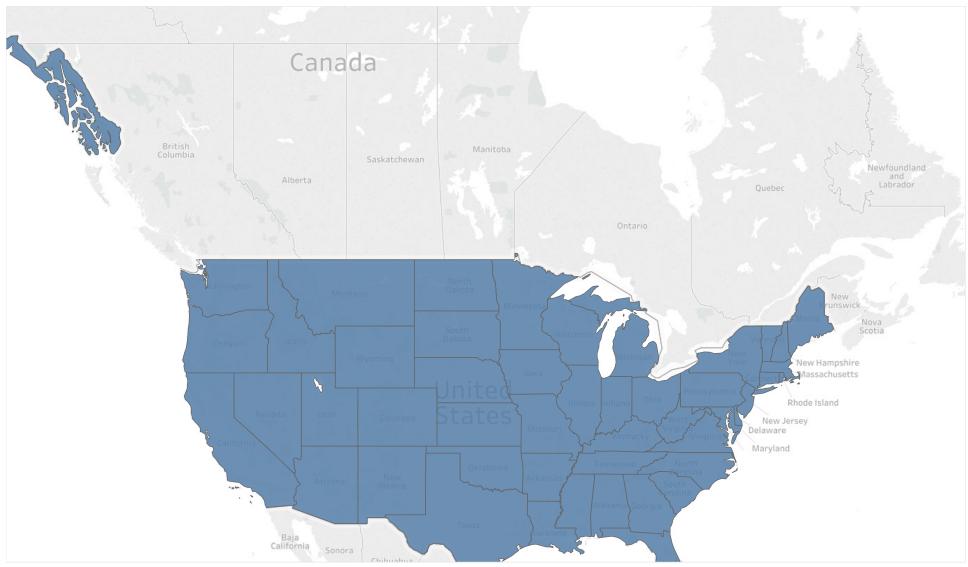
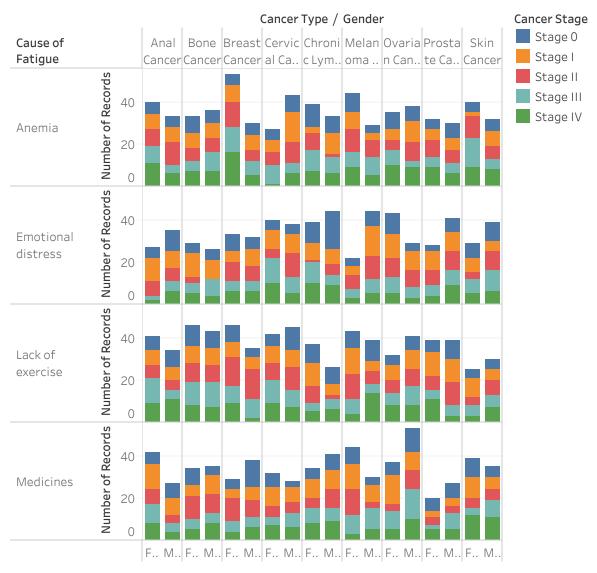
## Demographic Overview of Patients Enrolled in Fatigue recovery Programs



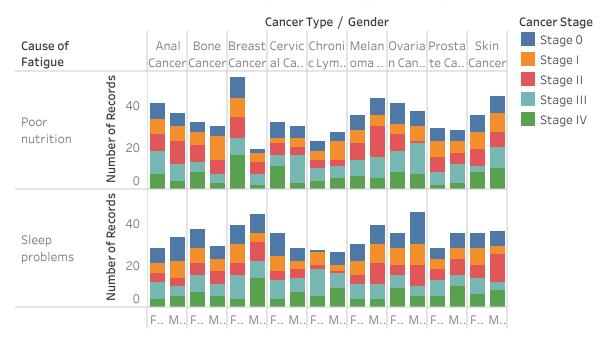
Map based on Longitude (generated) and Latitude (generated). Details are shown for Country and State. The data is filtered on Enrolled in Fatigue Programs, which keeps No and Yes.

# Cancer Patients enrolled by Cancer Type, Stage,



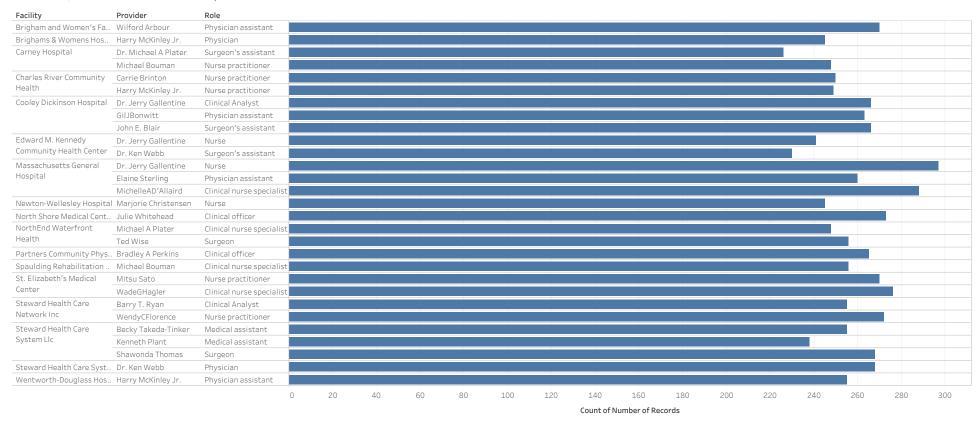
Sum of Number of Records for each Gender broken down by Cancer Type vs. Cause of Fatigue. Color shows details about Cancer Stage. The data is filtered on Enrolled in Fatigue Programs, which keeps Yes.

# Cancer Patients enrolled by Cancer Type, Stage,

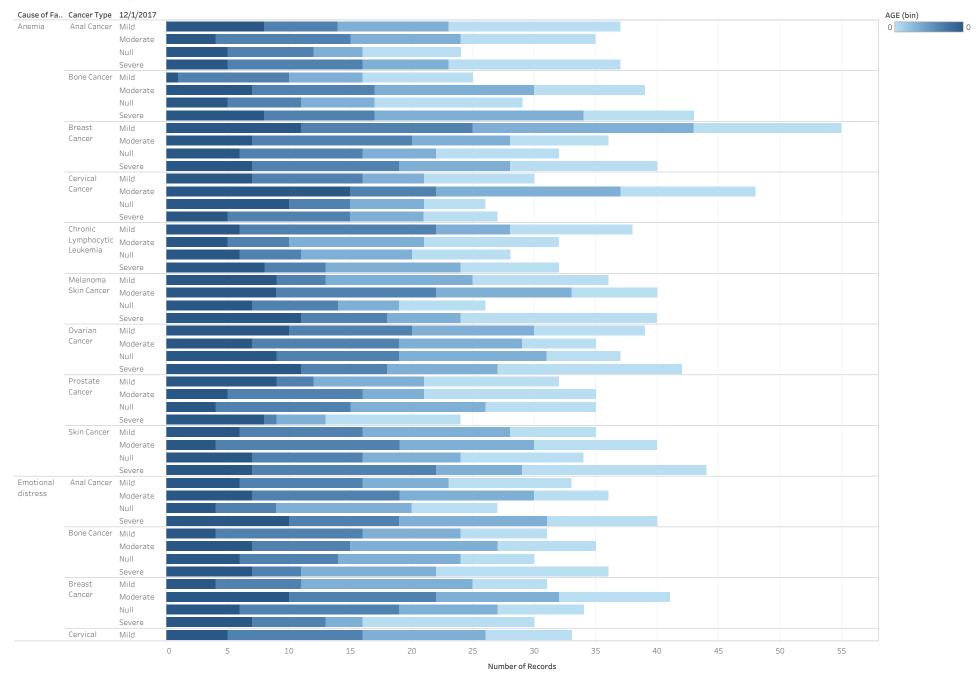


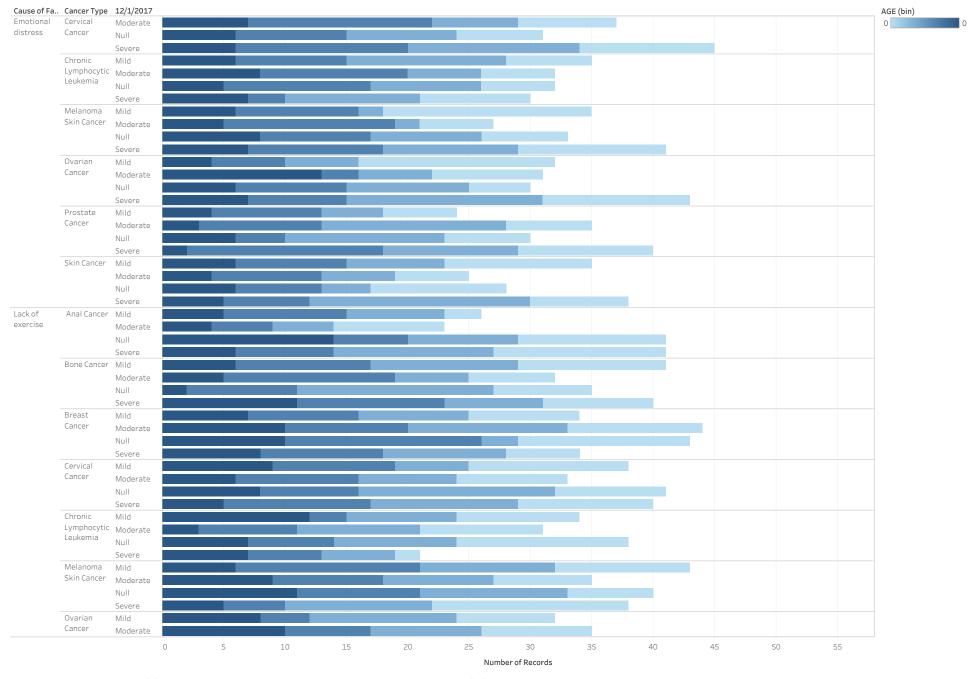
Sum of Number of Records for each Gender broken down by Cancer Type vs. Cause of Fatigue. Color shows details about Cancer Stage. The data is filtered on Enrolled in Fatigue Programs, which keeps Yes.

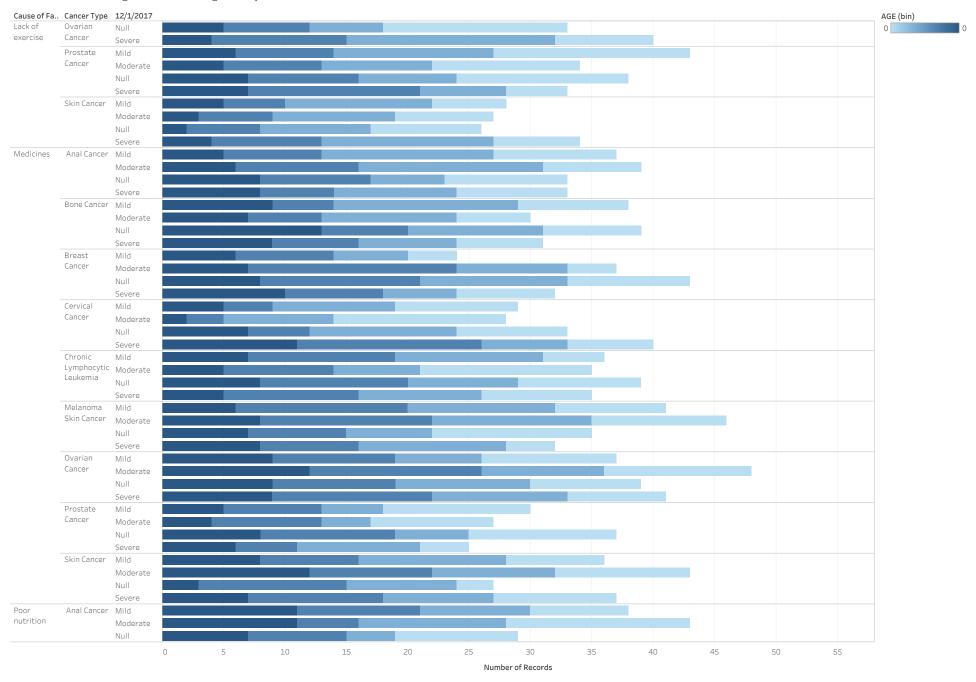
#### Facilities, Providers & Associated patients

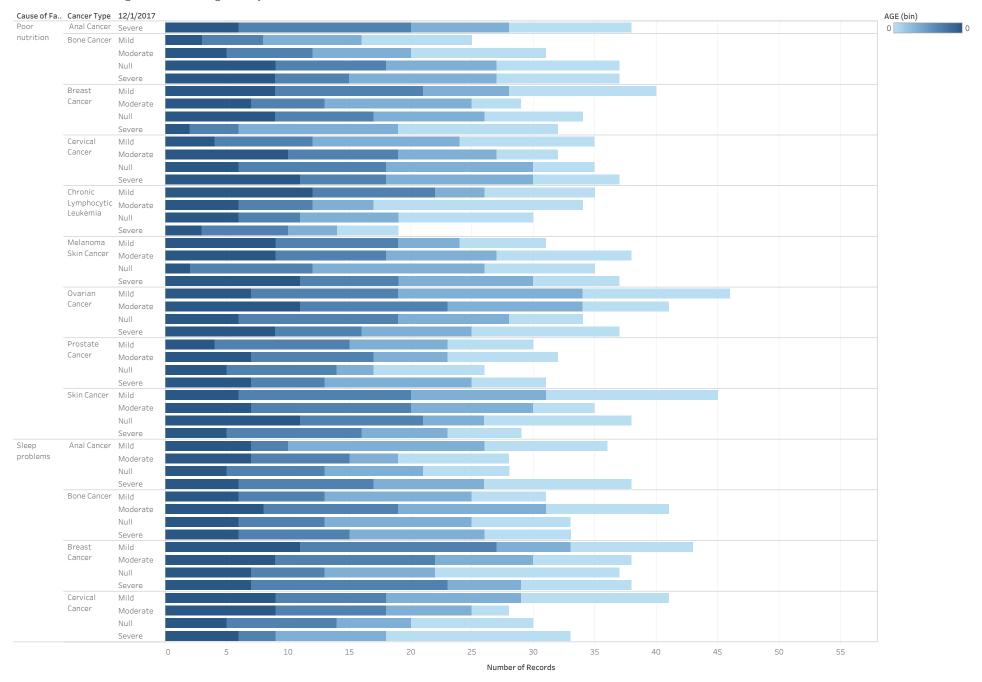


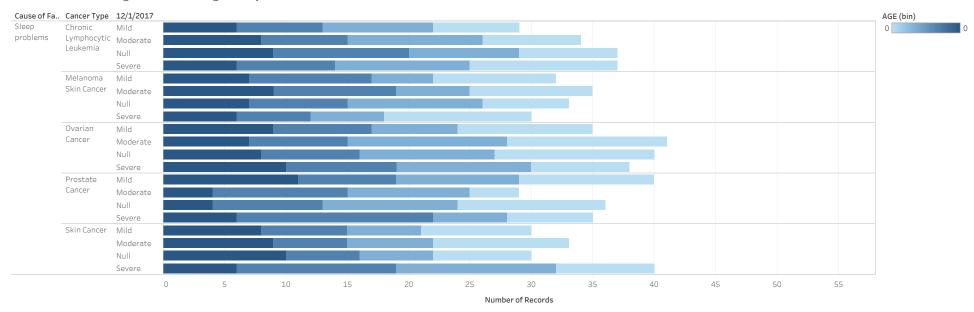
Count of Number of Records for each Role broken down by Facility and Provider.





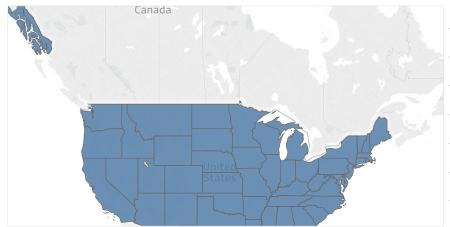




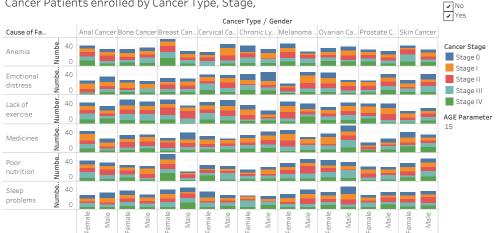


 $Sum of Number of Records for each 12/1/2017 \ broken down by Cause of Fatigue and Cancer Type. \ Color shows details about AGE (bin).$ 

#### Demographic Overview of Patients Enrolled in Fatigue recovery Programs

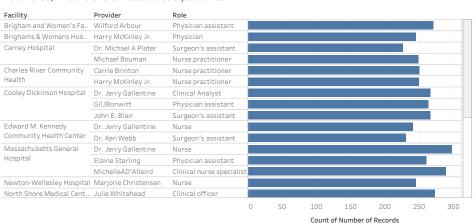


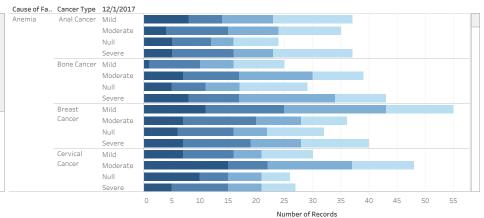
#### Cancer Patients enrolled by Cancer Type, Stage,



Enrolled in Fatigue..

#### Facilities, Providers & Associated patients





## Patients View

12/1/2017	12/2/2017	12/4/2017	12/5/2017	12/6/2017	12/7/2017	
Mild, Severe	Mild	Mild	Null	Null	Null	
Severe, Null	Null	Null	Severe	Mild	Severe	

The view is broken down by 12/03/2017, 12/1/2017, 12/2/2017, 12/4/2017, 12/5/2017, 12/6/2017 and 12/7/2017. The data is filtered on NAME (Daily Fatigue Worksheet) and Enrolled in Fatigue Programs. The NAME (Daily Fatigue Worksheet) filter keeps Aaron Pompey and Abraham Rosenfeld. The Enrolled in Fatigue Programs filter keeps No and Yes.

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 100654	No	No	Surgery	Chemotherapy	Radiation Therapy		
No, 100690	No	No	Chemotherapy	Radiation Therapy	Surgery		
No, 100733	Yes	Yes	Chemotherapy	Null	Targeted Therapy		1
	No	Yes	Immunotherapy	Targeted Therapy	Immunotherapy		
	No	No	Chemotherapy	Immunotherapy	Null		
	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery		
No, 100858	No	No	Radiation Therapy	Null	Immunotherapy		
	Yes	Yes	Targeted Therapy	Surgery	Null		
No, 101028	Yes	No	Radiation Therapy	Null	Surgery		
		Yes	Radiation Therapy	Surgery	Immunotherapy		
	No	Yes	Surgery	Null	Surgery		
		No	Targeted Therapy	Surgery	Radiation Therapy		
		Yes	Chemotherapy	Immunotherapy	Chemotherapy		
	No	Yes	Radiation Therapy	Surgery	Chemotherapy		
No, 101277	Yes	No	Chemotherapy	Radiation Therapy	Immunotherapy		
No, 101471	Yes	No	Surgery	Chemotherapy	Surgery		
		No	Immunotherapy	Null	Surgery		
No, 101499 No, 101541	No	No	Surgery	Chemotherapy	Immunotherapy		
				Null			
No, 101587	No	No	Chemotherapy		Chemotherapy		
No, 101602	Yes	Yes	Targeted Therapy	Null	Chemotherapy		
	No	Yes	Radiation Therapy	Immunotherapy	Immunotherapy		
		Yes	Radiation Therapy	Immunotherapy	Targeted Therapy		
	No	Yes	Chemotherapy	Null	Chemotherapy		
No, 101912	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy		
No, 102030	Yes	No	Surgery	Null	Immunotherapy		
No, 102049	Yes	No	Immunotherapy	Surgery	Surgery		
No, 102058	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
No, 102067	No	Yes	Surgery	Radiation Therapy	Immunotherapy		
No, 102261	No	No	Chemotherapy	Chemotherapy	Surgery		
No, 102298	Yes	No	Targeted Therapy	Targeted Therapy	Surgery		
No, 102377	Yes	No	Immunotherapy	Null	Null		
No, 102395	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy		
No, 102580	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy		
No, 102614	No	No	Radiation Therapy	Radiation Therapy	Chemotherapy		
No, 102669	Yes	No	Surgery	Null	Null		
No, 102711	Yes	No	Targeted Therapy	Null	Immunotherapy		
No, 102845	No	Yes	Surgery	Null	Targeted Therapy		
No, 103361	No	Yes	Immunotherapy	Targeted Therapy	Null		
No, 103644	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy		
No, 103732	No	Yes	Radiation Therapy	Null	Radiation Therapy		
	No	Yes	Surgery	Null	Surgery		
		No	Immunotherapy	Radiation Therapy	Surgery		
	Yes	Yes	Immunotherapy	Radiation Therapy	Chemotherapy		
	No	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy		
No, 103945	No	Yes	Chemotherapy	Radiation Therapy	Surgery		
	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 104151	Yes	No	Immunotherapy	Null	Null		
No, 104364	Yes	No	Targeted Therapy	Null	Null		
No, 104504	No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
110, 104304	110	162	кашацин птегару	спетноспегару			
						0	1

No. 104665   No	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No. 104905 Yes Yes Surgery Targeted Therapy Chemotherapy Targeted Therapy No. 105136 No Yes Surgery Immunotherapy Radiation Therapy No. 105136 No Yes Surgery Immunotherapy Radiation Therapy No. 105136 Yes No Immunotherapy Surgery Immunotherapy No. 105136 Yes No Immunotherapy Surgery Immunotherapy No. 105215 No No Radiation Therapy Radiation Therapy Radiation Therapy No. 105215 No No Radiation Therapy Radiation Therapy No. 105239 Yes No Radiation Therapy Radiation Therapy No. 105239 Yes No Radiation Therapy No. 105248 Yes No Radiation Therapy No. 105248 Yes No Targeted Therapy Null Immunotherapy No. 105248 Yes Yes Radiation Therapy Null Immunotherapy No. 105248 Yes Yes Radiation Therapy Immunotherapy Immunotherapy No. 105659 No Yes Chemotherapy Immunotherapy Immunotherapy No. 105659 No Yes Chemotherapy Immunotherapy Immunotherapy No. 105690 No No Immunotherapy Null Immunotherapy Immunotherapy No. 105690 No Yes Surgery Immunotherapy Immunotherapy No. 105690 No No Chemotherapy Null Immunotherapy Immunotherapy No. 105690 No Yes Targeted Therapy Null Immunotherapy No. 105690 No Yes Targeted Therapy Null Immunotherapy No. 105690 No No Chemotherapy Immunotherapy Targeted Therapy Null Immunotherapy No. 105690 No No Chemotherapy Null Immunotherapy No. 105690 No No Chemotherapy Null Immunotherapy No. 105690 No No Chemotherapy Null Immunotherapy No. 105611 No Yes Targeted Therapy Null Immunotherapy No. 105612 No No Targeted Therapy Null Immunotherapy No. 105624 No Yes Surgery Targeted Therapy Null Immunotherapy No. 105634 No Yes Surgery Null Immunotherapy Null Immunotherapy No. 105636 No No Targeted Therapy Null Immunotherapy Null Immunotherapy No. 105636 No No Radiation Therapy Surgery Immunotherapy Null No. 105636 No No Radiation Therapy Surgery Immunotherapy Null No. 105638 No No Radiation Therapy Surgery Immunotherapy Null No. 105638 No No Radiation Therapy Surgery Immunotherapy Immunotherapy Null No. 105638 No No Radiation Therapy Surgery Immunotherapy Immunotherapy Null No. 105638 No No Radiation Therapy Surgery Imm						
No. 104905 Yes No Targeted Therapy Chemotherapy P. No. 104911 Yes Yes Surgery Targeted Therapy Targeted Therapy No. 105136 No Yes Surgery Immunotherapy Rediction Therapy No. 105145 Yes No Immunotherapy Rull Targeted Therapy No. 105145 Yes No Immunotherapy No. 105145 Yes No Immunotherapy No. 105151 No No Radiation Therapy Rediction Therapy Participated Therapy No. 105215 No No Radiation Therapy Radiation Therapy Participated Therapy No. 105349 Yes No Radiation Therapy Radiation Therapy No. 105349 Yes No Radiation Therapy No. 105482 Yes No Radiation Therapy No. 105482 Yes No Targeted Therapy No. 105482 No. 105349 No. 105349 Yes Radiation Therapy Surgery Immunotherapy Immunotherapy No. 105482 No. 105485 No No Immunotherapy		No				
No. 104911		Yes	No			
No. 105136 No. Yes Surgery Immunotherapy Radiation Therapy No. 105137 Yes No. Immunotherapy No. 105137 Yes No. Immunotherapy No. 105134 Yes No. Immunotherapy No. 105134 Yes No. Immunotherapy No. 105215 No. No. Radiation Therapy Radiation Therapy Targeted Therapy No. 105349 Yes No. Radiation Therapy Radiation Therapy No. 105349 Yes No. Radiation Therapy Immunotherapy No. 105482 Yes No. Targeted Therapy No. 105482 Yes No. Targeted Therapy No. 105482 Yes No. Targeted Therapy No. 105482 Yes No. Immunotherapy Immunotherapy Immunotherapy Immunotherapy No. 105688 No. No. Immunotherapy Radiation Therapy Surgery Immunotherapy Immunotherapy Immunotherapy No. 105688 No. No. Immunotherapy Radiation Therapy Surgery Immunotherapy Immunotherapy Immunotherapy No. 105689 No. Yes Surgery Immunotherapy Immunotherapy Immunotherapy Immunotherapy No. 105699 No. Yes Targeted Therapy No. 105690 No. Yes Targeted Therapy No. 105691 No. 105690 No. Yes Targeted Therapy No. 105691 No. 105691 No. 105692 No. No. Targeted Therapy No. 105691 No. 105692 No. No. Targeted Therapy No. 105694 Yes No. Targeted Therapy No. 105694 No. Yes Chemotherapy Immunotherapy Immunotherapy No. 105694 No. Yes Chemotherapy Immunotherapy Immunotherapy No. 105694 No. Yes Chemotherapy Immunotherapy Immunotherapy No. 105694 No. Yes Chemotherapy No. 105694 No. No. Radiation Therapy No. 105694 No. Yes Chemotherapy No. 105694 No. No. Radiation Therapy No. 105694 No. No. Radiation Therapy No. 105694 No. No. Radiation Therapy No. 105694 No. No						
No. 105145   Yes						
No. 105154   Ves						
No. 105215   No						
No. 105320						
No. 105492   Yes						
No. 105428   Ves						
No.   105482   Ves						
No. 105659 No						
No. 105668         No         Immunotherapy         Radiation Therapy         Surgery         Immunotherapy         Immunotherapy           No. 105792         No         No         Chemotherapy         Immunotherapy         Immunotherapy         Immunotherapy           No. 105989         No         Yes         Targeted Therapy         Null         Immunotherapy         Immunotherapy           No. 105987         No         No         Chemotherapy         Immunotherapy         Targeted Therapy           No. 106041         Yes         Targeted Therapy         Null         Targeted Therapy           No. 106181         Yes         Targeted Therapy         Null         Targeted Therapy           No. 1063215         Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy           No. 106324         No         Yes         Surgery         Immunotherapy         Immunotherapy           No. 106339         No         Yes         Chemotherapy         Immunotherapy         Immunotherapy           No. 106439         No         Yes         Chemotherapy         Immunotherapy         Null           No. 106439         No         Yes         Chemotherapy         Null         Null           No. 106438						
No. 105797         Yes         Ves         Surgery         Immunotherapy         Immunotherapy           No. 105898         No         Yes         Targeted Therapy         Null         Immunotherapy           No. 105898         No         No         No         Chemotherapy         Immunotherapy           No. 105041         Yes         Targeted Therapy         Null         Immunotherapy           No. 106111         No         Yes         Targeted Therapy         Null         Immunotherapy           No. 106318         Yes         Yes         Targeted Therapy         Null         Immunotherapy           No. 106315         Yes         No         Targeted Therapy         Null         Immunotherapy           No. 106324         Yes         Surgery         Targeted Therapy         Null           No. 106325         No         Yes         Chemotherapy         Immunotherapy         Null           No. 106369         No         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106498         Yes         Yes         Chemotherapy         Surgery         Null           No. 106498         Yes         Surgery         Null         Null           No. 106494						
No. 105792						
No. 105899         No         Yes         Targeted Therapy         Null         Immunotherapy           No. 106041         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           No. 106311         No         Yes         Targeted Therapy         Null         Immunotherapy           No. 106318         Yes         Yes         Targeted Therapy         Null         Immunotherapy           No. 106324         No         Yes         Surgery         Targeted Therapy         Null           No. 106324         No         Yes         Surgery         Targeted Therapy         Null           No. 106327         Yes         See         Immunotherapy         Immunotherapy           No. 106380         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106494         No         Yes         Chemotherapy         Null           No. 106494         No         Radiation Therapy         Surgery         Null           No. 106695         Yes         Radiation Therapy         Null         Radiation Therapy         Null           No. 106906         Yes         No         Radiation Therapy         Null         Radiation Therapy         Null						
No. 105987         No         No         Chemotherapy         Immunotherapy         Targeted Therapy           No. 106041         No         No         Targeted Therapy         Null         Immunotherapy           No. 106118         Yes         Yes         Targeted Therapy         Null         Immunotherapy           No. 106315         Yes         No         Targeted Therapy         Null         Immunotherapy           No. 106324         No         Yes         Surgery         Targeted Therapy         Null           No. 106342         Yes         Yes         Immunotherapy         Immunotherapy           No. 106380         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106381         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106489         No         Yes         Chemotherapy         Null           No. 106485         Yes         No         Radiation Therapy         Surgery         Null           No. 106592         Yes         Radiation Therapy         Surgery         Null           No. 106593         Yes         Radiation Therapy         Surgery         Null           No. 106394         Yes         Radiation Therapy </td <td></td> <td>No</td> <td>No</td> <td>Chemotherapy</td> <td></td> <td>Null</td>		No	No	Chemotherapy		Null
No. 106041         Yes         No         Targeted Therapy         Null         Immunotherapy           No. 106111         No         Yes         Targeted Therapy         Null         Immunotherapy           No. 106348         Yes         Yes         Surgery         Immunotherapy           No. 106324         No         Yes         Surgery         Targeted Therapy         Null           No. 106324         Yes         Yes         Immunotherapy         Null           No. 106326         Yes         Yes         Chemotherapy         Immunotherapy           No. 106360         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106449         No         Yes         Chemotherapy         Chemotherapy         Null           No. 106458         Yes         Surgery         Null         Surgery         Null           No. 106458         Yes         No         Radiation Therapy         Surgery         Null           No. 106625         Yes         Radiation Therapy         Null         Null           No. 106892         Yes         Radiation Therapy         Null         Null           No. 106908         No         Yes         Radiation Therapy         Surgery<	No, 105899	No	Yes	Targeted Therapy	Null	Immunotherapy
No. 106111         No         Yes         Targeted Therapy         Null         Targeted Therapy           No. 1063148         Yes         Yes         Targeted Therapy         Null         Immunotherapy           No. 106315         Yes         No         Targeted Therapy         Null           No. 106342         Yes         Immunotherapy         Immunotherapy         Null           No. 106390         Yes         Chemotherapy         Immunotherapy         Immunotherapy           No. 106397         No         Yes         Chemotherapy         Immunotherapy           No. 106490         Yes         Chemotherapy         Chemotherapy           No. 106491         No         Yes         Chemotherapy         Null           No. 106492         Yes         No         Radiation Therapy         Surgery         Null           No. 106494         Yes         No         Radiation Therapy         Null         Radiation Therapy         Null           No. 106890         Yes         Yes         Radiation Therapy         Null         Radiation Therapy         Null           No. 106910         No         No         Surgery         Chemotherapy         Null         Null           No. 106920         Yes <td>No, 105987</td> <td>No</td> <td>No</td> <td>Chemotherapy</td> <td>Immunotherapy</td> <td>Targeted Therapy</td>	No, 105987	No	No	Chemotherapy	Immunotherapy	Targeted Therapy
No. 106148 Ves Ves Targeted Therapy Null Immunotherapy Inmunotherapy No. 106315 Ves No Targeted Therapy Surgery Immunotherapy No. 106342 No Yes Surgery Targeted Therapy Null Surgery Immunotherapy No. 106342 Ves Ves Immunotherapy Immunotherapy Surgery No. 106360 Ves Ves Chemotherapy Chemotherapy Immunotherapy No. 106360 Ves Ves Chemotherapy Chemotherapy Immunotherapy No. 106360 Ves Ves Chemotherapy Chemotherapy Immunotherapy Null No. 106489 No Yes Chemotherapy Chemotherapy Null Surgery Null Surgery Null Surgery Null Surgery Null Surgery Null No. 106458 Ves No Radiation Therapy Surgery Null Radiation Therapy No. 106625 Ves No Radiation Therapy Null Radiation Therapy No. 106625 Ves Yes Radiation Therapy Null Radiation Therapy No. 106625 Ves Yes Radiation Therapy Surgery Null No. 106690 No Surgery No. 106908 No Yes Immunotherapy Null Null Null No. 106908 No Yes Immunotherapy Surgery Immunotherapy No. 107074 No No Targeted Therapy Immunotherapy Chemotherapy No. 107074 No No Targeted Therapy Immunotherapy Chemotherapy No. 107071 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No. 107741 No Yes Surgery Null Null Null No. 107742 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No. 107440 Yes No Chemotherapy Immunotherapy Radiation Therapy No. 107440 Yes No Chemotherapy Immunotherapy Radiation Therapy No. 107442 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No. 107442 Yes Yes Chemotherapy Null Null Null No. 107442 Yes Yes Chemotherapy Null Null Null No. 107442 Yes Yes Chemotherapy Null Null Null No. 107542 Yes No Chemotherapy Null Targeted Therapy Null Argeted Therapy Nu	No, 106041	Yes	No	Targeted Therapy	Null	Immunotherapy
No. 106148 Ves Ves Targeted Therapy Null Immunotherapy Inmunotherapy No. 106315 Ves No Targeted Therapy Surgery Immunotherapy No. 106324 No Yes Surgery Targeted Therapy Null Surgery Immunotherapy No. 106342 Ves Ves Immunotherapy Immunotherapy Surgery No. 106360 Ves Ves Chemotherapy Chemotherapy Immunotherapy No. 106360 Ves Ves Chemotherapy Chemotherapy Immunotherapy Null No. 106449 No Yes Chemotherapy Chemotherapy Null Surgery Null Surgery No. 106458 Ves Ves Surgery Null Surgery Null Surgery Null No. 106458 Ves No Radiation Therapy Surgery Null Surgery Null No. 106458 Ves No Radiation Therapy Surgery Null Radiation Therapy Null Radiation Therapy Null Radiation Therapy Null Radiation Therapy No. 106625 Ves Yes Radiation Therapy Null Radiation Therapy No. 106625 Ves Yes Radiation Therapy Surgery Null Radiation Therapy No. 106892 Ves Yes Radiation Therapy Surgery Surgery Surgery No. 106908 No Yes Immunotherapy Surgery Surgery Immunotherapy No. 106908 No Yes Immunotherapy Surgery Immunotherapy No. 107071 Yes Yes Immunotherapy Immunotherapy Chemotherapy No. 107071 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No. 107741 No Yes Surgery Null Null No. 107744 Ves Yes Chemotherapy Immunotherapy Radiation Therapy No. 107363 No No Surgery Null Null Null No. 107364 Ves No Chemotherapy Immunotherapy Radiation Therapy No. 107364 Ves No Chemotherapy Null Null Null No. 107364 Ves Chemotherapy Immunotherapy Radiation Therapy No. 107512 Yes Yes Chemotherapy Null Chemotherapy Null Null Null No. 107512 Yes Yes Chemotherapy Null Surgery Null Surgery No. 107551 Yes Yes Chemotherapy Null Surgery Null Surgery No. 107551 Yes Yes Chemotherapy Null Surgery Null Surgery No. 107551 Yes Chemotherapy Radiation Therapy Chemotherapy Chemotherapy Null Null Null No. 107558 Yes Chemotherapy Radiation Therapy Chemotherapy Chemotherapy Chemotherapy Null Surgery No. 107558 Yes Chemotherapy Radiation Therapy Chemotherapy Chemoth	No, 106111	No	Yes	Targeted Therapy	Null	Targeted Therapy
No. 106315         Yes         No         Targeted Therapy         Surgery         Immunotherapy         Null           No. 106324         Ves         Ves         Surgery         Targeted Therapy         Null           No. 106360         Yes         Yes         Chemotherapy         Immunotherapy         Surgery           No. 106397         No         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 106494         No         Yes         Chemotherapy         Chemotherapy         Null           No. 106495         Yes         No         Radiation Therapy         Surgery         Null           No. 106495         Yes         No         Radiation Therapy         Surgery         Null           No. 106494         Yes         No         Radiation Therapy         Surgery         Null           No. 106625         Yes         Yes         Radiation Therapy         Surgery         Null           No. 106810         No         No         Surgery         Null         Radiation Therapy         Null           No. 106990         No         Yes         Immunotherapy         Null         Null           No. 107971         Yes         Yes         Immunotherapy						
No. 106324 No Yes Surgery Targeted Therapy Null No. 106342 Yes Yes Immunotherapy Immunotherapy Surgery No. 106360 Yes Yes Chemotherapy Chemotherapy Immunotherapy No. 106397 No Yes Chemotherapy Surgery Immunotherapy No. 106397 No Yes Chemotherapy Chemotherapy Immunotherapy No. 106449 No Yes Chemotherapy Chemotherapy Null No. 106484 Yes Yes Surgery Null Surgery No. 106485 Yes No Radiation Therapy Surgery Immunotherapy No. 106494 Yes No Radiation Therapy Surgery Null No. 106625 Yes Yes Radiation Therapy Null Radiation Therapy No. 106625 Yes Yes Radiation Therapy Null Radiation Therapy No. 106892 Yes Yes Radiation Therapy Surgery Null Null No. 106892 Yes Yes Radiation Therapy Surgery Surgery No. 106908 No Yes Immunotherapy Null Null No. 106908 No Yes Immunotherapy Surgery Immunotherapy No. 1070744 No No Targeted Therapy Immunotherapy Surgery Immunotherapy No. 107071 Yes Yes Immunotherapy Immunotherapy Surgery No. 1070725 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No. 107775 Yes Yes Chemotherapy Null Null No. 107786 Yes No Chemotherapy Null Null No. 107363 No No Surgery Null Null No. 107363 No No Surgery Null Null No. 107364 Yes No Chemotherapy Null Null No. 107365 Yes No Chemotherapy Null Chemotherapy No. 107512 Yes Yes Immunotherapy Null Chemotherapy No. 107526 Yes No Chemotherapy Null Targeted Therapy No. 107585 Yes No Radiation Therapy Null Surgery No. 107560 No Yes Chemotherapy Radiation Therapy Surgery No. 107569 No Yes Chemotherapy Radiation Therapy Chemotherapy No. 107585 Yes No Radiation Therapy Null Surgery No. 107585 Yes No Radiation Therapy Null Surgery No. 107585 Yes No Radiation Therapy Null Null No. 107585 Yes No Radiatio						
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No. 106397 No Yes Chemotherapy Surgery Immunotherapy No. 106458 Ves Yes Surgery Null Surgery No. 106458 Ves No Radiation Therapy Surgery Immunotherapy No. 106494 Yes No Radiation Therapy Surgery Null No. 106625 Ves Yes Radiation Therapy Null Radiation Therapy No. 106810 No No Surgery Chemotherapy Targeted Therapy No. 106810 No No Surgery Null No. 106980 Ves Yes Radiation Therapy Surgery Surgery No. 106980 No Yes Immunotherapy Null Null No. 106980 No Yes Immunotherapy Surgery Immunotherapy No. 107044 No No Targeted Therapy Immunotherapy No. 107071 Yes Yes Immunotherapy Immunotherapy Surgery No. 107071 Yes Yes Immunotherapy Immunotherapy Surgery No. 107071 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No. 107275 Yes Yes Chemotherapy Null Null No. 107442 Yes Yes Chemotherapy Null Null No. 107469 Yes No Chemotherapy Null Null No. 107469 Yes No Chemotherapy Null Null No. 107512 Yes Yes Immunotherapy Null Targeted Therapy No. 107525 Yes Yes Chemotherapy Null Targeted Therapy No. 107526 Yes Yes Chemotherapy Null Targeted Therapy No. 107527 Yes Yes Chemotherapy Null Targeted Therapy No. 107528 Yes Yes Chemotherapy Null Targeted Therapy No. 107529 Yes Yes Chemotherapy Null Targeted Therapy No. 107520 Yes Yes Chemotherapy Immunotherapy Chemotherapy No. 107521 Yes Yes Surgery Null Surgery No. 107528 Yes Yes Chemotherapy Immunotherapy Chemotherapy No. 107588 Yes No Radiation Therapy Null Surgery No. 107589 Yes No Radiation Therapy Null Null No. 1075600 No Yes Chemotherapy Radiation Therapy Chemotherapy No. 107519 No Yes Targeted Therapy Chemotherapy Chemotherapy No. 107519 No Yes Chemotherapy Radiation Therapy Surgery						
No, 106449 No Yes Chemotherapy Chemotherapy Null Surgery No, 106485 Yes No Radiation Therapy Surgery Immunotherapy No, 106494 Yes No Radiation Therapy Surgery Null No, 106694 Yes No Radiation Therapy Surgery Null No, 106625 Yes Yes Radiation Therapy Null Radiation Therapy No, 106690 No No Surgery Chemotherapy Targeted Therapy No, 106890 No Yes Immunotherapy Null Null No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107363 No No Surgery Null Null No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Chemotherapy No, 107512 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107525 Yes Yes Chemotherapy Null Chemotherapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Null Surgery No, 107558 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107558 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107560 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Chemotherapy No, 107619 No Yes Chemotherapy Radiation Therapy Chemotherapy						
No, 106458 Yes Ves Surgery Null Surgery Immunotherapy No, 106494 Yes No Radiation Therapy Surgery Immunotherapy No, 106625 Yes Yes Radiation Therapy Surgery Null No, 106625 Yes Yes Radiation Therapy Null Radiation Therapy No, 106810 No No Surgery Chemotherapy Targeted Therapy No, 106892 Yes Yes Radiation Therapy Surgery Surgery No, 106908 No Yes Immunotherapy Null Null No, 106908 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107074 Yes Yes Immunotherapy Immunotherapy Surgery No, 107074 No Yes Surgery Chemotherapy Immunotherapy No, 10775 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107460 Yes No Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Chemotherapy Null Surgery No, 107558 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107560 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Surgery No, 107600 No Yes Chemotherapy Radiation Therapy Surgery Nol No, 107558 Yes Yes Chemotherapy Radiation Therapy Chemotherapy Nol, 107558 Yes No Radiation Therapy Radiation Therapy Surgery Nol 107600 No Yes Chemotherapy Radiation Therapy Surgery Nol 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
No, 106485 Yes No Radiation Therapy Surgery Immunotherapy No, 106494 Yes No Radiation Therapy Surgery Null No, 106625 Yes Yes Radiation Therapy Null Radiation Therapy No, 106810 No No Surgery Chemotherapy Targeted Therapy No, 106892 Yes Yes Radiation Therapy Surgery Surgery No, 106908 No Yes Immunotherapy Null Null No, 106908 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 10707141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107585 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107585 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107585 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
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No, 106625 Yes Yes Radiation Therapy Null Radiation Therapy No, 106810 No No Surgery Chemotherapy Targeted Therapy No, 106892 Yes Yes Radiation Therapy Surgery Surgery No, 106908 No Yes Immunotherapy Null Null No, 106930 No Yes Immunotherapy Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107071 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107442 Yes Yes Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Chemotherapy Null Targeted Therapy No, 107558 Yes Yes Chemotherapy Null Surgery No, 107558 Yes Yes Surgery Null Surgery No, 107560 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery		Yes	No			Immunotherapy
No, 106810 No No Surgery Chemotherapy Targeted Therapy No, 106892 Yes Yes Radiation Therapy Surgery Surgery No, 106908 No Yes Immunotherapy Null Null No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107448 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107521 Yes Yes Immunotherapy Immunotherapy Chemotherapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107525 Yes Yes Chemotherapy Null Surgery No, 107526 Yes Yes Surgery Null Surgery No, 107527 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107528 Yes Yes Surgery Null Surgery No, 107529 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107585 Yes No Radiation Therapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery	No, 106494	Yes	No	Radiation Therapy	Surgery	Null
No, 106892 Yes Yes Radiation Therapy Surgery Surgery No, 106908 No Yes Immunotherapy Null Null No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107071 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107480 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107588 Yes Yes Surgery Null Surgery No, 107588 Yes No Radiation Therapy Null Null No, 107588 Yes Yes Chemotherapy Radiation Therapy Chemotherapy No, 107588 Yes Yes Surgery Null Surgery No, 107589 Yes No Radiation Therapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Surgery No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery	No, 106625	Yes	Yes	Radiation Therapy	Null	Radiation Therapy
No, 106908 No Yes Immunotherapy Null Null No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Radiation Therapy No, 107460 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107500 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Surgery No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery Surgery Null Surgery Null Null Null Null Null Null Null Null	No, 106810	No	No	Surgery	Chemotherapy	Targeted Therapy
No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Chemotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107585 Yes No Radiation Therapy Null Surgery No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery	No, 106892	Yes	Yes	Radiation Therapy	Surgery	Surgery
No, 106980 No Yes Immunotherapy Surgery Immunotherapy No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Chemotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107585 Yes No Radiation Therapy Null Surgery No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery	No, 106908	No	Yes	Immunotherapy		
No, 107044 No No Targeted Therapy Immunotherapy Chemotherapy No, 107071 Yes Yes Immunotherapy Immunotherapy Surgery No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107440 Yes No Chemotherapy Radiation Therapy No, 107460 Yes No Chemotherapy Radiation Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Chemotherapy Null Surgery No, 107585 Yes No Radiation Therapy Null Surgery No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
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No, 107141 No Yes Surgery Chemotherapy Immunotherapy No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107440 Yes No Chemotherapy Radiation Therapy No, 107460 Yes No Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
No, 107275 Yes Yes Chemotherapy Immunotherapy Radiation Therapy No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
No, 107363 No No Surgery Null Null No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
No, 107442 Yes Yes Chemotherapy Null Chemotherapy No, 107460 Yes No Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
No, 107460 Yes No Chemotherapy Radiation Therapy Targeted Therapy No, 107488 Yes No Targeted Therapy Null Targeted Therapy No, 107512 Yes Yes Immunotherapy Null Targeted Therapy No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
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No, 107521 Yes Yes Chemotherapy Immunotherapy Chemotherapy No, 107558 Yes Yes Surgery Null Surgery No, 107585 Yes No Radiation Therapy Null Null No, 107600 No Yes Chemotherapy Radiation Therapy Chemotherapy No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery	No, 107488	Yes	No	Targeted Therapy	Null	Targeted Therapy
No, 107558     Yes     Yes     Surgery     Null     Surgery       No, 107585     Yes     No     Radiation Therapy     Null       No, 107600     No     Yes     Chemotherapy     Radiation Therapy     Chemotherapy       No, 107619     No     Yes     Targeted Therapy     Radiation Therapy     Surgery	No, 107512	Yes	Yes	Immunotherapy	Null	Targeted Therapy
No, 107585YesNoRadiation TherapyNullNullNo, 107600NoYesChemotherapyRadiation TherapyChemotherapyNo, 107619NoYesTargeted TherapyRadiation TherapySurgery	No, 107521	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy
No, 107585YesNoRadiation TherapyNullNullNo, 107600NoYesChemotherapyRadiation TherapyChemotherapyNo, 107619NoYesTargeted TherapyRadiation TherapySurgery	No, 107558	Yes	Yes	Surgery	Null	Surgery
No, 107600     No     Yes     Chemotherapy     Radiation Therapy     Chemotherapy       No, 107619     No     Yes     Targeted Therapy     Radiation Therapy     Surgery		Yes	No			
No, 107619 No Yes Targeted Therapy Radiation Therapy Surgery						
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	reatment proced	
No, 107637	Yes	No	Targeted Therapy	Radiation Therapy	mmunotherapy	
No, 107655	No	Yes	Radiation Therapy	Null	lull	
No, 107664	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 107743	Yes	No	Targeted Therapy	Null	mmunotherapy	
No, 107789	Yes	Yes	Surgery	Immunotherapy	argeted Therapy	
No, 107840	No	No	Radiation Therapy	Immunotherapy	lull	
No, 107877	No	Yes	Chemotherapy	Targeted Therapy	Chemotherapy	
No, 108056	No	No	Surgery	Surgery	Surgery	
No, 108649	Yes	Yes	Chemotherapy	Radiation Therapy	argeted Therapy	
No, 108807	No	Yes	Chemotherapy	Chemotherapy	mmunotherapy	
No, 108861	No	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 108870	No	No	Targeted Therapy	Surgery	argeted Therapy	
No, 109208	Yes	Yes	Surgery	Targeted Therapy	lull	
No, 109350	Yes	No	Chemotherapy	Null	lull	
No, 109651	No	No	Radiation Therapy	Null	urgery	
No, 109721	Yes	No	Chemotherapy	Surgery	urgery	
No, 109730	Yes	No	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 110060	No	Yes	Surgery	Surgery	hemotherapy	
No, 110097	No	No	Immunotherapy	Null	urgery	
No, 110185	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy	
No, 110194	Yes	Yes	Radiation Therapy	Null	hemotherapy	
No, 110219	Yes	No	Chemotherapy	Chemotherapy	mmunotherapy	
No, 110361	No	Yes	Radiation Therapy	Chemotherapy	mmunotherapy	
No, 110370	No	No	Radiation Therapy	Immunotherapy	mmunotherapy	
No, 110422	No	Yes	Targeted Therapy	Targeted Therapy	mmunotherapy	
No, 110501	No	Yes	Chemotherapy	Immunotherapy	Surgery	
No, 110510	Yes	Yes	Immunotherapy	Chemotherapy	urgery	
No, 110529	No	No	Chemotherapy	Immunotherapy	mmunotherapy	
No, 110538	No	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 110547	Yes	No	Surgery	Radiation Therapy	mmunotherapy	
No, 110617	No	Yes	Surgery	Null	hemotherapy	
No, 110635	Yes	No	Surgery	Null	argeted Therapy	
No, 110653	No	Yes	Chemotherapy	Radiation Therapy	mmunotherapy	
No, 110875	Yes	No	Immunotherapy	Null	Radiation Therapy	
No, 110918	Yes	No	Chemotherapy	Null	lull	
No, 110945	Yes	Yes	Immunotherapy	Chemotherapy	argeted Therapy	
No, 111009	Yes	No	Chemotherapy	Surgery	Chemotherapy	
No, 111054	Yes	No	Immunotherapy	Surgery	Radiation Therapy	
No, 111434	Yes	Yes	Immunotherapy	Targeted Therapy	lull	
	Yes	No	Targeted Therapy	Immunotherapy	hemotherapy	
	No	No	Immunotherapy	Chemotherapy	mmunotherapy	
	No	No	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 111896	Yes	No	Chemotherapy	Targeted Therapy	mmunotherapy	
No, 111920	No	No	Targeted Therapy	Targeted Therapy	mmunotherapy	
No, 111939	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 112251	Yes	Yes	Chemotherapy	Null	urgery	
No, 112367	Yes	Yes	Chemotherapy	Radiation Therapy	argeted Therapy	
No, 112376	Yes	Yes	Radiation Therapy	Radiation Therapy	mmunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 112385	No	No	Radiation Therapy	Null	Targeted Therapy		
No, 112446	Yes	Yes	Surgery	Null	Radiation Therapy		
No, 112455	No	No	Surgery	Radiation Therapy	Targeted Therapy		
No, 112686	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 112817	No	No	Radiation Therapy	Surgery	Immunotherapy		
No, 113111	No	Yes	Radiation Therapy	Null	Surgery		
No, 113218	Yes	Yes	Surgery	Null	Immunotherapy		
No, 113333	No	Yes	Targeted Therapy	Radiation Therapy	Surgery		
No, 113449	No	No	Surgery	Null	Surgery		
No, 113537	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
No, 113607	Yes	No	Radiation Therapy	Chemotherapy	Targeted Therapy		
No, 113698	Yes	No	Surgery	Immunotherapy	Targeted Therapy		
No, 113704	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
No, 113856	Yes	No	Targeted Therapy	Targeted Therapy	Surgery		
No, 113953	No	No	Radiation Therapy	Surgery	Immunotherapy		
No, 113980	Yes	No	Radiation Therapy	Null	Chemotherapy		
No, 114114	Yes	No	Chemotherapy	Null	Radiation Therapy		
No, 114266	Yes	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy		
No, 114354	No	No	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 114549	No	Yes	Surgery	Null	Surgery		
No, 114585	Yes	Yes	Chemotherapy	Chemotherapy	Surgery		
No, 114716		No	Surgery	Null	Surgery		
No, 114789	Yes	No	Radiation Therapy	Null	Chemotherapy		
No, 114813		Yes	Surgery	Immunotherapy	Chemotherapy		
No, 114840	No	No	Radiation Therapy	Radiation Therapy	Radiation Therapy		
No, 114947	No	No	Targeted Therapy	Surgery	Radiation Therapy		
No, 115083	No	Yes	Immunotherapy	Null	Null		
No, 115296	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy		
No, 115393	No	Yes	Surgery	Radiation Therapy	Chemotherapy		
No, 115472	Yes	No	Radiation Therapy	Radiation Therapy	Surgery		
No, 115490	No	No	Chemotherapy	Targeted Therapy	Null		
No, 115515		Yes	Surgery	Immunotherapy	Null		
No, 115658	No	No	Surgery	Null	Immunotherapy		
No, 115728	No	Yes	Chemotherapy	Chemotherapy	Null		
No, 115755		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy		
No, 115861	No	No	Immunotherapy	Immunotherapy	Null		
No, 115931		No	Chemotherapy	Null	Targeted Therapy		
No, 116226	No	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy		
No, 116350	No	No	Chemotherapy	Null	Chemotherapy		
No, 116660	Yes	No	Targeted Therapy	Null	Targeted Therapy		
No, 116712	Yes	Yes	Radiation Therapy	Null	Targeted Therapy		
No, 116846		Yes	Chemotherapy	Null	Null		
No, 117104	Yes	Yes	Immunotherapy	Immunotherapy	Chemotherapy		
No, 117113		No	Targeted Therapy	Surgery	Null		
No, 117113	Yes	No	Immunotherapy	Null	Surgery		
No, 117140	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
No, 117105	No	No	Surgery	Chemotherapy	Targeted Therapy		
No, 117193	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
No, 117575		Yes	Chemotherapy	Null	Surgery		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 117645	No	Yes	Targeted Therapy	Null	Targeted Therapy	
No, 117672	No	Yes	Targeted Therapy	Surgery	Surgery	
No, 117681	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 117733	No	No	Surgery	Null	Surgery	
No, 117900	No	Yes	Surgery	Null	Surgery	
No, 117946	No	No	Targeted Therapy	Immunotherapy	Immunotherapy	
No, 118116	No	No	Immunotherapy	Radiation Therapy	Null	
No, 118259	No	No	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 118277	Yes	Yes	Surgery	Null	Immunotherapy	
No, 118286	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
No, 118347	No	No	Chemotherapy	Null	Targeted Therapy	
No, 118356	No	Yes	Targeted Therapy	Targeted Therapy	Null	
No, 118541	No	Yes	Surgery	Surgery	Null	
No, 118718	Yes	Yes	Chemotherapy	Null	Null	
No, 118888	No	Yes	Chemotherapy	Surgery	Surgery	
No, 118912	Yes	No	Chemotherapy	Radiation Therapy	Null	
No, 118921	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 118958	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
No, 118976	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
No, 118994	Yes	No	Targeted Therapy	Targeted Therapy	Immunotherapy	
No, 119058	No	No	Chemotherapy	Immunotherapy	Immunotherapy	
No, 119137	Yes	Yes	Radiation Therapy	Null	Targeted Therapy	
No, 119216	No	Yes	Targeted Therapy	Null	Targeted Therapy	
No, 119234	Yes	No	Chemotherapy	Surgery	Targeted Therapy	
No, 119270	Yes	No	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 119331	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 119359	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 119438	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy	
No, 119456	Yes	Yes	Chemotherapy	Chemotherapy	Null	
No, 119465	No	No	Chemotherapy	Surgery	Chemotherapy	
No, 119553	Yes	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 119775	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 119951	Yes	No	Surgery	Immunotherapy	Surgery	
No, 120023	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 120078	Yes	No	Surgery	Immunotherapy	Chemotherapy	
No, 120087	No	No	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 120184	Yes	No	Immunotherapy	Targeted Therapy	Targeted Therapy	
No, 120254	Yes	Yes	Targeted Therapy	Immunotherapy	Null	
No, 120290	Yes	No	Radiation Therapy	Immunotherapy	Surgery	
No, 120403	No	No	Chemotherapy	Targeted Therapy	Chemotherapy	
No, 120421	No	Yes	Chemotherapy	Surgery	Targeted Therapy	
No, 120740	No	Yes	Radiation Therapy	Null	Surgery	
No, 120768	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No, 120795	Yes	No	Radiation Therapy	Surgery	Immunotherapy	
No, 120865	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 120953	Yes	No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 120971	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 121275	No	Yes	Surgery	Null	Surgery	
No, 121381	No	No	Radiation Therapy	Targeted Therapy	Null	
140, 121301	140	140	кастастотт глегару	rangeted interapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 121619	Yes	Yes	Chemotherapy	Chemotherapy	Surgery
No, 121707	Yes	No	Chemotherapy	Radiation Therapy	Surgery
No, 121868	No	Yes	Immunotherapy	Surgery	Chemotherapy
No, 121886	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
No, 121901	No	Yes	Surgery	Null	Null
No, 122180	No	No	Chemotherapy	Null	Targeted Therapy
No, 122205	Yes	No	Surgery	Chemotherapy	Chemotherapy
No, 122320	No	No	Targeted Therapy	Null	Chemotherapy
No, 122339	No	Yes	Surgery	Null	Immunotherapy
No, 122506	No	No	Radiation Therapy	Radiation Therapy	Null
No, 122597	No	No	Chemotherapy	Null	Targeted Therapy
No, 122603	No	No	Chemotherapy	Radiation Therapy	Surgery
No, 122612	Yes	No	Surgery	Immunotherapy	Targeted Therapy
No, 122694	No	No	Chemotherapy	Null	Immunotherapy
	Yes	Yes	Immunotherapy	Immunotherapy	Immunotherapy
	Yes	No	Chemotherapy	Targeted Therapy	Surgery
	Yes	Yes	Chemotherapy	Null	Null
	No	No	Targeted Therapy	Chemotherapy	Surgery
	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery
	No	No	Immunotherapy	Null	Null
	Yes	Yes	Surgery	Null	Null
	Yes	No	Chemotherapy	Null	Radiation Therapy
	No	No	Immunotherapy	Surgery	Chemotherapy
	No	Yes	Surgery	Immunotherapy	Targeted Therapy
	No	No	Chemotherapy	Radiation Therapy	Radiation Therapy
	No	Yes	Radiation Therapy	Radiation Therapy	Null
	No	Yes	Chemotherapy	Null	Immunotherapy
	No	No	Surgery	Surgery	Surgery
	Yes	Yes	Chemotherapy	Null	Chemotherapy
	No	No	Surgery	Null	Targeted Therapy
				Radiation Therapy	
	No Yes	Yes	Targeted Therapy Surgery	Null	Chemotherapy Surgery
	No	No	Chemotherapy	Null	Targeted Therapy
	Yes	Yes	Chemotherapy	Surgery	Immunotherapy
	No	No	Targeted Therapy	Chemotherapy	Chemotherapy
	No	No	Targeted Therapy	Null	Targeted Therapy
	No	No	Radiation Therapy	Surgery	Radiation Therapy
	No	No	Surgery	Null	Radiation Therapy
	Yes	No	Chemotherapy	Null	Surgery
	No	Yes	Chemotherapy	Null	Surgery
	Yes	No	Surgery	Radiation Therapy	Targeted Therapy
	Yes	Yes	Immunotherapy	Null	Immunotherapy
No, 124681	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 125019	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy
No, 125028	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 125037	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
No, 125082	No	No	Targeted Therapy	Surgery	Targeted Therapy
No, 125091	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 125231	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy
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No. 1925   Vec   Proceed Internet   Proceed Inter	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No.   1906   1907   1908   1908   1909   1	No, 125310	Yes	Yes	Radiation Therapy	Null	Targeted Therapy	
No. 125012   Yes   Yes   Yes   No   Treated Throws   Security   Empire Characy   No. 125010   Yes   No   Residence Throws   Security   Empire Characy   No. 125010   Yes   No   Residence Throws   No. 125010   Yes   Yes   Residence Throws   Security   Empire Characy   No. 125010   Yes   Yes   Residence Throws   Security   Vest   No. 125010   Yes   Yes   Residence Throws   Security   Vest   No. 125010   Yes   Yes   Residence Throws   Security   Vest   No. 125010   Yes   Yes   Residence Throws   No. 125	No, 125471	Yes	Yes	Radiation Therapy	Surgery	Null	
	No, 125499	No	No	Targeted Therapy	Targeted Therapy	Surgery	
	No, 125727	Yes	Yes	Surgery	Null	Radiation Therapy	
No. 125100   No.	No, 126012	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
No. 1945   No.	No, 126030	Yes	No	Radiation Therapy	Surgery	Immunotherapy	
Mate	No, 126076	No	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No.   1502222   Yes   Yes   Cementerary   Forestherary   Cementerary   Cementerary   Forestherary   Cementerary   Ceme	No, 126100	No	Yes	Radiation Therapy	Surgery	Null	
No. 128-297         Yes         Chemotheray         Null         Chemotheray           No. 128-001         No. 128-002         No. 128-002         Yes         Chemotheray         Tarketd fineary           No. 128-002         No. 128-003         Yes         Yes         Chemotheray         Tarketd fineary           No. 128-003         No. 128-003         No. No. No. Rodiction fineary         Null         Rodiction fineary           No. 128-003         No. 128-003         No.	No, 126119	No	No	Immunotherapy	Radiation Therapy	Radiation Therapy	
No. 12562   No.   Vis.   Chember any Prepared Transp.   No.   September 1998   No.   Sept	No, 126207	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No. 1556552         No. 15565552         Yes         Yes         Chamothorapy         Mull         Targeted Therapy           No. 1506578         Yes         Yes         Backlation Therapy         Null         Targeted Therapy           No. 1506372         Yes         Surgery         Null         Surgery         Null         Surgery           No. 1206372         Yes         Surgery         Chametherapy         Null         Chametherapy           No. 1206372         Yes         Yes         Chametherapy         Null         Chametherapy           No. 1206379         Yes         Yes         Radiation Therapy         Null         Chametherapy           No. 120737         Yes         Yes         Radiation Therapy         Null         Chametherapy           No. 127238         Yes         Radiation Therapy         Radiation Therapy         Null         Chametherapy           No. 127237         Yes         Yes         Surgery         Null         Chametherapy           No. 127237         Yes         Yes         Surgery         Null         Chametherapy           No. 127237         Yes         No         Surgery         Null         Chametherapy           No. 127237         Yes         No	No, 126289	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No. 1568/8   Ves   Ves   Radiation Transp. Null   Radiation Transp. N	No, 126401	No	Yes	Surgery	Null	Null	
No. 1968   Yes   Yes   Mada ton Therapy   Null   Radiston Therapy   Null   Radiston Therapy   Null   Syrapy     No. 1969   Yes   Yes   Syrapy   Chamatherapy   Immunetherapy   Immunetherapy   Null   Chamatherapy   Immunetherapy   Null   Chamatherapy   Immunetherapy   Null   Chamatherapy   Null   Chamatherapy   Immunetherapy   Null   Chamatherapy   Null	No, 126562	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
No. 12891	No, 126669	Yes	Yes	Radiation Therapy	Null	Targeted Therapy	
No. 128681   No.   Vas.   Targetat Threury   Relation Threury   Targetat Threury   Relation Threury   Targetat Threury   No. 127978   Vas.   Immunotherapy   No. 127978   Vas.   Chamotherapy   No. 127978   Vas.   Chamotherapy   Relation Threury   Targetat Threury   Relation Threury   Targetat Threury   Relation Threury   Targetat Threury   Relation Threury   Targetat Threury   Relation Thr	No, 126678	Yes	Yes	Immunotherapy	Null	Radiation Therapy	
No. 12697 9 Ves Ves Ves Montherapy Null Chemotherapy Null Null Chemotherapy Null Null Null Null Null Null Null Nul	No, 126854	No	No	Radiation Therapy	Null	Surgery	
No. 12786   Ves   Ves   Chenotherapy   Null   Chenotherapy   Null   No. 12786   Ves   Radiation Therapy   Null   No. 12786   Ves   Radiation Therapy   Null   No. 12787   Ves   Ves   Radiation Therapy   Null   Surgery   No. 12787   Ves   Ves   Radiation Therapy   Null   Surgery   No. 12787   Ves   No   Chenotherapy   Null   Surgery   No. 12787   Ves   No   Chenotherapy   Null   Surgery   No. 12787   Ves   No   Chenotherapy   Radiation Therapy   Radiation Therapy   No. 12788   Ves   No   Targeted Therapy   Radiation Ther	No, 126872	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
No.   12721   No.   12722   No.   No.   12722   No.   No.   Radiation Thrapy   Radiation Thrapy   Targeted Thrapy   Immunotherapy   Immunoth	No, 126951	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No. 12728   Ves	No, 126979	Yes	Yes	Immunotherapy	Null	Chemotherapy	
No. 127273 Yes         Yes         Roduction Therapy for Largest Through (munuchterapy)         Immunotherapy (munuchterapy)           No. 127617 Yes         No         Chemotherapy         Surgery         Radiation Throrapy           No. 127741 Yes         No         Surgery         Chemotherapy         Radiation Throrapy           No. 127874 Yes         No         Surgery         Chemotherapy         Chemotherapy           No. 128795 No         No         Targeted Throrapy         Null         Surgery           No. 12818 Yes         No         Targeted Throrapy         Null         Surgery           No. 12828 Yes         No         Targeted Throrapy         Surgery           No. 12848 Yes         No         Targeted Throrapy         Surgery           No. 12849 No         No         Targeted Throrapy         Surgery           No. 12840 No         No         Targeted Throrapy         Surgery           No. 12868 No         No         Surgery         Mull         Immunotherapy           No. 12867 No         No         Surgery         Null         Targeted Throrapy           No. 12867 No         No         Surgery         Null         Targeted Throrapy           No. 128967 No         No         Chemotherapy         Nul	No, 127185	Yes	Yes	Chemotherapy	Immunotherapy	Null	
No. 12794   Ves	No, 127228	Yes	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No.   127617   Yes   No   Chemotherapy   Surgery   Radiation Therapy   No.   127741   Yes   No   Surgery   Chemotherapy   Radiation Therapy   No.   127895   Yes   No   Targeted Therapy   Targeted Therapy   No.   127895   No   No   Targeted Therapy   Noll   Surgery   No.   128189   Yes   No   Radiation Therapy   Null   Chemotherapy   Targeted Therapy   No.   128189   Yes   No   Chemotherapy   Targeted Therapy   Targeted Therapy   No.   128189   No   Yes   Surgery   Null   Immunotherapy   Targeted Therapy   No.   128189   No   Yes   Surgery   Null   Immunotherapy   Targeted Therapy   No.   128189   No   Yes   Surgery   Null   Immunotherapy   Targeted Therapy   No.   128189   No   Yes   Surgery   Null   Immunotherapy   Targeted Therapy   No.   128189   No   No   Surgery   Null   Targeted Therapy   No.   128189   No   No   Surgery   Null   Targeted Therapy   No.   128171   No   Yes   Immunotherapy   Null   Targeted Therapy   No.   128171   No   Yes   Immunotherapy   Null   Targeted Therapy   No.   128171   No   Yes   Immunotherapy   Null   Targeted Therapy   No.   128189   Yes   No   Chemotherapy   Chemotherapy   Chemotherapy   No.   128189   Yes   No   Chemotherapy   Chemotherapy   Null   Chemotherapy   No.   128189   Yes   Yes   Surgery   Surgery   Radiation Therapy   Immunotherapy   No.   128189   Yes   Yes   Surgery   Radiation Therapy   Immunotherapy   Null   Null   No.   128189   Yes   Yes   Surgery   Null   Null   Null   Null   No.   128189   Yes   Yes   Surgery   Null   Surgery   Null   Null   Null   No.   128189   Yes   Yes   Surgery   Null   Null   Null   Null   No.   128189   Yes   Yes   Surgery   Null   N	No, 127273	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No. 12774	No, 127389	No	Yes	Surgery	Null	Surgery	
No. 127839   Ves	No, 127617	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
No.         Targeted Therapy         Null         Surgery           No.         128179         Yes         No         Radiation Therapy         Null         Chemotherapy           No.         128188         Yes         No         Targeted Therapy         Surgery           No.         1282425         No         No         Chemotherapy         Chemotherapy           No.         128540         No         Yes         Surgery         Null           No.         1285683         No         No         Targeted Therapy         Chemotherapy           No.         1285683         No         No         Surgery         Immunotherapy           No.         128771         No         Yes         Immunotherapy         Null         Targeted Therapy           No.         128957         Yes         No         Chemotherapy         Chemotherapy           No.         129020         Yes         No         Chemotherapy         Chemotherapy           No.         1292428         Yes         Surgery         Surgery         Radiation Therapy           No.         1292428         Yes         Yes         Targeted Therapy         Null           No.         1292428         <	No, 127741	Yes	No	Surgery	Chemotherapy	Radiation Therapy	
No. 128179         Yes         No         Radiation Therapy         Null         Chemotherapy           No. 128188         Yes         No         Targeted Therapy         Surgery         Montherapy         Chemotherapy         Chemotherapy         No           No. 128586         No         Yes         Surgery         Null         Immunotherapy           No. 128586         Yes         No         Targeted Therapy         Chemotherapy         Chemotherapy           No. 128726         No         No         Surgery         Null         Targeted Therapy           No. 128727         No         No         Surgery         Null         Targeted Therapy           No. 128771         No         Yes         Immunotherapy         Null         Targeted Therapy           No. 129020         No         No         Immunotherapy         Null         Chemotherapy           No. 129520         Yes         Chemotherapy         Chemotherapy         Targeted Therapy           No. 129524         Yes         Surgery         Radiation Therapy         Immunotherapy           No. 129524         Yes         Targeted Therapy         Null           No. 129525         Yes         No         Radiation Therapy         Null     <	No, 127839	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
No. 128188         Ves         No         Targeted Therapy         Surgery           No. 128426         No         No         Chemotherapy         Chemotherapy         Chemotherapy           No. 128540         No         Yes         Surgery         Null         Immunotherapy           No. 128686         Yes         No         Targeted Therapy         Chemotherapy         Radiation Therapy           No. 128766         No         No         Surgery         Immunotherapy         Radiation Therapy           No. 128771         No         Yes         Immunotherapy         Null         Targeted Therapy           No. 128975         Yes         No         Chemotherapy         Chemotherapy         Chemotherapy           No. 128976         No         No         Mull         Targeted Therapy         No           No. 128976         Yes         No         Chemotherapy         Chemotherapy         Null           No. 128977         Yes         No         Chemotherapy         Radiation Therapy         Nadiation Therapy           No. 128978         Yes         Surgery         Radiation Therapy         Radiation Therapy           No. 128978         Yes         No         Radiation Therapy         Null <tr< td=""><td>No, 127954</td><td>No</td><td>No</td><td>Targeted Therapy</td><td>Null</td><td>Surgery</td><td></td></tr<>	No, 127954	No	No	Targeted Therapy	Null	Surgery	
No. 128425         No         No         Chemotherapy         Chemotherapy         Targeted Therapy           No. 128584         No         Yes         Surgery         Null         Immunotherapy           No. 128585         Ves         No         Targeted Therapy         Chemotherapy         Radiation Therapy           No. 128676         No         No         Surgery         Null         Targeted Therapy           No. 128777         No         Yes         Immunotherapy         Null         Targeted Therapy           No. 128957         Ves         No         Chemotherapy         Null         Targeted Therapy           No. 128957         Ves         No         Chemotherapy         Chemotherapy         Chemotherapy           No. 129002         No         No         No         Immunotherapy         Null         Chemotherapy           No. 129154         Yes         Yes         Surgery         Surgery         Radiation Therapy           No. 129426         Yes         Yes         Immunotherapy         Null           No. 129525         Yes         No         Radiation Therapy         Null           No. 129525         Yes         No         Radiation Therapy         Null <t< td=""><td>No, 128179</td><td>Yes</td><td>No</td><td>Radiation Therapy</td><td>Null</td><td>Chemotherapy</td><td></td></t<>	No, 128179	Yes	No	Radiation Therapy	Null	Chemotherapy	
No. 128540         No         Yes         Surgery         Null         Immunotherapy           No. 128586         Yes         No         Targeted Therapy         Chemotherapy         Surgery           No. 128726         No         No         Surgery         Null         Targeted Therapy           No. 128771         No         Ves         Immunotherapy         Null         Targeted Therapy           No. 128957         Yes         No         Chemotherapy         Chemotherapy         Chemotherapy           No. 129020         No         No         Immunotherapy         Null         Chemotherapy           No. 129020         Yes         Yes         Chemotherapy         Radiation Therapy           No. 129424         Yes         Yes         Surgery         Radiation Therapy           No. 129428         Yes         Yes         Immunotherapy         Immunotherapy           No. 129525         Yes         No         Radiation Therapy         Null           No. 129640         Yes         Immunotherapy         Null           No. 129650         Yes         No         Radiation Therapy         Null           No. 129665         Yes         Yes         Surgery         Null	No, 128188	Yes	No	Targeted Therapy	Targeted Therapy	Surgery	
No. 128586         Yes         No         Targeted Therapy         Chemotherapy         Surgery           No. 1282683         No         No         Surgery         Immunotherapy         Radiation Therapy           No. 128276         No         No         Surgery         Null         Targeted Therapy           No. 1282771         No         Yes         Immunotherapy         Null         Targeted Therapy           No. 128957         Yes         No         Chemotherapy         Chemotherapy         Chemotherapy           No. 129002         No         No         Immunotherapy         Null         Chemotherapy           No. 129002         Yes         Chemotherapy         Null         Chemotherapy           No. 129014         Yes         Yes         Surgery         Radiation Therapy           No. 129242         Yes         Yes         Targeted Therapy         Radiation Therapy           No. 129428         Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           No. 129525         Yes         No         Radiation Therapy         Null         Null           No. 129695         Yes         No         Radiation Therapy         Null         Null <td< td=""><td>No, 128425</td><td>No</td><td>No</td><td>Chemotherapy</td><td>Chemotherapy</td><td>Targeted Therapy</td><td></td></td<>	No, 128425	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 128683 No No Surgery Immunotherapy Radiation Therapy No, 128776 No No Surgery Null Targeted Therapy No, 128771 No Yes Immunotherapy Null Targeted Therapy No, 128957 Yes No Chemotherapy Chemotherapy Chemotherapy Null Chemotherapy No, 129002 No No Immunotherapy Null Chemotherapy No, 129002 No No Immunotherapy Null Chemotherapy No, 129002 Yes Yes Chemotherapy Radiation Therapy Targeted Therapy No, 129154 Yes Yes Surgery Surgery Radiation Therapy Null No, 129428 Yes Yes Immunotherapy Immunotherapy Null No, 129525 Yes No Radiation Therapy Null No, 129525 Yes No Radiation Therapy Targeted Therapy Null No, 129504 No Yes Immunotherapy Null No, 129505 Yes No Radiation Therapy Null No, 129505 Yes No Radiation Therapy Null Radiation Therapy Null No, 129505 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy Null No, 129605 Yes Chemotherapy Chemotherapy Chemotherapy Null No, 129605 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129605 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129605 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129605 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129605 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129606 No No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129606 No No No Targeted Therapy Chemotherapy Null No, 129606 No No No Targeted Therapy Chemotherapy Null No, 129606 No No No Targeted Therapy Chemotherapy Null No, 129606 No No No Targeted Therapy Null No, 129606 No No No Targeted Therapy Null No, 129	No, 128540	No	Yes	Surgery	Null	Immunotherapy	
No. 128726 No No Surgery Null Targeted Therapy No. 128751 No Yes Immunotherapy Null Targeted Therapy No. 128957 Yes No Chemotherapy Chemotherapy Chemotherapy No. 129002 No No Immunotherapy Null Chemotherapy No. 129002 Yes Yes Chemotherapy Radiation Therapy No. 129154 Yes Yes Surgery Surgery Radiation Therapy No. 129242 Yes Yes Targeted Therapy Radiation Therapy No. 129242 Yes Yes Immunotherapy Immunotherapy Immunotherapy No. 129255 Yes No Radiation Therapy Null Null No. 129543 Yes No Radiation Therapy Targeted Therapy Null No. 129540 No Yes Immunotherapy Null Radiation Therapy No. 129640 No Yes Immunotherapy Null Radiation Therapy No. 129656 No Yes Immunotherapy Null Surgery No. 129756 No Yes Immunotherapy Chemotherapy Chemotherapy No. 129740 No Yes Chemotherapy Chemotherapy Chemotherapy No. 129932 No Yes Chemotherapy Chemotherapy Immunotherapy Null No. 129930 No No Targeted Therapy Chemotherapy Null No. 129930 No No Targeted Therapy Chemotherapy Null No. 129940 No No Targeted Therapy Chemotherapy Null No. 129940 No Yes Chemotherapy Chemotherapy Chemotherapy Null No. 129940 No Yes Chemotherapy Chemotherapy Chemotherapy Null No. 129940 No No Targeted Therapy Chemotherapy Null No. 129940 No No Targeted Therapy Chemotherapy Null	No, 128586	Yes	No	Targeted Therapy	Chemotherapy	Surgery	
No. 128771 No Yes Immunotherapy Null Targeted Therapy No. 128957 Yes No Chemotherapy Chemotherapy Chemotherapy No. 129002 No No Immunotherapy Null Chemotherapy No. 129002 Yes Yes Chemotherapy Radiation Therapy No. 129154 Yes Yes Surgery Surgery Radiation Therapy No. 129242 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy No. 129428 Yes Yes Immunotherapy Immunotherapy No. 129428 Yes Yes Immunotherapy Null Null No. 129543 Yes No Radiation Therapy Null No. 129543 Yes No Radiation Therapy Null No. 129543 Yes No Radiation Therapy Null No. 129540 No Yes Immunotherapy Null Radiation Therapy No. 129640 No Yes Immunotherapy Null Radiation Therapy No. 129569 Yes Yes Surgery Null Surgery No. 129650 No Yes Immunotherapy Null Targeted Therapy No. 129760 No Yes Immunotherapy Null Targeted Therapy No. 129774 No Yes Chemotherapy Chemotherapy Chemotherapy Null No. 129932 No Yes Chemotherapy Immunotherapy Null No. 129930 No No Targeted Therapy Chemotherapy Targeted Therapy No. 129930 No No Targeted Therapy Chemotherapy Targeted Therapy No. 129930 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 128683	No	No	Surgery	Immunotherapy	Radiation Therapy	
No, 128957 Yes No Chemotherapy Chemotherapy Chemotherapy No, 129002 No No Immunotherapy Null Chemotherapy No, 129020 Yes Yes Chemotherapy Radiation Therapy No, 129154 Yes Yes Surgery Surgery Radiation Therapy No, 129154 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy No, 129428 Yes Yes Immunotherapy Immunotherapy No, 129428 Yes No Radiation Therapy Null Null No, 129543 Yes No Radiation Therapy Targeted Therapy Null No, 129540 No Yes Immunotherapy Null Radiation Therapy No, 129640 No Yes Immunotherapy Null Surgery No, 129695 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129930 No No Targeted Therapy Chemotherapy Null No, 129930 No No Targeted Therapy Chemotherapy Null No, 129930 No No Targeted Therapy Null No, 129930 No No Targeted Therapy Chemotherapy Null No, 129930 No No Targeted Therapy Null Null Null Null Null Null Null Nul	No, 128726	No	No	Surgery	Null	Targeted Therapy	
No, 129020 Ves Ves Chemotherapy Radiation Therapy Null Chemotherapy No, 129040 Ves Ves Chemotherapy Radiation Therapy Targeted Therapy No, 129154 Ves Ves Surgery Surgery Radiation Therapy No, 129242 Ves Ves Targeted Therapy Radiation Therapy No, 129248 Ves Ves Immunotherapy Immunotherapy Immunotherapy No, 129525 Ves No Radiation Therapy Null Null No, 129543 Ves No Radiation Therapy Null Null No, 129640 No Ves Immunotherapy Null Radiation Therapy Null Radiation Therapy Null Radiation Therapy No, 129655 Ves Ves Surgery Null Surgery No, 129656 No Ves Immunotherapy Null Targeted Therapy Null Targeted Therapy No, 129774 No Ves Chemotherapy Chemotherapy Chemotherapy Null No, 129932 No Ves Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129969 No No Targeted Therapy Targeted Therapy Targeted Therapy Null No, 129969 No No Targeted Therapy Targeted Therapy Targeted Therapy Null No, 129969 No No Targeted Therapy Targeted Therapy Targeted Therapy Null No, 129969 No No Targeted Therapy Targeted Therapy Targeted Therapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 128771	No	Yes	Immunotherapy	Null	Targeted Therapy	
No, 129020 Yes Yes Chemotherapy Radiation Therapy Targeted Therapy No, 129154 Yes Yes Surgery Surgery Radiation Therapy No, 129242 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy No, 129428 Yes Yes Immunotherapy Immunotherapy Surgery No, 129428 Yes No Radiation Therapy Null Null No, 129525 Yes No Radiation Therapy Targeted Therapy Null No, 129543 Yes No Radiation Therapy Null Radiation Therapy No, 129640 No Yes Immunotherapy Null Radiation Therapy No, 129695 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 128957	Yes	No	Chemotherapy	Chemotherapy	Chemotherapy	
No, 129154 Yes Yes Yes Surgery Surgery Radiation Therapy No, 129242 Yes Yes Yes Immunotherapy Immunotherapy No, 129428 Yes Yes Immunotherapy Immunotherapy Surgery No, 129525 Yes No Radiation Therapy Null Null No, 129543 Yes No Radiation Therapy Targeted Therapy Null No, 129640 No Yes Immunotherapy Null Radiation Therapy No, 129655 Yes Yes Surgery Null Surgery No, 129656 No Yes Immunotherapy Null Targeted Therapy No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 129002	No	No	Immunotherapy	Null	Chemotherapy	
No, 129242 Yes Yes Yes Immunotherapy Immunotherapy Surgery  No, 129525 Yes No Radiation Therapy Null Null  No, 129543 Yes No Radiation Therapy Targeted Therapy Null  No, 129540 No Yes Immunotherapy Null Radiation Therapy  No, 129650 Yes Yes Surgery Null Radiation Therapy  No, 129650 Yes Yes Surgery Null Surgery  No, 129756 No Yes Immunotherapy Null Targeted Therapy  No, 129774 No Yes Chemotherapy Chemotherapy  No, 129932 No Yes Chemotherapy Immunotherapy Null  No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy  Nol Targeted Therapy Targeted Therapy  Null Targeted Therapy  Chemotherapy Chemotherapy  Null  Nol Targeted Therapy Targeted Therapy  Null  Nol Targeted Therapy Chemotherapy  Null  Nol Targeted Therapy Targeted Therapy  Null	No, 129020	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
No, 129428 Yes Yes Immunotherapy Immunotherapy Surgery  No, 129525 Yes No Radiation Therapy Null Null  No, 129543 Yes No Radiation Therapy Targeted Therapy Null  No, 129640 No Yes Immunotherapy Null Radiation Therapy  No, 129695 Yes Yes Surgery Null Surgery  No, 129756 No Yes Immunotherapy Null Targeted Therapy  No, 129774 No Yes Chemotherapy Chemotherapy  No, 12932 No Yes Chemotherapy Immunotherapy Null  No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy  Targeted Therapy Chemotherapy Chemotherapy  Null  Targeted Therapy  Null  Targeted Therapy  Chemotherapy  Targeted Therapy  Null  No, 129969 No No Targeted Therapy Chemotherapy  Targeted Therapy  Targeted Therapy  Targeted Therapy	No, 129154	Yes	Yes	Surgery	Surgery	Radiation Therapy	
No, 129525 Yes No Radiation Therapy Null Null No, 129543 Yes No Radiation Therapy Targeted Therapy Null No, 129640 No Yes Immunotherapy Null Radiation Therapy No, 129695 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy No, 12932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy Nol Targeted Therapy Chemotherapy Null Nol Targeted Therapy Chemotherapy Null Nol Targeted Therapy Chemotherapy Null Nol Targeted Therapy Chemotherapy Targeted Therapy	No, 129242	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
No, 129543 Yes No Radiation Therapy Targeted Therapy Null No, 129640 No Yes Immunotherapy Null Radiation Therapy No, 129695 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 129428	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
No, 129640 No Yes Immunotherapy Null Radiation Therapy No, 129695 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 129525	Yes	No	Radiation Therapy	Null	Null	
No, 12965 Yes Yes Surgery Null Surgery No, 129756 No Yes Immunotherapy Null Targeted Therapy No, 129774 No Yes Chemotherapy Chemotherapy Chemotherapy No, 129932 No Yes Chemotherapy Immunotherapy Null No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 129543	Yes	No	Radiation Therapy	Targeted Therapy	Null	
No, 129756NoYesImmunotherapyNullTargeted TherapyNo, 129774NoYesChemotherapyChemotherapyChemotherapyNo, 129932NoYesChemotherapyImmunotherapyNullNo, 129969NoNoTargeted TherapyTargeted Therapy	No, 129640	No	Yes	Immunotherapy	Null	Radiation Therapy	
No, 129774NoYesChemotherapyChemotherapyChemotherapyNo, 129932NoYesChemotherapyImmunotherapyNullNo, 129969NoNoTargeted TherapyChemotherapyTargeted Therapy	No, 129695	Yes	Yes	Surgery	Null	Surgery	
No, 129932NoYesChemotherapyImmunotherapyNullNo, 129969NoNoTargeted TherapyChemotherapyTargeted Therapy	No, 129756	No	Yes	Immunotherapy	Null	Targeted Therapy	
No, 129969 No No Targeted Therapy Chemotherapy Targeted Therapy	No, 129774	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy	
	No, 129932	No	Yes	Chemotherapy	Immunotherapy	Null	
0 1	No, 129969	No	No	Targeted Therapy	Chemotherapy	Targeted Therapy	
						0	 1 2

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 130040	Yes	Yes	Immunotherapy	Chemotherapy	Immunotherapy	
No, 130129	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 130174	Yes	No	Targeted Therapy	Chemotherapy	Null	
No, 130183	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 130226	No	No	Radiation Therapy	Null	Surgery	
No, 130253	Yes	No	Surgery	Null	Immunotherapy	
No, 130396	Yes	Yes	Chemotherapy	Null	Surgery	
No, 130448	No	Yes	Radiation Therapy	Null	Immunotherapy	
No, 130493	No	Yes	Targeted Therapy	Null	Null	
No, 130785	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy	
No, 130837	Yes	No	Chemotherapy	Null	Targeted Therapy	
No, 130873	No	No	Radiation Therapy	Chemotherapy	Chemotherapy	
No, 130891	No	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 130907	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 130916	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 130989	No	No	Radiation Therapy	Null	Chemotherapy	
		No	Radiation Therapy	Surgery	Immunotherapy	
No, 131098	Yes	Yes	Targeted Therapy	Null	Immunotherapy	
No, 131113	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy	
No, 131283	Yes	Yes	Surgery	Targeted Therapy	Targeted Therapy	
No, 131308	Yes	No	Surgery	Radiation Therapy	Immunotherapy	
	Yes	No	Chemotherapy	Chemotherapy	Null	
No, 131405	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy	
No, 131496	No	No	Chemotherapy	Surgery	Radiation Therapy	
No, 131520	Yes	No	Chemotherapy	Targeted Therapy	Null	
No, 131742	Yes	No	Radiation Therapy	Null	Radiation Therapy	
No, 131803	Yes	No	Immunotherapy	Surgery	Chemotherapy	
	No	Yes	Surgery	Null	Null	
No, 132268	Yes	Yes	Surgery	Null	Surgery	
No, 132374	Yes	Yes	Surgery	Surgery	Null	
	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
	No	Yes	Immunotherapy	Null	Surgery	
	Yes	Yes	Chemotherapy	Targeted Therapy	Null	
No, 132709	No	No	Targeted Therapy	Immunotherapy	Null	
		Yes	Targeted Therapy	Null	Null	
No, 132879	No	No	Immunotherapy	Surgery	Targeted Therapy	
	Yes	Yes	Radiation Therapy	Null	Null	
No, 133386	Yes	No	Chemotherapy	Targeted Therapy	Surgery	
No, 133508	No	No	Chemotherapy	Immunotherapy	Null	
No, 133526	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
No, 133669	No	No	Surgery	Null	Surgery	
	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy	
	No	No	Chemotherapy	Immunotherapy	Null	
No, 133711	Yes	Yes	Targeted Therapy	Null	Immunotherapy	
No, 133942	No	Yes	Immunotherapy	Surgery	Chemotherapy	
	No	No	Surgery	Chemotherapy	Chemotherapy	
No, 134097	No	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 134121	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 134121 No, 134130		Yes	Chemotherapy		Radiation Therapy	
110, 134130	Yes	162	Спепиоспегару	Immunotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 134228	No	Yes	Surgery	Null	Chemotherapy	
No, 134495	No	No	Immunotherapy	Null	Chemotherapy	
No, 134510	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy	
No, 134574	No	No	Immunotherapy	Null	Targeted Therapy	
No, 134608	No	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 134714	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 135081	No	No	Immunotherapy	Null	Null	
No, 135188	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	
No, 135294	Yes	No	Targeted Therapy	Null	Chemotherapy	
No, 135391	Yes	No	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 135407	Yes	Yes	Targeted Therapy	Null	Chemotherapy	
No, 135610	Yes	No	Immunotherapy	Null	Surgery	
No, 135647	No	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 135726	Yes	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 135735	No	No	Surgery	Surgery	Null	
No, 135771	No	No	Immunotherapy	Surgery	Chemotherapy	
No, 135939	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 135957	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 136048	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy	
No, 136075	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 136172	Yes	Yes	Immunotherapy	Null	Chemotherapy	
No, 136206	No	Yes	Immunotherapy	Radiation Therapy	Surgery	
No, 136215	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy	
No, 136233	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy	
No, 136251	No	Yes	Chemotherapy	Null	Chemotherapy	
No, 136288	No	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 136330	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 136358	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 136400	Yes	No	Surgery	Null	Immunotherapy	
No, 136516	No	Yes	Radiation Therapy	Chemotherapy	Chemotherapy	
No, 136701	No	No	Surgery	Immunotherapy	Chemotherapy	
No, 136783	No	Yes	Surgery	Targeted Therapy	Surgery	
No, 136950	Yes	No	Surgery	Chemotherapy	Radiation Therapy	
No, 137078	No	Yes	Targeted Therapy	Surgery	Radiation Therapy	
No, 137087	Yes	Yes	Surgery	Null	Targeted Therapy	
No, 137096	No	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 137120	Yes	No	Chemotherapy	Immunotherapy	Null	
No, 137148	No	No	Surgery	Surgery	Surgery	
No, 137209	No	No	Targeted Therapy	Null	Null	
No, 137245	Yes	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 137272	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 137281	Yes	Yes	Surgery	Surgery	Targeted Therapy	
No, 137351	No	No	Radiation Therapy	Surgery	Null	
No, 137537	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
No, 137546	No	No	Immunotherapy	Immunotherapy	Null	
No, 137591	Yes	No	Chemotherapy	Surgery	Immunotherapy	
No, 137713	No	Yes	Chemotherapy	Immunotherapy	Surgery	
No, 137759	No	No	Immunotherapy	Immunotherapy	Immunotherapy	
No, 137777	Yes	Yes	Immunotherapy	Chemotherapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 137801	No	Yes	Radiation Therapy	Chemotherapy	Surgery		
No, 137810	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy		
No, 137865	No	Yes	Radiation Therapy	Null	Immunotherapy		
No, 137953	Yes	No	Surgery	Chemotherapy	Chemotherapy		
No, 137962	Yes	Yes	Chemotherapy	Null	Surgery		
No, 138132	No	Yes	Chemotherapy	Surgery	Radiation Therapy		
No, 138187	No	No	Immunotherapy	Chemotherapy	Immunotherapy		
No, 138275	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
No, 138309	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy		
No, 138354	Yes	No	Surgery	Null	Surgery		
No, 138372	No	No	Targeted Therapy	Surgery	Radiation Therapy		
No, 138488	No	Yes	Chemotherapy	Surgery	Radiation Therapy		
No, 138600	No	Yes	Chemotherapy	Radiation Therapy	Surgery		
No, 138655	No	No	Chemotherapy	Immunotherapy	Immunotherapy		
No, 138664	No	No	Chemotherapy	Radiation Therapy	Surgery		
No, 138682	Yes	No	Chemotherapy	Null	Chemotherapy		
No, 138716	No	No	Surgery	Immunotherapy	Targeted Therapy		
No, 138761	No	Yes	Immunotherapy	Chemotherapy	Immunotherapy		
No, 138868	No	No	Immunotherapy	Radiation Therapy	Null		
No, 138938	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy		
No, 138983	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy		
No, 139205	No	Yes	Chemotherapy	Null	Immunotherapy		
No, 139214	Yes	Yes	Immunotherapy	Chemotherapy	Radiation Therapy		
No, 139278	No	No	Immunotherapy	Chemotherapy	Null		
No, 139287	Yes	Yes	Surgery	Null	Targeted Therapy		
No, 139357	No	Yes	Chemotherapy	Null	Null		
No, 139366	Yes	Yes	Surgery	Immunotherapy	Null		
No, 139393	No	Yes	Surgery	Null	Surgery		
No, 139463	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy		
No, 139630	No	No	Targeted Therapy	Chemotherapy	Surgery		
No, 139658	No	Yes	Surgery	Surgery	Null		
No, 139700	Yes	Yes	Surgery	Null	Chemotherapy		
No, 139746	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy		
No, 139755	No	No	Surgery	Targeted Therapy	Surgery		
No, 139764	No	Yes	Surgery	Chemotherapy	Radiation Therapy		
No, 139773	Yes	No	Surgery	Surgery	Radiation Therapy		
No, 139904	Yes	No	Chemotherapy	Radiation Therapy	Surgery		
No, 139931	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy		
No, 139959	Yes	No	Radiation Therapy	Null	Radiation Therapy		
No, 139986	Yes	No	Surgery	Chemotherapy	Null		
No, 140085	No	Yes	Immunotherapy	Radiation Therapy	Surgery		
No, 140146	Yes	Yes	Immunotherapy	Immunotherapy	Surgery		
No, 140164	No	No	Surgery	Targeted Therapy	Chemotherapy		
No, 140234	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy		
No, 140252	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy		
No, 140322	No	Yes	Surgery	Surgery	Null		
No, 140331	No	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy		
No, 140447	Yes	No	Targeted Therapy	Targeted Therapy	Targeted Therapy		
No, 140553	Yes	Yes	Surgery	Surgery	Surgery		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 140599	No	Yes	Immunotherapy	Surgery	Chemotherapy
No, 140678	No	Yes	Surgery	Targeted Therapy	Immunotherapy
No, 140818	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
No, 140951	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy
No, 141015	No	Yes	Chemotherapy	Null	Radiation Therapy
No, 141060	Yes	No	Radiation Therapy	Surgery	Null
	No	Yes	Surgery	Null	Immunotherapy
	No	No	Surgery	Chemotherapy	Null
	Yes	No	Immunotherapy	Chemotherapy	Null
	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
No, 141325	No	No	Immunotherapy	Immunotherapy	Targeted Therapy
	No	No	Chemotherapy	Null	Immunotherapy
No, 141486	No	Yes	Radiation Therapy	Chemotherapy	Null
	No	Yes			
No, 141505 No, 141574			Chemotherapy	Targeted Therapy	Surgery Padiation Thorany
	Yes	No No	Surgery Padiation Thorany	Chemotherapy Null	Radiation Therapy
			Radiation Therapy		Immunotherapy
No, 141680	No	No	Surgery	Immunotherapy	Immunotherapy
	No	No	Immunotherapy	Radiation Therapy	Chemotherapy
	No	Yes	Targeted Therapy	Null	Chemotherapy
	No	No	Chemotherapy	Null	Chemotherapy
	Yes	No	Radiation Therapy	Null	Null
	No	No	Radiation Therapy	Immunotherapy	Immunotherapy
	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
	No	No	Immunotherapy	Null	Targeted Therapy
	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery
No, 142285	No	Yes	Surgery	Chemotherapy	Immunotherapy
No, 142337	Yes	No	Targeted Therapy	Radiation Therapy	Null
No, 142407	No	Yes	Chemotherapy	Null	Targeted Therapy
No, 142443	No	Yes	Chemotherapy	Null	Targeted Therapy
No, 142461	No	Yes	Immunotherapy	Surgery	Surgery
No, 142522	Yes	No	Chemotherapy	Surgery	Targeted Therapy
No, 142559	Yes	Yes	Immunotherapy	Null	Null
No, 142878	Yes	No	Immunotherapy	Null	Null
	Yes	No	Targeted Therapy	Null	Immunotherapy
No, 143215	Yes	No	Surgery	Null	Immunotherapy
	No	No	Immunotherapy	Surgery	Immunotherapy
No, 143288	No	Yes	Surgery	Chemotherapy	Surgery
	No	Yes	Radiation Therapy	Surgery	Radiation Therapy
	No	Yes	Surgery	Surgery	Radiation Therapy
	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery
	No				
		No	Targeted Therapy	Immunotherapy	Chemotherapy
	No	No	Chemotherapy	Chemotherapy	Immunotherapy
No, 143534	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy
No, 143543	Yes	No	Chemotherapy	Surgery	Targeted Therapy
No, 143552	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
	Yes	No	Targeted Therapy	Immunotherapy	Immunotherapy
	No	No	Surgery	Null	Null
No, 144218	No	Yes	Chemotherapy	Surgery	Immunotherapy
No, 144281	No	Yes	Surgery	Null	Null

atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 144351	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
No, 144467	Yes	No	Immunotherapy	Targeted Therapy	Null
No, 144485	Yes	No	Targeted Therapy	Immunotherapy	Targeted Therapy
No, 144500	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 144573	Yes	Yes	Immunotherapy	Immunotherapy	Targeted Therapy
No, 144740	No	Yes	Targeted Therapy	Chemotherapy	Chemotherapy
No, 144759	Yes	No	Radiation Therapy	Null	Null
No, 144795	No	No	Radiation Therapy	Chemotherapy	Chemotherapy
	Yes	No	Immunotherapy	Immunotherapy	Immunotherapy
	No	No	Surgery	Surgery	Chemotherapy
	Yes	No	Surgery	Null	Targeted Therapy
	Yes	No	Radiation Therapy	Chemotherapy	Chemotherapy
	No	No	Targeted Therapy	Immunotherapy	Chemotherapy
	Yes	No	Chemotherapy	Surgery	Immunotherapy
	Yes	No	Chemotherapy	Null	Chemotherapy
	Yes	Yes	Targeted Therapy		Immunotherapy
	Yes	Yes		Surgery Padiation Thorany	
			Immunotherapy	Radiation Therapy	Chemotherapy
	Yes	No	Targeted Therapy	Null	Null
	No	No	Surgery	Surgery	Targeted Therapy
	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy
	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy
	Yes	No	Radiation Therapy	Radiation Therapy	Chemotherapy
	Yes	Yes	Surgery	Surgery	Targeted Therapy
	No	No	Immunotherapy	Surgery	Chemotherapy
	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery
	Yes	Yes	Chemotherapy	Immunotherapy	Surgery
	Yes	No	Radiation Therapy	Surgery	Surgery
No, 146490	Yes	No	Immunotherapy	Targeted Therapy	Targeted Therapy
No, 146533	No	No	Immunotherapy	Radiation Therapy	Null
No, 146603	No	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 146612	Yes	No	Chemotherapy	Radiation Therapy	Surgery
No, 146667	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
No, 146676	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 146700	Yes	No	Immunotherapy	Null	Radiation Therapy
No, 146791	No	No	Targeted Therapy	Chemotherapy	Immunotherapy
No, 146816	No	Yes	Targeted Therapy	Null	Null
	Yes	No	Chemotherapy	Chemotherapy	Null
	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy
	No	No	Targeted Therapy	Radiation Therapy	Radiation Therapy
		No	Chemotherapy	Targeted Therapy	Radiation Therapy
	No	Yes	Surgery	Surgery	Immunotherapy
	Yes				
		Yes	Surgery	Targeted Therapy	Radiation Therapy
	Yes	Yes	Immunotherapy	Immunotherapy	Surgery Dadiation Thorsand
	No	Yes	Surgery	Immunotherapy	Radiation Therapy
	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
	Yes	No	Immunotherapy	Null	Null
	Yes	No	Chemotherapy	Targeted Therapy	Null
	Yes	Yes	Chemotherapy	Null	Null
No, 147828	Yes	No	Targeted Therapy	Null	Null

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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 148007	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy	
No, 148016	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 148098	No	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 148131	Yes	Yes	Surgery	Null	Chemotherapy	
No, 148140	No	Yes	Immunotherapy	Null	Radiation Therapy	
No, 148177	No	No	Radiation Therapy	Null	Radiation Therapy	
No, 148292	No	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 148380	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 148575	No	Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
No, 148821	No	No	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 148849	Yes	No	Targeted Therapy	Null	Chemotherapy	
No, 148937	No	No	Chemotherapy	Surgery	Immunotherapy	
No, 148955	No	No	Surgery	Surgery	Chemotherapy	
No, 149204	Yes	No	Immunotherapy	Immunotherapy	Immunotherapy	
No, 149329	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 149532	Yes	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 149550	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 149639	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 149727	No	No	Chemotherapy	Targeted Therapy	Null	
No, 149781	Yes	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 149842	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 150066	Yes	No	Chemotherapy	Radiation Therapy	Surgery	
No, 150136	Yes	No	Chemotherapy	Chemotherapy	Chemotherapy	
No, 150145	Yes	Yes	Surgery	Targeted Therapy	Null	
No, 150172	Yes	Yes	Surgery	Radiation Therapy	Chemotherapy	
No, 150215	Yes	Yes	Radiation Therapy	Surgery	Null	
No, 150288	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 150400	Yes	Yes	Surgery	Surgery	Radiation Therapy	
No, 150455	Yes	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 150640	No	No	Surgery	Radiation Therapy	Targeted Therapy	
No, 150677	Yes	No	Immunotherapy	Surgery	Chemotherapy	
No, 150756	No	Yes	Chemotherapy	Immunotherapy	Surgery	
No, 150765	Yes	No	Immunotherapy	Null	Surgery	
No, 150774	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 150987		No	Surgery	Null	Radiation Therapy	
No, 151111		Yes	Radiation Therapy	Chemotherapy	Surgery	
No, 151290		Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 151306	No	No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 151342	No	Yes	Targeted Therapy	Surgery	Immunotherapy	
No, 151351	Yes	No	Immunotherapy	Immunotherapy	Null	
No, 151388	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
No, 151458	No	No	Surgery	Null	Immunotherapy	
No, 151485	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 151494	No	Yes	Radiation Therapy	Surgery	Null	
No, 151519	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 151537		No	Targeted Therapy	Radiation Therapy	Radiation Therapy	
No, 151564	Yes	No	Chemotherapy	Radiation Therapy	Null	
No, 151661	Yes	No	Immunotherapy	Radiation Therapy	Surgery	
No, 151829	No	No	Chemotherapy	Null	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 151874	No	Yes	Radiation Therapy	Null	Chemotherapy	
No, 151944	Yes	Yes	Targeted Therapy	Null	Null	
No, 152044	Yes	No	Immunotherapy	Targeted Therapy	Surgery	
No, 152099	No	No	Targeted Therapy	Surgery	Null	
No, 152150	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 152220	No	No	Chemotherapy	Radiation Therapy	Null	
No, 152248	No	No	Immunotherapy	Null	Null	
No, 152266	No	Yes	Surgery	Null	Chemotherapy	
No, 152309	Yes	No	Radiation Therapy	Radiation Therapy	Surgery	
No, 152327	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 152336	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 152363	No	Yes	Surgery	Chemotherapy	Chemotherapy	
No, 152390	No	No	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 152451	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 152567	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
No, 152673	Yes	Yes	Immunotherapy	Immunotherapy	Null	
No, 153092		No	Surgery	Targeted Therapy	Radiation Therapy	
No, 153144	Yes	Yes	Radiation Therapy	Null	Surgery	
No, 153171	Yes	No	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 153214	Yes	Yes	Targeted Therapy	Null	Immunotherapy	
No, 153250	Yes	No	Immunotherapy	Null	Targeted Therapy	
No, 153296	No	Yes	Chemotherapy	Targeted Therapy	Null	
No, 153302	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 153366	Yes	No	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 153375	No	Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 153384	No	Yes	Surgery	Chemotherapy	Immunotherapy	
No, 153418	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 153445	Yes	No	Immunotherapy	Surgery	Null	
No, 153472	No	Yes	Immunotherapy	Surgery	Chemotherapy	
No, 153542	Yes	Yes	Immunotherapy	Immunotherapy	Immunotherapy	
No, 153588	No	Yes	Chemotherapy	Radiation Therapy	Null	
No, 153597	Yes	No	Surgery	Targeted Therapy	Radiation Therapy	
No, 153603	Yes	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 153630	No	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 153737		No	Immunotherapy	Radiation Therapy	Null	
No, 153746	No	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 153764		No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 153834	No	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 154004	No No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy	
No, 154059 No, 154101	No Yes	Yes	Surgery	Null	Chemotherapy	
			Surgery Radiation Therapy		Targeted Therapy	
No, 154129 No, 154165	Yes No	Yes	Radiation Therapy	Surgery Radiation Therapy	Targeted Therapy Targeted Therapy	
No, 154174		No	Surgery		Chemotherapy	
No, 154174 No, 154235	Yes	No	Surgery	Surgery Immunotherapy		
No, 154235 No, 154341	No	Yes	Surgery Immunotherapy	Chemotherapy	Targeted Therapy Surgery	
No, 154341	Yes	No	Targeted Therapy	Chemotherapy	Surgery	
No, 154396	Yes	No	Targeted Therapy	Null	Surgery	
No, 154396 No, 154448	No	No	Immunotherapy	Chemotherapy	Surgery	
110, 134440	140	140	пппапоспетару	спетноспегару		
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No. 1546457 No	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No. 154033 No.   Ves.   Chemotherapy   Null   Null   Null   No. 154527 No.   No.   Radiation Therapy   Chemotherapy   Radiation Therapy   No. 154527 No.   No.   Targeted Therapy   Null   Immunotherapy   No. 154527 No.   No.   Targeted Therapy   Null   Radiation Therapy   No. 154527 No.   No.   Targeted Therapy   Surgery   Surgery   Surgery   No. 154527 No.   No.   Surgery   Null   Radiation Therapy   No.   154638 No.   No.   Surgery   Null   Radiation Therapy   No.   154638 No.	No, 154457	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy
No. 154692 No.   Yes   Chemotherapy   Null   Null	No, 154466	No	No	Radiation Therapy	Immunotherapy	Chemotherapy
No.   154527 No. No.   Targeted Therapy   Null	No, 154493	No	Yes	Chemotherapy	Null	Null
No. 154627 No. No.   Targeted Therapy   Nol.   Immunotherapy   Radiation Therapy   Roughts of Therapy   Roughts	No, 154518	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy
No. 154536   Yes	No, 154527	No	No			
No.   154672   No		Yes	Yes		Chemotherapy	
No.   154950   No		No				
No.   156462   No		No				
No.   1546/88   Ves						
No.   154697 No.   Yes   Radiation Therapy   Radiation Therapy   No.   154707 No.   Yes   Radiation Therapy   Surgery   Immunotherapy   Immunotherapy   No.   154992 No.   No.   Targeted Therapy   Chemotherapy   Radiation Therapy   Radiation Therapy   No.   154992 No.   No.   Targeted Therapy   Radiation Therapy   Radiation Therapy   No.   155052 No.   No.   Immunotherapy   Radiation Therapy   Immunotherapy   Radiation Therapy   Immunotherapy   Immunotherap						
No. 154925   No.   Ves						
No. 154925   Ves						
No. 154952         No         No         Targeted Therapy         Chemotherapy         Radiation Therapy           No. 155052         No         No         Immunotherapy         Rull           No. 155056         No         No         Targeted Therapy         Surgery         Null           No. 155098         No         No         Chemotherapy         Null         Targeted Therapy           No. 155098         No         Yes         Surgery         Radiation Therapy         Null           No. 155190         No         No         Targeted Therapy         Radiation Therapy         Null           No. 155197         Yes         No         Chemotherapy         Null         Surgery           No. 155197         No         No         Radiation Therapy         Null         Surgery           No. 155201         No         No         Radiation Therapy         Null         Null           No. 155238         Yes         No         Chemotherapy         Null         Targeted Therapy           No. 155240         No         No         Radiation Therapy         Null         Targeted Therapy           No. 155238         Yes         No         Surgery         Null         Targeted Therapy						
No.         159970         No.         No.         Targeted Therapy         Surgery         Null           No.         155061         No.         No.         Targeted Therapy         Surgery         Null           No.         155089         Yes         No.         Chemotherapy         Null         Targeted Therapy           No.         155098         No.         No.         Surgery         Radiation Therapy           No.         155140         No.         No.         Surgery         Radiation Therapy           No.         155159         No.         No.         Chemotherapy         Chemotherapy         Null           No.         155159         No.         No.         Chemotherapy         Null         Surgery           No.         155159         No.         No.         Chemotherapy         Null         Null           No.         155210         No.         No.         Radiation Therapy         Null         Targeted Therapy         Null           No.         155283         Yes         No.         Chemotherapy         Null         Chemotherapy         Null           No.         155283         Yes         No.         Chemotherapy         Null         Radiat						
No. 155061 No No No Targeted Therapy Surgery Null Targeted Therapy Surgery No. 155098 No Yes Surgery Immunotherapy Surgery Null No. 155199 No No Surgery Radiation Therapy Null Surgery Null Radiation Therapy Null Radiation Therapy Null Radiation Therapy Null Surgery Null Surgery Null Null Radiation Therapy Null Null Radiation Therapy Null Null Null Null Radiation Therapy Surgery Null Null Null Radiation Therapy Surgery Null Null Null Null Null Null Null Nul						
No. 155061         No         No         Targeted Therapy         Surgery         Null           No. 155089         No         Yes         Surgery         Immunotherapy         Surgery           No. 155340         No         No         No         Surgery         Radiation Therapy         Null           No. 155359         No         No         Targeted Therapy         Chemotherapy         Null           No. 155395         No         No         Immunotherapy         Surgery         Null           No. 155210         No         No         Radiation Therapy         Null           No. 155210         No         No         Radiation Therapy         Null           No. 155210         Yes         No         Chemotherapy         Null         Targeted Therapy           No. 155283         Yes         No         Chemotherapy         Null         Targeted Therapy           No. 155387         Yes         No         Chemotherapy         Null         Radiation Therapy           No. 155487         Yes         Yes         Immunotherapy         Immunotherapy         Null           No. 155487         No         Yes         Radiation Therapy         Null         Null           No. 1555						
No. 155089         Yes         No         Chemotherapy         Null         Targeted Therapy           No. 155098         No         Yes         Surgery         Immunotherapy         Surgery           No. 155197         No         No         Targeted Therapy         Chemotherapy         Radiation Therapy           No. 155197         No         Chemotherapy         Null         Surgery           No. 155201         No         No         Radiation Therapy         Null           No. 155210         No         No         Radiation Therapy         Null           No. 155210         Yes         No         Surgery         Null         Chemotherapy           No. 155233         Yes         No         Chemotherapy         Immunotherapy         Radiation Therapy           No. 155233         Yes         No         Chemotherapy         Immunotherapy         Immunotherapy           No. 155244         Yes         Yes         Immunotherapy         Null         Radiation Therapy           No. 1555293         No         Yes         Chemotherapy         Null         Null           No. 155581         Yes         No         Nemotherapy         Null           No. 155581         Yes         No <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
No. 155140						
No. 155140         No         No         Surgery         Radiation Therapy         Null           No. 155177         Yes         No         Chemotherapy         Radiation Therapy           No. 155177         Yes         No         Chemotherapy         Null           No. 155195         No         No         Immunotherapy         Surgery         Null           No. 155201         No         No         Radiation Therapy         Null           No. 155202         Yes         No         Targeted Therapy         Null           No. 155203         Yes         No         Chemotherapy         Null         Chemotherapy           No. 155335         Yes         No         Chemotherapy         Immunotherapy         Radiation Therapy           No. 155336         Yes         Yes         Immunotherapy         Immunotherapy           No. 155447         Yes         Yes         Chemotherapy         Null           No. 155538         Yes         Radiation Therapy         Null           No. 1555414         Yes         Yes         Radiation Therapy         Null           No. 155583         Yes         Radiation Therapy         Null         Null           No. 1555818         Yes						
No. 155159 No No Targeted Therapy Chemotherapy Radiation Therapy No. 155177 Yes No Chemotherapy Null Surgery Null No. 155179 No No Immunotherapy Surgery Null No. 155201 No No Radiation Therapy Radiation Therapy Null Targeted Therapy No. 155335 Yes No Chemotherapy Immunotherapy Radiation Therapy No. 155339 Yes Yes Immunotherapy Chemotherapy Immunotherapy Null Radiation Therapy No. 155520 Yes Yes Radiation Therapy Immunotherapy Surgery Immunotherapy Null Radiation Therapy No. 155636 No Yes Chemotherapy Chemotherapy Surgery Immunotherapy Null Radiation Therapy No. 155636 No Yes Surgery Null Radiation Therapy Null Radiation Therapy No. 155631 Yes No Immunotherapy Targeted Therapy Chemotherapy Surgery No. 155631 Yes No Radiation Therapy Radiation Therapy Null Radiation Therapy No. 155632 Yes No Radiation Therapy Radiation Therapy Null No. 155636 Yes No Radiation Therapy Radiation Therapy Null No. 155636 Yes No Radiation Therapy Radiation Therapy Null Radiation Thera						
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 156471	No	No	Surgery	Chemotherapy	Null	
No, 156620	No	No	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 156675	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 156745	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 156754	No	No	Chemotherapy	Chemotherapy	Chemotherapy	
No, 156842	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
No, 156851	No	No	Targeted Therapy	Targeted Therapy	Surgery	
No, 156949	Yes	No	Chemotherapy	Null	Immunotherapy	
No, 156967	No	Yes	Surgery	Radiation Therapy	Surgery	
No, 157021	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 157058	No	Yes	Chemotherapy	Null	Surgery	
No, 157076	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
No, 157100	No	No	Radiation Therapy	Surgery	Chemotherapy	
No, 157216	No	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 157270	Yes	Yes	Immunotherapy	Surgery	Targeted Therapy	
No, 157298	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 157331	No	No	Immunotherapy	Immunotherapy	Chemotherapy	
No, 157386	No	No	Radiation Therapy	Null	Radiation Therapy	
No, 157447	Yes	Yes	Surgery	Targeted Therapy	Null	
No, 157456	Yes	Yes	Radiation Therapy	Null	Chemotherapy	
No, 157508	Yes	No	Radiation Therapy	Null	Surgery	
	No	No	Surgery	Null	Chemotherapy	
No, 157650	Yes	Yes	Targeted Therapy	Null	Surgery	
	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 157678	Yes	Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
		No	Immunotherapy	Null	Surgery	
	No	Yes	Radiation Therapy	Surgery	Chemotherapy	
		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 157793	No	No	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 157827	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy	
	No	No	Immunotherapy	Null	Radiation Therapy	
	Yes	No	Surgery	Null	Null	
	No	No	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 158352	Yes	No	Radiation Therapy	Null	Immunotherapy	
	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 158538	Yes	No	Radiation Therapy	Null	Null	
	No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 158644	Yes	Yes	Chemotherapy	Chemotherapy	Surgery	
No, 158723	Yes	No	Surgery	Immunotherapy	Radiation Therapy	
	No	Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
	Yes	No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 158802	No	No	Immunotherapy	Surgery	Targeted Therapy	
No, 158884	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 159009	Yes	Yes	Immunotherapy	Null	Radiation Therapy	
No, 159197	Yes	No	Surgery	Null	Chemotherapy	
No, 159319	No	No	Targeted Therapy	Null	Targeted Therapy	
No, 159328	Yes	No	Immunotherapy	Immunotherapy	Null	
No, 159373	Yes	Yes	Surgery	Surgery	Surgery	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 159391	Yes	Yes	Surgery	Surgery	Surgery	
No, 159407	No	No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 159443	No	Yes	Radiation Therapy	Null	Chemotherapy	
No, 159522	Yes	No	Surgery	Radiation Therapy	Null	
No, 159531	No	No	Chemotherapy	Null	Null	
No, 159568	Yes	No	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 159601	Yes	No	Surgery	Targeted Therapy	Chemotherapy	
No, 159638	Yes	No	Surgery	Immunotherapy	Surgery	
No, 159647	Yes	No	Immunotherapy	Targeted Therapy	Targeted Therapy	
No, 159717	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
No, 159939	No	No	Surgery	Chemotherapy	Targeted Therapy	
No, 159993	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 160038	Yes	Yes	Radiation Therapy	Targeted Therapy	Null	
No, 160074	No	No	Surgery	Immunotherapy	Chemotherapy	
No, 160117	No	No	Immunotherapy	Surgery	Radiation Therapy	
No, 160126	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
No, 160320	No	No	Radiation Therapy	Null	Targeted Therapy	
No, 160481	Yes	No	Surgery	Null	Null	
No, 160524	Yes	No	Immunotherapy	Chemotherapy	Surgery	
No, 160533	No	Yes	Surgery	Targeted Therapy	Radiation Therapy	
	Yes	No	Surgery	Chemotherapy	Surgery	
	Yes	No	Targeted Therapy	Null	Null	
No, 160621	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery	
No, 160630	No	No	Targeted Therapy	Null	Chemotherapy	
No, 160658	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 160667	Yes	No	Surgery	Targeted Therapy	Null	
No, 160755	Yes	Yes	Radiation Therapy	Chemotherapy	Null	
No, 160904	No	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 160913	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy	
	No	No	Chemotherapy	Targeted Therapy	Chemotherapy	
	Yes	Yes	Surgery	Surgery	Targeted Therapy	
	No	No	Surgery	Null	Chemotherapy	
	Yes	No	Immunotherapy	Null	Targeted Therapy	
No, 161208	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
	Yes	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 161226	No	No	Targeted Therapy	Targeted Therapy	Surgery	
		No	Targeted Therapy	Null	Radiation Therapy	
No, 161299	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
	No	No	Surgery	Null	Radiation Therapy	
	Yes	Yes	Radiation Therapy	Chemotherapy	Chemotherapy	
	No	No	Immunotherapy	Immunotherapy	Immunotherapy	
	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 161545	No	Yes	Radiation Therapy	Surgery	Radiation Therapy	
No, 16154	Yes	Yes	Chemotherapy	Null	Null	
No, 161563	Yes	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 161572	Yes	No	Radiation Therapy	Surgery	Targeted Therapy	
No, 161615	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy	
No, 161767	Yes	No	Immunotherapy	Null	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 161776	Yes	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 161864	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 162104	Yes	Yes	Immunotherapy	Surgery	Null	
No, 162122	No	Yes	Surgery	Null	Radiation Therapy	
No, 162371	No	No	Chemotherapy	Null	Immunotherapy	
No, 162609	No	No	Targeted Therapy	Null	Immunotherapy	
No, 162654	Yes	No	Surgery	Null	Targeted Therapy	
No, 162830	Yes	Yes	Targeted Therapy	Null	Targeted Therapy	
No, 162928	No	Yes	Chemotherapy	Null	Null	
No, 163028	No	No	Chemotherapy	Chemotherapy	Chemotherapy	
No, 163046	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
No, 163204	No	Yes	Chemotherapy	Surgery	Surgery	
No, 163259	Yes	Yes	Radiation Therapy	Surgery	Surgery	
No, 163286	No	No	Radiation Therapy	Targeted Therapy	Chemotherapy	
No, 163295	Yes	Yes	Targeted Therapy	Null	Surgery	
No, 163338	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 163408	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery	
No, 163426	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 163453	Yes	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 163462	No	Yes	Targeted Therapy	Targeted Therapy	Null	
No, 163541	Yes	Yes	Radiation Therapy	Targeted Therapy	Null	
No, 163578	Yes	No	Immunotherapy	Surgery	Null	
No, 163754	No	No	Chemotherapy	Null	Null	
No, 163842	No	No	Targeted Therapy	Null	Immunotherapy	
No, 163851	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
No, 163912	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy	
No, 163921	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 164085	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy	
No, 164100	No	No	Immunotherapy	Null	Targeted Therapy	
No, 164146	Yes	No	Immunotherapy	Surgery	Chemotherapy	
No, 164155	No	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 164173	No	Yes	Radiation Therapy	Chemotherapy	Null	
No, 164216	No	No	Immunotherapy	Surgery	Null	
No, 164270	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 164313	Yes	No	Surgery	Radiation Therapy	Radiation Therapy	
No, 164368	No	No	Immunotherapy	Surgery	Surgery	
No, 164438	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 164447	Yes	No	Targeted Therapy	Surgery	Chemotherapy	
No, 164465	No	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 164474	Yes	No	Immunotherapy	Null	Radiation Therapy	
No, 164492	No	No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 164535	Yes	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy	
No, 164632	No	No	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 164641	Yes	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 164678	Yes	No	Radiation Therapy	Null	Null	
No, 164720	Yes	No	Surgery	Chemotherapy	Null	
No, 164775	No	Yes	Targeted Therapy	Null	Surgery	
No, 164872	No	No	Immunotherapy	Null	Chemotherapy	
No, 164988	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 165167	No	No	Surgery	Null	Immunotherapy		
No, 165194	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy		
No, 165529	Yes	No	Surgery	Radiation Therapy	Surgery		
No, 165574	Yes	No	Targeted Therapy	Targeted Therapy	Targeted Therapy		
No, 165644	No	Yes	Immunotherapy	Surgery	Immunotherapy		
No, 165671	No	Yes	Targeted Therapy	Chemotherapy	Surgery		
No, 165699	No	Yes	Chemotherapy	Radiation Therapy	Surgery		
No, 165705	No	Yes	Immunotherapy	Surgery	Targeted Therapy		
No, 165750	No	Yes	Targeted Therapy	Null	Radiation Therapy		
No, 165884	No	No	Radiation Therapy	Targeted Therapy	Surgery		
No, 165936	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy		
No, 165981	No	No	Targeted Therapy	Surgery	Null		
No, 166018	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy		
No, 166124	No	Yes	Surgery	Surgery	Null		
No, 166276	No	Yes	Immunotherapy	Radiation Therapy	Null		
No, 166452	Yes	Yes	Chemotherapy	Immunotherapy	Surgery		
No, 166513	No	Yes	Surgery	Radiation Therapy	Radiation Therapy		
No, 166638	No	No	Targeted Therapy	Chemotherapy	Null		
No, 166647	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy		
No, 166674	No	Yes	Chemotherapy	Chemotherapy	Surgery		
No, 166683	Yes	No	Surgery	Null	Targeted Therapy		
No, 166692	No	No	Surgery	Chemotherapy	Immunotherapy		
No, 166805	No	Yes	Targeted Therapy	Null	Immunotherapy		
No, 166911	No	No	Targeted Therapy	Immunotherapy	Null		
No, 166939	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy		
No, 166948	No	Yes	Chemotherapy	Surgery	Chemotherapy		
No, 166984	No	Yes	Radiation Therapy	Null	Chemotherapy		
No, 167057	No	Yes	Targeted Therapy	Surgery	Null		
No, 167093	Yes	Yes	Chemotherapy	Radiation Therapy	Chemotherapy		
No, 167215	No	Yes	Radiation Therapy	Null	Null		
No, 167224	No	No	Targeted Therapy	Null	Radiation Therapy		
		Yes	Immunotherapy	Null	Null		
No, 167288	No	Yes	Targeted Therapy	Null	Immunotherapy		
No, 167358	Yes	No	Immunotherapy	Surgery	Radiation Therapy		
No, 167464	Yes	Yes	Chemotherapy	Surgery	Surgery		
No, 167525	No	Yes	Radiation Therapy	Surgery	Null		
No, 167543	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy		
No, 167631	Yes	No	Surgery	Null	Surgery		
No, 167783	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery		
No, 167899	Yes	No	Surgery	Targeted Therapy	Null		
No, 167905	No	Yes	Surgery	Surgery	Targeted Therapy		
No, 167996	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
No, 168005	No	Yes	Chemotherapy	Null	Null		
No, 168032	Yes	Yes	Targeted Therapy	Null	Surgery		
No, 168218	Yes	Yes	Chemotherapy	Null	Chemotherapy		
No, 168290	No	Yes	Chemotherapy	Targeted Therapy	Surgery		
No, 168528	Yes	Yes	Radiation Therapy	Null	Immunotherapy		
No, 168546	No	Yes	Chemotherapy	Null	Surgery		
No, 168573		Yes	Immunotherapy	Surgery	Immunotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 168591	No	No	Targeted Therapy	Chemotherapy	Radiation Therapy
No, 168607	Yes	No	Immunotherapy	Null	Chemotherapy
No, 168740	No	Yes	Chemotherapy	Null	Chemotherapy
No, 168883	No	No	Targeted Therapy	Targeted Therapy	Immunotherapy
No, 169080	No	No	Immunotherapy	Radiation Therapy	Immunotherapy
No, 169187	No	Yes	Targeted Therapy	Null	Surgery
No, 169220	No	No	Surgery	Null	Immunotherapy
No, 169284	No	Yes	Immunotherapy	Null	Surgery
No, 169424	No	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
No, 169442	No	No	Chemotherapy	Immunotherapy	Chemotherapy
No, 169503	Yes	Yes	Chemotherapy	Null	Immunotherapy
No, 169521	No	No	Surgery	Surgery	Surgery
No, 169576	Yes	Yes	Surgery	Chemotherapy	
No, 169910					Immunotherapy
	No	No	Targeted Therapy	Immunotherapy	Chemotherapy
No, 169974	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 169992	Yes	No	Targeted Therapy	Surgery	Chemotherapy
No, 170046	Yes	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy
No, 170055	Yes	No	Immunotherapy	Targeted Therapy	Null
No, 170091	Yes	Yes	Surgery	Surgery	Chemotherapy
No, 170240	Yes	No	Surgery	Null	Targeted Therapy
No, 170301	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy
No, 170417		No	Targeted Therapy	Chemotherapy	Immunotherapy
No, 170444	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
No, 170514	Yes	Yes	Surgery	Chemotherapy	Surgery
No, 170541	Yes	No	Radiation Therapy	Null	Null
No, 170550	Yes	Yes	Immunotherapy	Targeted Therapy	Surgery
No, 170587	No	Yes	Radiation Therapy	Surgery	Chemotherapy
No, 170620	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy
No, 170639	Yes	No	Chemotherapy	Null	Surgery
No, 170657	No	Yes	Immunotherapy	Immunotherapy	Null
No, 170675	Yes	Yes	Radiation Therapy	Null	Immunotherapy
No, 170736	Yes	No	Radiation Therapy	Chemotherapy	Surgery
No, 170790	Yes	Yes	Targeted Therapy	Null	Targeted Therapy
No, 170806	Yes	No	Chemotherapy	Null	Radiation Therapy
No, 171012	No	Yes	Targeted Therapy	Null	Chemotherapy
No, 171137	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy
No, 171157	Yes	Yes	Chemotherapy	Null	Immunotherapy
No, 171155 No, 171261	Yes	Yes	Radiation Therapy	Null	Null
No, 171298	Yes	No	Targeted Therapy	Surgery	Chemotherapy
No, 171304	Yes	Yes	Targeted Therapy	Null	Targeted Therapy
No, 171322	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy
No, 171456	Yes	No	Surgery	Targeted Therapy	Null
No, 171465	No	No	Chemotherapy	Null	Surgery
No, 171483	No	Yes	Chemotherapy	Targeted Therapy	Null
No, 171535	No	Yes	Chemotherapy	Chemotherapy	Radiation Therapy
No, 171571	Yes	No	Chemotherapy	Targeted Therapy	Targeted Therapy
No, 171599	No	No	Surgery	Null	Null
No, 171881	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy
No, 171988	Yes	Yes	Surgery	Surgery	Radiation Therapy

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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 171997	Yes	No	Radiation Therapy	Null	Chemotherapy
No, 172015	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy
No, 172033	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
No, 172200	No	Yes	Surgery	Targeted Therapy	Immunotherapy
No, 172264	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy
No, 172291	No	Yes	Immunotherapy	Null	Immunotherapy
No, 172307	No	Yes	Targeted Therapy	Surgery	Immunotherapy
No, 172325	Yes	Yes	Chemotherapy	Null	Immunotherapy
No, 172440	No	Yes	Chemotherapy	Null	Chemotherapy
No, 172495	Yes	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy
No, 172635	Yes	Yes	Surgery	Surgery	Radiation Therapy
No, 172644	No	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
No, 172699	Yes	No	Targeted Therapy	Radiation Therapy	Null
No, 172802	Yes	No	Targeted Therapy	Surgery	Targeted Therapy
No, 172866	No	Yes	Chemotherapy	Immunotherapy	Radiation Therapy
No, 172918	No	Yes	Surgery	Chemotherapy	Chemotherapy
No, 172927	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
No, 172963	Yes	Yes	Immunotherapy	Null	Chemotherapy
No, 173045	No	Yes	Immunotherapy	Immunotherapy	Chemotherapy
No, 173115	No	No	Radiation Therapy	Surgery	Null Supplies the
		No	Immunotherapy	Targeted Therapy	Surgery
		Yes	Targeted Therapy	Radiation Therapy	Null
	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
No, 173203	Yes	No	Targeted Therapy	Chemotherapy	Surgery
No, 173258	Yes	Yes	Radiation Therapy	Null	Surgery
No, 173461	Yes	No	Chemotherapy	Immunotherapy	Surgery
No, 173489	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy
	No	No	Chemotherapy	Targeted Therapy	Surgery
No, 173665	No	Yes	Immunotherapy	Chemotherapy	Null
No, 173708	Yes	No	Radiation Therapy	Chemotherapy	Null
	No	Yes	Immunotherapy	Null	Chemotherapy
	Yes	Yes	Radiation Therapy	Chemotherapy	Chemotherapy
No, 173984	Yes	Yes	Targeted Therapy	Surgery	Immunotherapy
No, 174066	No	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
		Yes	Immunotherapy	Surgery	Surgery
No, 174190	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 174206	Yes	Yes	Chemotherapy	Immunotherapy	Null
No, 174385	No	No	Chemotherapy	Chemotherapy	Immunotherapy
No, 174482	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery
	No	Yes	Radiation Therapy	Surgery	Radiation Therapy
	Yes	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
	Yes	Yes	Surgery	Null	Radiation Therapy
	Yes	No	Surgery	Immunotherapy	Immunotherapy
No, 174570	Yes	No	Targeted Therapy	Radiation Therapy	Radiation Therapy
No, 174738	No	Yes	Targeted Therapy	Null	Radiation Therapy  Radiation Therapy
		No	Immunotherapy	Immunotherapy	Immunotherapy
No, 174747	Yes	Yes	Immunotherapy	Null	Surgery
No, 174792	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy
No, 174792	Yes	No	Surgery	Surgery	Targeted Therapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
	No	Yes	Immunotherapy	Null	Targeted Therapy
No, 175139	Yes	No	Radiation Therapy	Null	Surgery
No, 175157	No	Yes	Immunotherapy	Immunotherapy	Surgery
No, 175236	No	No	Chemotherapy	Targeted Therapy	Chemotherapy
	No	No	Chemotherapy	Null	Targeted Therapy
		No	Chemotherapy	Null	Chemotherapy
		No	Radiation Therapy	Null	Targeted Therapy
	Yes	No	Surgery	Null	Radiation Therapy
	No	Yes	Surgery	Surgery	Radiation Therapy
	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
	Yes	No	Surgery	Null	Radiation Therapy
	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy Chemotherapy
	Yes	Yes		Chemotherapy	
			Targeted Therapy		Immunotherapy  Surgery
	Yes	No	Chemotherapy	Null	Surgery
		No	Radiation Therapy	Surgery	Targeted Therapy
	No	No	Targeted Therapy	Radiation Therapy	Null
		No	Radiation Therapy	Immunotherapy	Targeted Therapy
	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy
	No	No	Chemotherapy	Surgery	Immunotherapy
	Yes	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
	No	Yes	Targeted Therapy	Null	Targeted Therapy
	No	No	Immunotherapy	Immunotherapy	Surgery
No, 176239	No	Yes	Immunotherapy	Surgery	Surgery
No, 176318	No	No	Radiation Therapy	Chemotherapy	Targeted Therapy
No, 176354	Yes	Yes	Immunotherapy	Surgery	Null
No, 176406	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
No, 176451	No	No	Chemotherapy	Surgery	Immunotherapy
No, 176628	No	Yes	Surgery	Immunotherapy	Radiation Therapy
No, 176716	No	No	Immunotherapy	Chemotherapy	Radiation Therapy
No, 176789	Yes	Yes	Surgery	Surgery	Radiation Therapy
No, 176798	Yes	No	Surgery	Radiation Therapy	Immunotherapy
No, 176947	No	Yes	Immunotherapy	Immunotherapy	Immunotherapy
No, 176965	Yes	No	Chemotherapy	Null	Targeted Therapy
No, 176983	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy
No, 176992	Yes	No	Immunotherapy	Chemotherapy	Surgery
	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy
	Yes	Yes	Immunotherapy	Immunotherapy	Radiation Therapy
	No	No	Surgery	Targeted Therapy	Null
	Yes	No	Radiation Therapy	Null	Chemotherapy
	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
	Yes	Yes	Targeted Therapy	Surgery	Radiation Therapy
	No	Yes	Targeted Therapy	Surgery	Radiation Therapy
	No	No	Radiation Therapy	Null	Radiation Therapy
	No	No	Targeted Therapy	Radiation Therapy	Surgery
	Yes	No	Surgery	Targeted Therapy	Null
, 1, , -10					Immunotherapy
No 177427	No	No			
	No	No	Surgery	Null	
	No	No Yes No	Surgery  Chemotherapy	Null Surgery	Immunotherapy Radiation Therapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 177685	No	Yes	Surgery	Surgery	Radiation Therapy		
No, 177719	No	Yes	Targeted Therapy	Null	Immunotherapy		
No, 177870	No	Yes	Radiation Therapy	Targeted Therapy	Null		
No, 177931	Yes	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy		
No, 177940	No	Yes	Chemotherapy	Targeted Therapy	Null		
No, 177968	No	No	Radiation Therapy	Chemotherapy	Radiation Therapy		
No, 177995	No	No	Radiation Therapy	Targeted Therapy	Surgery		
No, 178004	No	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 178077	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery		
No, 178129	No	Yes	Surgery	Radiation Therapy	Null		
No, 178183	No	Yes	Surgery	Null	Immunotherapy		
No, 178226	Yes	No	Chemotherapy	Immunotherapy	Surgery		
No, 178244	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy		
No, 178341	Yes	Yes	Immunotherapy	Null	Radiation Therapy		
No, 178350	Yes	No	Surgery	Surgery	Targeted Therapy		
No, 178402	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy		
No, 178411	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy		
No, 178518	No	No	Targeted Therapy	Immunotherapy	Chemotherapy		
No, 178527	No	No	Immunotherapy	Null	Radiation Therapy		
No, 178563	Yes	Yes	Chemotherapy	Immunotherapy	Surgery		
No, 178606	No	No	Surgery	Surgery	Targeted Therapy		
No, 178615	No	Yes	Chemotherapy	Null	Surgery		
No, 178624	No	Yes	Targeted Therapy	Null	Targeted Therapy		
No, 178697	Yes	No	Immunotherapy	Null	Surgery		
No, 178767	Yes	No	Surgery	Null	Immunotherapy		
No, 178891	No	Yes	Surgery	Surgery	Null		
No, 179070	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy		
No, 179159	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy		
No, 179195	No	Yes	Surgery	Null	Immunotherapy		
No, 179308	No	Yes	Surgery	Null	Chemotherapy		
No, 179344	Yes	Yes	Targeted Therapy	Targeted Therapy	Null		
No, 179399	No	Yes	Surgery	Null	Null		
No, 179450	Yes	Yes	Chemotherapy	Targeted Therapy	Null		
No, 179548	No	No	Surgery	Chemotherapy	Surgery		
No, 179566	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy		
No, 179715	Yes	Yes	Immunotherapy	Null	Surgery		
No, 179724	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
No, 179742	Yes	No	Immunotherapy	Null	Immunotherapy		
No, 179867	No	No	Surgery	Immunotherapy	Surgery		
No, 179919	No	Yes	Surgery	Immunotherapy	Chemotherapy		
No, 179946	Yes	Yes	Immunotherapy	Null	Radiation Therapy		
No, 179964	Yes	No	Radiation Therapy	Chemotherapy	Targeted Therapy		
No, 180054	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy		
No, 180081	Yes	No	Targeted Therapy	Surgery	Surgery		
No, 180090	Yes	No	Chemotherapy	Surgery	Surgery		
No, 180106	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 180151	No	No	Immunotherapy	Surgery	Immunotherapy		
No, 180160	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy		
No, 180179	No	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 180276	Yes	Yes	Immunotherapy	Surgery	Targeted Therapy	
No, 180328	No	Yes	Chemotherapy	Null	Chemotherapy	
No, 180391	Yes	No	Surgery	Surgery	Null	
No, 180416	No	No	Surgery	Null	Immunotherapy	
No, 180461	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 180647	No	Yes	Immunotherapy	Immunotherapy	Null	
No, 180814	No	No	Radiation Therapy	Radiation Therapy	Surgery	
No, 180878	Yes	No	Surgery	Immunotherapy	Surgery	
No, 180902	No	No	Radiation Therapy	Immunotherapy	Surgery	
No, 180948	No	No	Immunotherapy	Targeted Therapy	Chemotherapy	
No, 180957	No	No	Radiation Therapy	Null	Null	
No, 180984	Yes	No	Surgery	Null	Immunotherapy	
No, 181002	Yes	No	Chemotherapy	Surgery	Chemotherapy	
No, 181093	Yes	No	Targeted Therapy	Surgery	Surgery	
No, 181127	Yes	No	Radiation Therapy	Null	Immunotherapy	
No, 181136	Yes	No	Targeted Therapy	Surgery	Surgery	
No, 181297	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 181303	No	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 181376	No	No	Chemotherapy	Surgery	Immunotherapy	
No, 181394	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 181400	Yes	No	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 181419	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery	
No, 181446	No	Yes	Surgery	Null	Null	
No, 181534	No	No	Surgery	Radiation Therapy	Surgery	
No, 181543	Yes	No	Surgery	Targeted Therapy	Surgery	
No, 181640	Yes	No	Radiation Therapy	Chemotherapy	Surgery	
No, 181738	Yes	No	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 181756	Yes	No	Immunotherapy	Null	Chemotherapy	
No, 181853	Yes	Yes	Targeted Therapy	Surgery	Immunotherapy	
No, 182111	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 182209	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 182281	Yes	Yes	Chemotherapy	Chemotherapy	Null	
No, 182290	No	Yes	Surgery	Surgery	Surgery	
No, 182519	No	Yes	Surgery	Null	Targeted Therapy	
No, 182634	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
No, 182661	Yes	No	Immunotherapy	Null	Surgery	
No, 182670		No	Radiation Therapy	Null	Targeted Therapy	
No, 182722	Yes	No	Surgery	Radiation Therapy	Surgery	
No, 182795	No	Yes	Immunotherapy	Chemotherapy	Null	
No, 182829	Yes	Yes	Targeted Therapy	Null	Null	
No, 182865	No	Yes	Surgery	Immunotherapy	Null	
No, 182892	Yes	No	Immunotherapy	Immunotherapy	Surgery	
No, 182917	No	No	Surgery	Chemotherapy	Chemotherapy	
No, 182953		No	Targeted Therapy	Immunotherapy	Radiation Therapy	
No, 182999	No	Yes	Surgery	Immunotherapy	Targeted Therapy	
No, 183026	No	No	Radiation Therapy	Chemotherapy	Surgery	
No, 183062	No	Yes	Chemotherapy	Chemotherapy	Null	
No, 183071	No	No	Surgery	Immunotherapy	Targeted Therapy	
No, 183071	Yes	No	Surgery	Immunotherapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 183099	Yes	No	Immunotherapy	Null	Chemotherapy		
No, 183114	Yes	No	Immunotherapy	Null	Chemotherapy		
No, 183123	Yes	No	Surgery	Radiation Therapy	Chemotherapy		
No, 183141	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy		
No, 183211	No	No	Radiation Therapy	Null	Null		
No, 183239	Yes	No	Surgery	Targeted Therapy	Targeted Therapy		
No, 183327	No	Yes	Immunotherapy	Surgery	Null		
No, 183488	No	No	Immunotherapy	Null	Radiation Therapy		
No, 183655	No	No	Chemotherapy	Chemotherapy	Surgery		
No, 183725	No	Yes	Chemotherapy	Radiation Therapy	Chemotherapy		
No, 183743	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy		
No, 183789	No	Yes	Chemotherapy	Chemotherapy	Null		
No, 183804	No	No	Radiation Therapy	Immunotherapy	Immunotherapy		
No, 183910	No	Yes	Radiation Therapy	Surgery	Surgery		
No, 183938	No	Yes	Immunotherapy	Chemotherapy	Surgery		
No, 183974	No	Yes	Chemotherapy	Chemotherapy	Surgery		
No, 184047	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy		
No, 184056	No	No	Chemotherapy	Surgery	Targeted Therapy		
No, 184135	Yes	No	Targeted Therapy	Null	Surgery		
No, 184144	No	Yes	Chemotherapy	Targeted Therapy	Surgery		
No, 184153	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 184180	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy		
No, 184205	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
No, 184269	No	Yes	Surgery	Null	Immunotherapy		
No, 184278	Yes	No	Immunotherapy	Null	Chemotherapy		
No, 184320	No	No	Targeted Therapy	Immunotherapy	Chemotherapy		
No, 184481	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery		
No, 184506	No	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy		
No, 184694	No	No	Radiation Therapy	Radiation Therapy	Surgery		
No, 184782	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy		
No, 184791	Yes	No	Radiation Therapy	Immunotherapy	Immunotherapy		
No, 184870	Yes	No	Targeted Therapy	Chemotherapy	Immunotherapy		
No, 184968	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy		
No, 185332	Yes	Yes	Radiation Therapy	Radiation Therapy	Null		
No, 185396	Yes	No	Radiation Therapy	Chemotherapy	Null		
No, 185466	No	No	Surgery	Null	Null		
No, 185536	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy		
No, 185572	No	Yes	Immunotherapy	Null	Chemotherapy		
No, 185651	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy		
No, 185767	Yes	No	Chemotherapy	Radiation Therapy	Surgery		
No, 185873	Yes	Yes	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 185970	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery		
No, 186016	Yes	Yes	Chemotherapy	Radiation Therapy	Chemotherapy		
No, 186052	Yes	No	Immunotherapy	Surgery	Targeted Therapy		
No, 186122	Yes	No	Surgery	Targeted Therapy	Surgery		
No, 186131		Yes	Chemotherapy	Immunotherapy	Radiation Therapy		
No, 186201	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy		
No, 186283	No	Yes	Immunotherapy	Null	Targeted Therapy		
No, 186335	No	Yes	Surgery	Chemotherapy	Immunotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 186371	No	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 186380	Yes	No	Surgery	Null	Targeted Therapy	
No, 186405	No	No	Targeted Therapy	Immunotherapy	Null	
No, 186423	No	No	Targeted Therapy	Null	Targeted Therapy	
No, 186432	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 186584	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
No, 186876	No	No	Chemotherapy	Null	Targeted Therapy	
No, 186900	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 187000	Yes	No	Chemotherapy	Null	Surgery	
No, 187198	Yes	Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 187222	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 187532	No	No	Surgery	Null	Radiation Therapy	
No, 187596	No	Yes	Chemotherapy	Null	Radiation Therapy	
No, 187602	No	Yes	Targeted Therapy	Targeted Therapy	Surgery	
No, 187639	Yes	No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 187666	Yes	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 187745	No	No	Immunotherapy	Null	Null	
No, 187897	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 187903	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 187967	No	No	Surgery	Targeted Therapy	Surgery	
No, 187976	Yes	Yes	Chemotherapy	Null	Immunotherapy	
No, 188021	Yes	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 188058	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
No, 188137	No	No	Chemotherapy	Null	Chemotherapy	
No, 188225	No	Yes	Immunotherapy	Immunotherapy	Surgery	
No, 188304	No	Yes	Chemotherapy	Radiation Therapy	Surgery	
No, 188340	Yes	No	Immunotherapy	Null	Chemotherapy	
No, 188429	Yes	Yes	Surgery	Targeted Therapy	Targeted Therapy	
No, 188438	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 188465	No	Yes	Targeted Therapy	Null	Null	
No, 188650	No	Yes	Chemotherapy	Null	Targeted Therapy	
No, 188678	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 188696	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 188890	No	No	Targeted Therapy	Chemotherapy	Surgery	
No, 188988	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 189264	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 189273	No	Yes	Radiation Therapy	Surgery	Radiation Therapy	
No, 189282	No	No	Radiation Therapy	Null	Null	
No, 189413	Yes	No	Targeted Therapy	Targeted Therapy	Null	
No, 189547	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 189556	Yes	Yes	Immunotherapy	Chemotherapy	Surgery	
No, 189574	Yes	Yes	Chemotherapy	Surgery	Immunotherapy	
No, 189583	Yes	Yes	Surgery	Null	Surgery	
No, 189592	No	Yes	Radiation Therapy	Immunotherapy	Surgery	
No, 189705	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
No, 189714	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
No, 189857	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 189954	No	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 190008	No	No	Radiation Therapy	Null	Radiation Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 190044	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy		
No, 190080	Yes	No	Surgery	Null	Null		
No, 190248	No	Yes	Chemotherapy	Immunotherapy	Null		
No, 190293	No	No	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 190318	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy		
No, 190442	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy		
No, 190503	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy		
No, 190512	Yes	Yes	Radiation Therapy	Surgery	Null		
No, 190594	Yes	Yes	Surgery	Surgery	Immunotherapy		
No, 190600	Yes	Yes	Targeted Therapy	Null	Chemotherapy		
No, 190619	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 190646	No	No	Immunotherapy	Chemotherapy	Radiation Therapy		
No, 190655	Yes	No	Immunotherapy	Targeted Therapy	Immunotherapy		
No, 190673	Yes	No	Surgery	Null	Null		
No, 190682	Yes	No	Immunotherapy	Targeted Therapy	Chemotherapy		
No, 190691	Yes	Yes	Surgery	Surgery	Immunotherapy		
		Yes	Chemotherapy	Radiation Therapy	Chemotherapy		
	No	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy		
	No	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 190770	Yes	Yes	Chemotherapy	Immunotherapy	Radiation Therapy		
No, 190956	No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy		
	No	No	Surgery	Null	Immunotherapy		
	No	Yes	Chemotherapy	Surgery	Chemotherapy		
No, 191241	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy		
	No	No	Immunotherapy	Null	Null		
No, 191320	Yes	Yes	Targeted Therapy	Surgery	Radiation Therapy		
No, 191339	Yes	No	Immunotherapy	Surgery	Radiation Therapy		
No, 191384	No	No	Radiation Therapy	Targeted Therapy	Null		
	Yes	No	Radiation Therapy	Chemotherapy	Null		
	Yes	No	Immunotherapy	Null	Null		
No, 191597	Yes	No	Surgery	Null	Radiation Therapy		
No, 191612	Yes	No	Immunotherapy	Null	Immunotherapy		
No, 191630	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy		
No, 191649	Yes	No	Radiation Therapy	Radiation Therapy	Targeted Therapy		
No, 191676	No	No	Chemotherapy	Radiation Therapy	Null		
		Yes	Radiation Therapy	Null	Null		
No, 191931	Yes	No	Targeted Therapy	Null	Radiation Therapy		
No, 191940	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy		
No, 192004	Yes	No	Chemotherapy	Null	Null		
	Yes	Yes	Immunotherapy	Null	Chemotherapy		
		Yes	Surgery	Chemotherapy	Chemotherapy		
	Yes	Yes	Targeted Therapy	Surgery	Immunotherapy		
	No	Yes	Chemotherapy	Surgery	Surgery		
No, 192457	Yes	Yes	Immunotherapy	Null	Targeted Therapy		
No, 192484	Yes	No	Surgery	Surgery	Radiation Therapy		
No, 192554	No	Yes	Immunotherapy	Immunotherapy	Immunotherapy		
No, 192563	Yes	Yes	Chemotherapy	Surgery	Immunotherapy		
	No	Yes	Surgery	Surgery	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 192688	No	No	Immunotherapy	Null	Immunotherapy	
No, 192800	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 192828	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 192864	No	No	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 192961	No	Yes	Radiation Therapy	Immunotherapy	Surgery	
No, 193122	Yes	No	Surgery	Null	Null	
No, 193186	No	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 193201	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery	
No, 193247	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 193283	Yes	No	Radiation Therapy	Immunotherapy	Null	
No, 193292	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 193308	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 193353	No	No	Surgery	Chemotherapy	Immunotherapy	
No, 193405	Yes	No	Surgery	Null	Targeted Therapy	
No, 193478	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery	
No, 193584	No	Yes	Radiation Therapy	Radiation Therapy	Surgery	
	Yes	Yes	Radiation Therapy	Null	Chemotherapy	
	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
	No	No	Immunotherapy	Immunotherapy	Surgery	
No, 193788	No	No	Surgery	Null	Targeted Therapy	
	Yes	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 193946	Yes	Yes	Chemotherapy	Radiation Therapy	Null	
No, 193973	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 193991	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 194028	Yes	No	Targeted Therapy	Immunotherapy	Surgery	
No, 194073	Yes	No			Immunotherapy	
	No	No	Surgery	Targeted Therapy	Targeted Therapy	
No, 194189	Yes	No	Chemotherapy	Null	Immunotherapy	
No, 194204	No	No	Radiation Therapy	Surgery	Immunotherapy	
No, 194310	Yes	No	Radiation Therapy	Null	Targeted Therapy	
No, 194435	Yes	No	Radiation Therapy	Surgery	Chemotherapy	
	Yes	Yes	Surgery	Immunotherapy	Immunotherapy	
No, 194578	No	Yes	Surgery	Immunotherapy	Null	
	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 194675	Yes	No	Radiation Therapy	Radiation Therapy	Surgery	
	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
	No	No	Chemotherapy	Null	Surgery	
No, 194967	Yes	Yes	Chemotherapy	Radiation Therapy	Null	
No, 195003	Yes	No	Surgery	Null	Chemotherapy	
No, 195128	No	Yes	Targeted Therapy	Null	Null	
	Yes	No	Radiation Therapy	Surgery	Targeted Therapy	
	Yes	No	Chemotherapy	Null	Targeted Therapy	
No, 195216	Yes	No	Chemotherapy	Targeted Therapy	Null	
No, 195234	No	No	Immunotherapy	Radiation Therapy	Null	
No, 195304	Yes	No	Chemotherapy	Null	Null	
No, 195474	No	Yes	Surgery	Targeted Therapy	Surgery	
No, 195526	Yes	No	Surgery	Targeted Therapy	Null	
No, 195687	No	No	Immunotherapy	Targeted Therapy	Chemotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 195702	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery	
No, 195809	Yes	Yes	Surgery	Targeted Therapy	Null	
No, 195827	Yes	No	Chemotherapy	Immunotherapy	Null	
No, 196033	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 196042	No	Yes	Surgery	Surgery	Radiation Therapy	
No, 196051	No	Yes	Targeted Therapy	Surgery	Targeted Therapy	
No, 196060	No	Yes	Targeted Therapy	Null	Chemotherapy	
No, 196079	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 196097	No	No	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 196112	No	Yes	Surgery	Targeted Therapy	Immunotherapy	
No, 196130	No	Yes	Surgery	Null	Radiation Therapy	
No, 196149	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No, 196167	No	Yes	Surgery	Surgery	Targeted Therapy	
No, 196194	Yes	Yes	Targeted Therapy	Null	Targeted Therapy	
No, 196200	Yes	Yes	Chemotherapy	Chemotherapy	Null	
No, 196219	No	No	Radiation Therapy	Chemotherapy	Chemotherapy	
No, 196246	No	No	Radiation Therapy	Null	Radiation Therapy	
No, 196264	Yes	No	Surgery	Chemotherapy	Immunotherapy	
No, 196468	Yes	No	Immunotherapy	Null	Radiation Therapy	
No, 196565	No	No	Radiation Therapy	Null	Targeted Therapy	
No, 196583	No	No	Targeted Therapy	Null	Targeted Therapy	
No, 196653	Yes	Yes	Radiation Therapy	Null	Surgery	
No, 196857	Yes	Yes	Immunotherapy	Immunotherapy	Null	
No, 197018	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 197027	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 197036	No	No	Immunotherapy	Null	Null	
No, 197081	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	
No, 197133	Yes	Yes	Immunotherapy	Surgery	Chemotherapy	
No, 197197	Yes	Yes	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 197221	No	No	Surgery	Radiation Therapy	Chemotherapy	
No, 197285	Yes	Yes	Immunotherapy	Targeted Therapy	Null	
No, 197294	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 197337	No	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 197522	No	No	Surgery	Immunotherapy	Immunotherapy	
No, 197531	Yes	No	Immunotherapy	Immunotherapy	Surgery	
No, 197601	No	Yes	Surgery	Null	Radiation Therapy	
No, 197610	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery	
No, 197744	No	Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 197993	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
No, 198011	Yes	Yes	Surgery	Surgery	Chemotherapy	
No, 198066	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
No, 198084	Yes	No	Surgery	Immunotherapy	Chemotherapy	
No, 198154	No	Yes	Surgery	Surgery	Radiation Therapy	
No, 198215	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 198242	Yes	Yes	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 198260	No	No	Immunotherapy	Chemotherapy	Chemotherapy	
No, 198303	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 198376	No	No	Immunotherapy	Targeted Therapy	Immunotherapy	
No, 198419	Yes	No	Targeted Therapy	Null	Surgery	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 198455	No	Yes	Chemotherapy	Surgery	Radiation Therapy		
No, 198491	No	Yes	Surgery	Null	Chemotherapy		
No, 198525	No	No	Targeted Therapy	Chemotherapy	Radiation Therapy		
No, 198534	No	Yes	Immunotherapy	Chemotherapy	Targeted Therapy		
No, 198543	No	Yes	Radiation Therapy	Immunotherapy	Null		
No, 198561	Yes	Yes	Chemotherapy	Null	Chemotherapy		
No, 198570	Yes	No	Chemotherapy	Null	Radiation Therapy		
No, 198677	No	No	Radiation Therapy	Null	Null		
No, 198695	Yes	Yes	Surgery	Surgery	Radiation Therapy		
No, 198729	Yes	No	Immunotherapy	Targeted Therapy	Chemotherapy		
No, 198747	No	Yes	Chemotherapy	Null	Radiation Therapy		
No, 198808	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy		
No, 198835	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy		
No, 198871	No	Yes	Targeted Therapy	Surgery	Chemotherapy		
No, 198899	Yes	Yes	Targeted Therapy	Null	Chemotherapy		
No, 198923	No	No	Chemotherapy	Immunotherapy	Radiation Therapy		
No, 198950	Yes	No	Chemotherapy	Surgery	Radiation Therapy		
No, 198969	Yes	Yes	Chemotherapy	Targeted Therapy	Null		
No, 198996	Yes	Yes	Surgery	Radiation Therapy	Surgery		
No, 199005	Yes	No	Immunotherapy	Targeted Therapy	Surgery		
No, 199023	No	Yes	Radiation Therapy	Null	Surgery		
No, 199078	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy		
No, 199148	Yes	No	Radiation Therapy	Null	Targeted Therapy		
No, 199175	No	No	Chemotherapy	Chemotherapy	Targeted Therapy		
No, 199209	Yes	Yes	Radiation Therapy	Immunotherapy	Null		
No, 199218	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy		
No, 199315	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy		
No, 199412	No	No	Immunotherapy	Immunotherapy	Immunotherapy		
No, 199421	Yes	No	Chemotherapy	Surgery	Chemotherapy		
No, 199476	No	No	Surgery	Targeted Therapy	Targeted Therapy		
No, 199607	Yes	No	Targeted Therapy	Immunotherapy	Null		
No, 199625	Yes	No	Targeted Therapy	Surgery	Null		
No, 199689	Yes	Yes	Targeted Therapy	Null	Null		
No, 199713	Yes	No	Radiation Therapy	Immunotherapy	Targeted Therapy		
No, 199731	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy		
No, 199740	Yes	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 199768	Yes	No	Radiation Therapy	Surgery	Chemotherapy		
No, 199786	No	No	Immunotherapy	Null	Targeted Therapy		
No, 199795	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy		
No, 199838	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
No, 199847	No	Yes	Surgery	Radiation Therapy	Radiation Therapy		
No, 199856	Yes	No	Immunotherapy	Null	Targeted Therapy		
No, 199883	No	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy		
No, 199908	No	No	Radiation Therapy	Surgery	Surgery		
No, 199926	No	Yes	Surgery	Radiation Therapy	Targeted Therapy		
No, 199953	Yes	No	Radiation Therapy	Null	Chemotherapy		
No, 199962	Yes	No	Immunotherapy	Null	Chemotherapy		
No, 199980	No	Yes	Immunotherapy	Null	Null		
No, 200004	Yes	No	Radiation Therapy	Chemotherapy	Surgery		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 200013	No	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 200156	Yes	Yes	Surgery	Surgery	Surgery	
No, 200165	No	No	Immunotherapy	Surgery	Radiation Therapy	
No, 200208	No	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 200217	Yes	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 200253	No	No	Targeted Therapy	Null	Radiation Therapy	
No, 200305	No	Yes	Immunotherapy	Null	Immunotherapy	
No, 200332	Yes	No	Targeted Therapy	Targeted Therapy	Immunotherapy	
No, 200341	Yes	Yes	Immunotherapy	Targeted Therapy	Null	
No, 200387	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
No, 200572	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 200624	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery	
No, 200697	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 200785	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 200800	Yes	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
No, 200873	No	Yes	Targeted Therapy	Targeted Therapy	Null	
No, 201016	Yes	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 201061	Yes	Yes	Immunotherapy	Targeted Therapy	Null	
No, 201098	No	Yes	Surgery	Null	Chemotherapy	
No, 201131	No	No	Radiation Therapy	Null	Immunotherapy	
No, 201159	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 201177	Yes	No	Chemotherapy	Radiation Therapy	Surgery	
	No	Yes	Immunotherapy	Null	Immunotherapy	
No, 201283	Yes	No	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 201469	No	No	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 201496	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 201548	Yes	No	Radiation Therapy	Null	Radiation Therapy	
No, 201584	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 201609	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 201654	No	No	Radiation Therapy	Chemotherapy	Null	
	Yes	No	Targeted Therapy	Radiation Therapy	Null	
No, 201690	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery	
No, 201751	No	Yes	Targeted Therapy	Null	Chemotherapy	
No, 201858	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
No, 201928	Yes	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 201964	No	No	Targeted Therapy	Targeted Therapy	Null	
No, 201973	Yes	Yes	Targeted Therapy	Null	Chemotherapy	
No, 202046	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy	
	No	Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
	No	No	Immunotherapy	Surgery	Radiation Therapy	
	Yes	Yes	Surgery	Surgery	Radiation Therapy	
No, 202435	Yes	Yes	Immunotherapy	Null	Chemotherapy	
	No	No	Targeted Therapy	Chemotherapy	Null	
No, 202480	No	No	Immunotherapy	Surgery	Radiation Therapy	
		No	Chemotherapy	Null	Null	
No, 202523	No	No	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 202541	Yes	No	Chemotherapy	Null	Chemotherapy	
No, 202611	Yes	Yes	Chemotherapy	Null	Chemotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 202648	Yes	No	Radiation Therapy	Null	Surgery
No, 202684	No	No	Surgery	Surgery	Immunotherapy
No, 202806	No	Yes	Immunotherapy	Null	Targeted Therapy
No, 202903	No	Yes	Targeted Therapy	Null	Chemotherapy
No, 202912	Yes	No	Immunotherapy	Surgery	Targeted Therapy
No, 203030	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery
No, 203067	Yes	Yes	Immunotherapy	Surgery	Chemotherapy
No, 203085	Yes	No	Radiation Therapy	Immunotherapy	Immunotherapy
No, 203146	Yes	Yes	Surgery	Null	Radiation Therapy
No, 203225	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy
No, 203289	No	Yes	Targeted Therapy	Null	Targeted Therapy
No, 203368	Yes	No	Radiation Therapy	Immunotherapy	Surgery
No, 203438	Yes	No	Chemotherapy	Immunotherapy	Surgery
No, 203447	No	No	Surgery	Radiation Therapy	Radiation Therapy
No, 203474	Yes	Yes	Immunotherapy	Null	Null
No, 203517	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
No, 203526	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy
No, 203678	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
No, 203739	No	Yes	Radiation Therapy	Radiation Therapy	Surgery
No, 203748	Yes	Yes	Chemotherapy	Chemotherapy	Targeted Therapy
No, 203757	Yes	No	Targeted Therapy	Chemotherapy	Null
	Yes	No	Surgery	Null	Chemotherapy
	No	No	Immunotherapy	Chemotherapy	Immunotherapy
	Yes	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 204176	Yes	No	Chemotherapy	Immunotherapy	Targeted Therapy
	No	Yes	Immunotherapy	Chemotherapy	Null
	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy
	No	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy
No, 204422	Yes	No	Surgery	Null	Chemotherapy
No, 204440	No	No	Radiation Therapy	Surgery	Radiation Therapy
No, 204468	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy
	Yes	No	Chemotherapy	Null	Radiation Therapy
No, 204592	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
No, 204608	Yes	No	Immunotherapy	Surgery	Surgery
No, 204617	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 204680	No	Yes	Surgery	Targeted Therapy	Immunotherapy
		Yes	Radiation Therapy	Surgery	Null
	No	No	Chemotherapy	Null	Chemotherapy
No, 204796	No	Yes	Immunotherapy	Null	Chemotherapy
No, 204866	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 204884	Yes	No	Targeted Therapy	Surgery	Radiation Therapy
	Yes	Yes	Chemotherapy	Immunotherapy	Null
No, 204909	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy
No, 204963	Yes	No	Chemotherapy	Surgery	Chemotherapy
No, 205090	No	Yes	Chemotherapy	Null	Immunotherapy
	No	No	Surgery	Immunotherapy	Radiation Therapy
No, 205124	Yes	Yes	Surgery	Targeted Therapy	Null
No, 205179	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
	No	Yes	Radiation Therapy	Surgery	Chemotherapy Chemotherapy
140, 203203	140	103	кашастоп ппегару	Julgery	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 205391	No	No	Radiation Therapy	Targeted Therapy	Surgery	
No, 205443	Yes	No	Surgery	Targeted Therapy	Null	
No, 205470	Yes	No	Surgery	Surgery	Surgery	
No, 205513	No	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 205522	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy	
No, 205568	No	Yes	Radiation Therapy	Null	Targeted Therapy	
No, 205610	No	No	Targeted Therapy	Targeted Therapy	Surgery	
No, 205647	Yes	No	Chemotherapy	Null	Targeted Therapy	
No, 205692	No	No	Surgery	Null	Radiation Therapy	
No, 205708	Yes	No	Surgery	Surgery	Chemotherapy	
No, 205841	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 205887	Yes	Yes	Targeted Therapy	Surgery	Null	
No, 205966	No	No	Radiation Therapy	Radiation Therapy	Null	
No, 206002	No	No	Immunotherapy	Surgery	Surgery	
No, 206039	No	No	Immunotherapy	Null	Null	
No, 206048	Yes	No	Chemotherapy	Radiation Therapy	Targeted Therapy	
No, 206093	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy	
No, 206279	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 206288	No	No	Radiation Therapy	Targeted Therapy	Surgery	
No, 206321	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
No, 206330	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy	
	No	Yes	Immunotherapy	Immunotherapy	Surgery	
	No	Yes	Immunotherapy	Surgery	Targeted Therapy	
No, 206437	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 206491	Yes	Yes	Targeted Therapy	Null	Immunotherapy	
No, 206516	Yes	No	Immunotherapy	Null	Chemotherapy	
No, 206604	No	Yes	Immunotherapy	Radiation Therapy	Null	
	No	No	Targeted Therapy	Surgery	Chemotherapy	
No, 206862	No	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 206880	Yes	Yes	Targeted Therapy	Null	Radiation Therapy	
	No	No	Chemotherapy	Immunotherapy	Immunotherapy	
	No	No	Surgery	Chemotherapy	Targeted Therapy	
	No	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
	No	Yes	Surgery	Chemotherapy		
		Yes	Immunotherapy	Immunotherapy	Immunotherapy Radiation Therapy	
No, 207157	Yes	No	Surgery	Targeted Therapy	Surgery	
	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
	No	Yes	Chemotherapy	Null	Null	
	No	No	Targeted Therapy	Null	Surgery	
	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
	No	Yes	Surgery	Null	Surgery	
		No	Surgery	Null	Null	
	No	No	Radiation Therapy	Surgery	Chemotherapy	
No, 207449	Yes	Yes	Targeted Therapy	Radiation Therapy	Surgery	
No, 207500	No	No	Chemotherapy	Null	Null	
	Yes	Yes	Targeted Therapy	Null	Null	
No, 207564	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 207625	No	Yes	Radiation Therapy	Null	Immunotherapy	
No, 207670	No	Yes	Radiation Therapy	Null	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 207722	Yes	Yes	Surgery	Null	Targeted Therapy	
No, 207740	Yes	Yes	Radiation Therapy	Null	Chemotherapy	
No, 207786	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 207847	No	Yes	Surgery	Immunotherapy	Surgery	
No, 207865	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy	
No, 207971	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 208017	No	Yes	Radiation Therapy	Surgery	Radiation Therapy	
No, 208044	Yes	No	Surgery	Radiation Therapy	Null	
No, 208248	No	Yes	Chemotherapy	Chemotherapy	Surgery	
No, 208406	No	Yes	Targeted Therapy	Targeted Therapy	Null	
No, 208479	No	Yes	Chemotherapy	Surgery	Immunotherapy	
No, 208512	No	No	Targeted Therapy	Chemotherapy	Surgery	
No, 208637	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 208646	No	No	Radiation Therapy	Targeted Therapy	Null	
No, 208655	No	No	Targeted Therapy	Radiation Therapy	Null	
No, 208965	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
No, 209038	No	No	Radiation Therapy	Radiation Therapy	Null	
No, 209056	Yes	No	Radiation Therapy	Null	Surgery	
No, 209065	No	No	Targeted Therapy	Null	Radiation Therapy	
No, 209074	Yes	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
No, 209205	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy	
No, 209250	Yes	No	Immunotherapy	Targeted Therapy	Null	
No, 209506	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 209533	No	No	Targeted Therapy	Surgery	Immunotherapy	
No, 209542	Yes	No	Immunotherapy	Surgery	Immunotherapy	
No, 209551	Yes	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 209603	No	No	Radiation Therapy	Immunotherapy	Immunotherapy	
No, 209612		Yes	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 209676	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 209700	Yes	Yes	Immunotherapy	Chemotherapy	Immunotherapy	
No, 209746	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 209986	No	Yes	Chemotherapy	Chemotherapy	Surgery	
No, 210234		No	Chemotherapy	Chemotherapy	Chemotherapy	
No, 210270	No	No	Targeted Therapy	Null	Null	
No, 210304	Yes	Yes	Surgery	Surgery	Immunotherapy	
No, 210359	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 210368	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
No, 210401	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy	
No, 210483	Yes	Yes	Radiation Therapy	Immunotherapy	Surgery	
No, 210508	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 210605	No	Yes	Chemotherapy	Null	Radiation Therapy	
No, 210669	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy	
No, 210009	No	No	Surgery	Immunotherapy	Targeted Therapy	
No, 210711 No, 210739	No	No	Radiation Therapy	Surgery	Null	
No, 210739	No	No			Chemotherapy	
No, 210748 No, 210784	No	Yes	Surgery Chemotherapy	Surgery Radiation Therapy	Radiation Therapy	
No, 210784 No, 211006	No	No	Chemotherapy	Null	Null	
	Yes	Yes				
No. 211024			Immunotherapy	Immunotherapy	Surgery	
No, 211079	Yes	Yes	Radiation Therapy	Null	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	atment proced	
No, 211158	No	No	Targeted Therapy	Surgery	liation Therapy	
No, 211291	No	No	Surgery	Null	nunotherapy	
No, 211307	Yes	Yes	Radiation Therapy	Null	nunotherapy	
No, 211334	No	No	Immunotherapy	Surgery	geted Therapy	
No, 211440	No	Yes	Surgery	Chemotherapy	emotherapy	
No, 211477	No	Yes	Chemotherapy	Surgery	diation Therapy	
No, 211556	No	Yes	Radiation Therapy	Surgery	diation Therapy	
No, 211617	No	Yes	Targeted Therapy	Null	gery	
No, 211635	Yes	No	Targeted Therapy	Null	emotherapy	
No, 211802	No	No	Radiation Therapy	Targeted Therapy		
No, 211893	Yes	No	Chemotherapy	Chemotherapy	diation Therapy	
No, 211909	Yes	No	Surgery	Radiation Therapy	geted Therapy	
No, 211927	No	Yes	Surgery	Null	gery	
No, 212009	No	Yes	Immunotherapy	Chemotherapy		
No, 212018	No	Yes	Chemotherapy	Surgery		
No, 212090	No	No	Surgery	Targeted Therapy	gery	
No, 212133	Yes	Yes	Chemotherapy	Immunotherapy	geted Therapy	
No, 212212	No	Yes	Targeted Therapy	Radiation Therapy		
No, 212230	No	Yes	Immunotherapy	Immunotherapy	gery	
No, 212267	Yes	Yes	Immunotherapy	Immunotherapy	geted Therapy	
No, 212294	No	Yes	Radiation Therapy	Chemotherapy		
No, 212373	Yes	Yes	Surgery	Null	gery	
No, 212391	Yes	No	Chemotherapy	Surgery	emotherapy	
No, 212434	No	No	Surgery	Null	nunotherapy	
No, 212452	No	Yes	Immunotherapy	Surgery	nunotherapy	
No, 212568	No	Yes	Chemotherapy	Immunotherapy	nunotherapy	
No, 212601	No	Yes	Surgery	Surgery	diation Therapy	
No, 212656	Yes	Yes	Chemotherapy	Radiation Therapy	gery	
No, 212708	Yes	No	Radiation Therapy	Surgery		
No, 212753	No	Yes	Radiation Therapy	Targeted Therapy	geted Therapy	
No, 212805	Yes	No	Surgery	Immunotherapy		
No, 212869	Yes	No	Immunotherapy	Surgery	emotherapy	
No, 212878	No	Yes	Radiation Therapy	Immunotherapy		
No, 212993	No	No	Chemotherapy	Chemotherapy	diation Therapy	
No, 213002	Yes	No	Radiation Therapy	Targeted Therapy	emotherapy	
No, 213020	No	Yes	Surgery	Null	nunotherapy	
No, 213057	No	Yes	Immunotherapy	Targeted Therapy		
No, 213163	No	No	Radiation Therapy	Immunotherapy	nunotherapy	
No, 213233	Yes	Yes	Surgery	Null	gery	
No, 213303	Yes	Yes	Targeted Therapy	Immunotherapy	nunotherapy	
No, 213321	Yes	No	Chemotherapy	Targeted Therapy	nunotherapy	
No, 213349	No	Yes	Surgery	Radiation Therapy	gery	
No, 213358	No	Yes	Targeted Therapy	Null	geted Therapy	
No, 213367	No	Yes	Chemotherapy	Chemotherapy	geted Therapy	
No, 213400	Yes	Yes	Immunotherapy	Null	diation Therapy	
No, 213455	Yes	No	Chemotherapy	Null	diation Therapy	
No, 213473	No	Yes	Surgery	Surgery	gery	
No, 213525	Yes	Yes	Immunotherapy	Radiation Therapy	geted Therapy	
No, 213543	No	No	Targeted Therapy	Surgery	diation Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 213598	No	No	Chemotherapy	Null	Radiation Therapy	
No, 213622	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 213668	No	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 213686	No	No	Chemotherapy	Chemotherapy	Null	
No, 213774	No	Yes	Chemotherapy	Null	Targeted Therapy	
No, 213783	No	No	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 213914	No	Yes	Surgery	Surgery	Null	
No, 213932	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 213996	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No, 214111	No	No	Radiation Therapy	Null	Radiation Therapy	
No, 214148	No	Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 214175	Yes	No	Radiation Therapy	Null	Surgery	
No, 214272	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy	
No, 214290	Yes	No	Surgery	Targeted Therapy	Targeted Therapy	
No, 214528	No	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 214564	No	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 214591	No	No	Surgery	Radiation Therapy	Radiation Therapy	
No, 214634	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No, 214643	Yes	No	Targeted Therapy	Immunotherapy	Surgery	
No, 214661	No	No	Surgery	Surgery	Surgery	
No, 214670	No	Yes	Targeted Therapy	Null	Null	
No, 214698	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy	
No, 214704	Yes	No	Surgery	Targeted Therapy	Surgery	
No, 214740	No	Yes	Surgery	Chemotherapy	Null	
No, 214768	Yes	Yes	Targeted Therapy	Surgery	Surgery	
No, 214786	Yes	Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 214795	Yes	No	Targeted Therapy	Radiation Therapy	Radiation Therapy	
No, 214810	Yes	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 214838	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 214883	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 214971	No	Yes	Chemotherapy	Null	Radiation Therapy	
No, 215026	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 215044	No	No	Surgery	Immunotherapy	Null	
No, 215105	Yes	No	Chemotherapy	Chemotherapy	Null	
No, 215114	No	No	Immunotherapy	Radiation Therapy	Surgery	
No, 215132	No	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 215239	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
No, 215266	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 215284	No	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 215293	Yes	Yes	Chemotherapy	Targeted Therapy	Null	
No, 215415	No	Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 215479	Yes	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 215530	No	Yes	Surgery	Surgery	Null	
No, 215585	Yes	Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 215594	No	Yes	Radiation Therapy	Surgery	Immunotherapy	
No, 215646	No	No	Surgery	Null	Surgery	
No, 215682	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 215691	Yes	No	Radiation Therapy	Surgery	Surgery	
No, 215743	No	Yes	Surgery	Surgery	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 215770	No	No	Chemotherapy	Surgery	Targeted Therapy	
No, 215798	Yes	No	Targeted Therapy	Null	Targeted Therapy	
No, 215965	Yes	No	Targeted Therapy	Surgery	Immunotherapy	
No, 215992	No	Yes	Targeted Therapy	Null	Surgery	
No, 216010	Yes	Yes	Surgery	Chemotherapy	Surgery	
No, 216074	No	Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 216083	No	Yes	Immunotherapy	Surgery	Chemotherapy	
No, 216162	Yes	Yes	Targeted Therapy	Null	Null	
No, 216278	Yes	Yes	Surgery	Null	Targeted Therapy	
No, 216287	No	Yes	Surgery	Radiation Therapy	Surgery	
No, 216311	Yes	No	Targeted Therapy	Null	Radiation Therapy	
No, 216339	No	No	Surgery	Null	Radiation Therapy	
No, 216357	No	No	Chemotherapy	Null	Surgery	
	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 216463	No	No	Radiation Therapy	Surgery	Immunotherapy	
No, 216542	No	No	Chemotherapy	Surgery	Targeted Therapy	
	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy	
No, 216667	No	No	Chemotherapy	Radiation Therapy	Radiation Therapy	
	No	No	Targeted Therapy	Null	Immunotherapy	
No, 216825	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
	No	No	Immunotherapy	Chemotherapy	Chemotherapy	
	Yes	No	Immunotherapy	Null	Radiation Therapy	
No, 217086	Yes	Yes	Surgery	Surgery	Targeted Therapy	
No, 217165	Yes	Yes	Immunotherapy	Surgery	Null	
No, 217305	No	No	Radiation Therapy	Chemotherapy	Chemotherapy	
No, 217323	Yes	No	Surgery	Null	Targeted Therapy	
No, 217402	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery	
	No	No	Surgery	Surgery	Radiation Therapy	
No, 217484	Yes	No	Immunotherapy	Null	Surgery	
	Yes	Yes	Targeted Therapy	Surgery	Null	
	No	Yes	Surgery	Surgery	Surgery	
	No	No	Targeted Therapy	Chemotherapy	Chemotherapy	
		Yes	Radiation Therapy	Null	Targeted Therapy	
No, 217712	Yes	Yes	Immunotherapy	Targeted Therapy	Null	
		No	Targeted Therapy	Chemotherapy	Targeted Therapy	
	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
		Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 217734 No, 217828	Yes	No	Chemotherapy	Immunotherapy	Surgery	
	No	Yes	Surgery	Surgery	Radiation Therapy	
	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery	
	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 218023	Yes	Yes	Surgery	Null	Radiation Therapy	
	No	Yes	Radiation Therapy	Null	Targeted Therapy	
No, 218113	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 218113 No, 218195	Yes	Yes	Targeted Therapy	Null	Targeted Therapy	
No, 218229	Yes	No	Surgery	Surgery	Null	
No, 218238	Yes	No	Targeted Therapy	Null	Targeted Therapy	
		No	Radiation Therapy	Null		
110, 210320	No	INU	кашашин птегару	INUII	Chemotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 218539	Yes	Yes	Targeted Therapy	Radiation Therapy	Null		
No, 218645	No	No	Surgery	Null	Surgery		
No, 218663	Yes	Yes	Radiation Therapy	Null	Immunotherapy		
No, 218681	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy		
No, 218690	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
	No	Yes	Chemotherapy	Null	Immunotherapy		
	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy		
	No	No	Surgery	Targeted Therapy	Surgery		
	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
	No	No	Targeted Therapy	Surgery	Targeted Therapy		
No, 218973	Yes	No	Chemotherapy	Radiation Therapy	Immunotherapy		
No, 218991	No	No	Surgery	Null	Surgery		
No, 219000	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy		
No, 219046	Yes	No	Immunotherapy	Targeted Therapy	Immunotherapy		
No, 219082	No	No	Immunotherapy	Radiation Therapy	Chemotherapy		
No, 219091	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery		
	No	No	Radiation Therapy	Surgery	Surgery		
No, 219170	No	Yes	Chemotherapy	Null	Immunotherapy		
No, 219198	Yes	Yes	Targeted Therapy	Surgery	Radiation Therapy		
	Yes	No	Surgery	Immunotherapy	Radiation Therapy		
	Yes	No	Immunotherapy	Radiation Therapy	Chemotherapy		
	No	No	Chemotherapy	Null	Radiation Therapy		
		Yes	Immunotherapy	Chemotherapy	Surgery		
No, 219383	No	No	Chemotherapy	Null	Null		
No, 219303							
No, 219392 No, 219426	No	No	Chemotherapy	Immunotherapy	Surgery Padiation Thorago		
	Yes	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy		
No, 219455 No, 219505	Yes	No	Surgery Radiation Therapy	Chemotherapy	Surgery		
	Yes			Chemotherapy	Surgery		
No, 219578		No	Radiation Therapy	Chemotherapy	Targeted Therapy		
No, 219596	Yes	Yes	Immunotherapy	Null	Surgery		
No, 219602	No	No	Surgery	Null	Radiation Therapy		
	No	Yes	Surgery	Radiation Therapy	Chemotherapy		
	Yes	Yes	Radiation Therapy	Surgery	Surgery		
	Yes	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 219790	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy		
	No	Yes	Targeted Therapy	Surgery	Surgery		
No, 220057	Yes	No	Immunotherapy	Null	Null		
No, 220136	Yes	No	Immunotherapy	Null	Chemotherapy		
	No	No	Immunotherapy	Chemotherapy	Targeted Therapy		
	Yes	Yes	Immunotherapy	Null	Null		
	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy		
	No	No	Immunotherapy	Targeted Therapy	Null		
No, 220552	No	No	Surgery	Chemotherapy	Radiation Therapy		
	No	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy		
	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy		
	Yes	No	Radiation Therapy	Null	Targeted Therapy		
No, 220710	Yes	No	Chemotherapy	Surgery	Targeted Therapy		
No, 220756	Yes	Yes	Surgery	Immunotherapy	Immunotherapy		
No, 220792	No	No	Surgery	Immunotherapy	Radiation Therapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 220808	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 220996	No	Yes	Chemotherapy	Null	Null
No, 221050	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 221184	No	No	Immunotherapy	Null	Chemotherapy
No, 221236	Yes	No	Surgery	Chemotherapy	Chemotherapy
No, 221254	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy
No, 221290	Yes	No	Chemotherapy	Immunotherapy	Targeted Therapy
No, 221333	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 221397	Yes	No	Chemotherapy	Immunotherapy	Radiation Therapy
No, 221430	No	No	Surgery	Radiation Therapy	Immunotherapy
No, 221494	No	No	Radiation Therapy	Null	Chemotherapy
No, 221519	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery
No, 221582	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 221625	Yes	No	Radiation Therapy	Radiation Therapy	Chemotherapy
No, 221740	No	No	Surgery	Radiation Therapy	Targeted Therapy
No, 221759	No	No	Targeted Therapy	Immunotherapy	Null
No, 221768	Yes	No	Surgery	Radiation Therapy	Immunotherapy
No, 221829	No	Yes	Surgery	Targeted Therapy	Immunotherapy
No, 221838	No	Yes	Surgery	Null	Surgery
No, 221908	Yes	No	Surgery	Null	Immunotherapy
No, 221980	Yes	No	Surgery	Radiation Therapy	Surgery
No, 221999	No	Yes	Targeted Therapy	Null	Immunotherapy
No, 222026	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
No, 222062	No	Yes	Immunotherapy	Surgery	Null
No, 222105					
No, 222103	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy
No, 222178 No, 222567		Yes	Surgery	Targeted Therapy	Chemotherapy
	No	No No	Chemotherapy	Targeted Therapy	Surgery
No, 222628	No	No	Immunotherapy	Immunotherapy	Radiation Therapy
No, 222673	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy
No, 222831	No	Yes	Targeted Therapy	Surgery	Null
No, 222877	Yes	No	Radiation Therapy	Surgery	Immunotherapy
No, 222886	No	No	Radiation Therapy	Surgery	Surgery
No, 222983	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
No, 222992	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy
No, 223056	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy
No, 223117	No	Yes	Radiation Therapy	Surgery	Chemotherapy
No, 223223	No	Yes	Surgery	Surgery	Surgery
No, 223506	Yes	No	Surgery	Surgery	Targeted Therapy
No, 223773	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery
No, 223852	No	No	Surgery	Chemotherapy	Radiation Therapy
No, 223898	Yes	No	Immunotherapy	Null	Immunotherapy
No, 224004	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 224110	Yes	No	Immunotherapy	Radiation Therapy	Chemotherapy
No, 224147	No	No	Targeted Therapy	Surgery	Radiation Therapy
No, 224183	No	No	Chemotherapy	Surgery	Targeted Therapy
No, 224244	Yes	Yes	Immunotherapy	Surgery	Immunotherapy
No, 224253	No	No	Targeted Therapy	Null	Immunotherapy
No, 224305	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy
No, 224323	No	No	Targeted Therapy	Surgery	Null

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	ment proced	
No, 224439	No	No	Chemotherapy	Null	tion Therapy	
No, 224527	No	No	Chemotherapy	Chemotherapy	ry	
No, 224545	No	Yes	Surgery	Targeted Therapy	tion Therapy	
No, 224615	No	Yes	Immunotherapy	Immunotherapy	notherapy	
No, 224642	No	Yes	Surgery	Null	otherapy	
No, 224660	No	Yes	Chemotherapy	Targeted Therapy	ted Therapy	
No, 224776	Yes	Yes	Chemotherapy	Chemotherapy	otherapy	
No, 224907	No	No	Chemotherapy	Null	ted Therapy	
No, 225070	Yes	No	Radiation Therapy	Targeted Therapy	otherapy	
No, 225201	Yes	No	Immunotherapy	Chemotherapy	ted Therapy	
No, 225247	Yes	No	Surgery	Chemotherapy	notherapy	
No, 225308	Yes	Yes	Targeted Therapy	Surgery	ted Therapy	
No, 225371	No	No	Surgery	Radiation Therapy	tion Therapy	
No, 225414	No	No	Chemotherapy	Radiation Therapy	ry	
No, 225423	No	No	Radiation Therapy	Radiation Therapy	ry	
No, 225432	Yes	No	Immunotherapy	Targeted Therapy	ted Therapy	
No, 225520	No	Yes	Surgery	Immunotherapy	tion Therapy	
No, 225575	Yes	No	Immunotherapy	Null	tion Therapy	
No, 225627	Yes	No	Chemotherapy	Chemotherapy	otherapy	
No, 225751	No	Yes	Targeted Therapy	Immunotherapy	ted Therapy	
No, 225849	Yes	Yes	Surgery	Null	notherapy	
No, 225858	Yes	No	Chemotherapy	Targeted Therapy	otherapy	
No, 225876	Yes	No	Surgery	Chemotherapy	otherapy	
No, 226019	Yes	Yes	Radiation Therapy	Null	otherapy	
No, 226107	Yes	Yes	Targeted Therapy	Radiation Therapy	ry	
No, 226116		No	Targeted Therapy	Chemotherapy	tion Therapy	
No, 226134	No	No	Targeted Therapy	Null		
No, 226231	No	No	Radiation Therapy	Null	otherapy	
No, 226277	No	No	Immunotherapy	Chemotherapy	otherapy	
No, 226374	Yes	No	Surgery	Surgery	ry	
No, 226383	Yes	No	Chemotherapy	Radiation Therapy	otherapy	
No, 226408	Yes	No	Immunotherapy	Null	otherapy	
No, 226587	Yes	Yes	Chemotherapy	Surgery	tion Therapy	
No, 226675	Yes	No	Targeted Therapy	Radiation Therapy	ted Therapy	
		Yes	Chemotherapy	Surgery	otherapy	
No, 226879	No	No	Radiation Therapy	Null	notherapy	
No, 226903	No	Yes	Radiation Therapy	Null	11.1.162	
No, 227003	Yes	Yes	Targeted Therapy	Radiation Therapy		
No, 227058	No	Yes	Surgery	Surgery	tion Therapy	
No, 227146	No	No	Immunotherapy	Radiation Therapy		
No, 227182	Yes	No	Surgery	Null	ted Therapy	
		Yes	Chemotherapy	Chemotherapy	otherapy	
No, 227225	No	Yes	Chemotherapy	Targeted Therapy	ry	
No, 227243		Yes	Targeted Therapy	Surgery	notherapy	
No, 227304	Yes	Yes	Chemotherapy	Null	ted Therapy	
No, 227313	Yes	Yes	Surgery	Chemotherapy	tion Therapy	
No, 227368	Yes	Yes	Immunotherapy	Null	tion Therapy	
No, 227401	Yes	Yes	Surgery	Radiation Therapy	ted Therapy	
No, 227526	No	No	Radiation Therapy	Targeted Therapy	otherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
	Yes	No	Radiation Therapy	Chemotherapy	Surgery
No, 227766	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
No, 227845	No	No	Radiation Therapy	Immunotherapy	Chemotherapy
No, 227863	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
No, 227881	Yes	Yes	Targeted Therapy	Null	Radiation Therapy
No, 227924	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 228149	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy
No, 228185	Yes	No	Surgery	Chemotherapy	Radiation Therapy
No, 228194	No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy
	No	No	Targeted Therapy	Chemotherapy	Immunotherapy
No, 228282	No	Yes	Surgery	Radiation Therapy	Surgery
No, 228468	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
No, 228608	No	No	Radiation Therapy	Surgery	Surgery
No, 228635	Yes	Yes	Surgery	Chemotherapy	Null
	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy
	No	No	Immunotherapy	Chemotherapy	Radiation Therapy
	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy
	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
	Yes	No	Surgery	Immunotherapy	Targeted Therapy
		No	Immunotherapy	Surgery	Chemotherapy
	No	No	Immunotherapy	Surgery	Radiation Therapy
		No	Immunotherapy	Targeted Therapy	Radiation Therapy
	Yes	No	Chemotherapy	Chemotherapy	Targeted Therapy
	No	No	Targeted Therapy	Targeted Therapy	Surgery
	Yes	Yes	Chemotherapy	Chemotherapy	Targeted Therapy
	No	No	Radiation Therapy	Chemotherapy	Null
	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy
	Yes	No	Radiation Therapy	Surgery	Radiation Therapy
	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy
	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery
	Yes	No No	Radiation Therapy	Radiation Therapy Null	Targeted Therapy
	Yes		Radiation Therapy		Chemotherapy
	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy
	No	No	Targeted Therapy	Immunotherapy	Targeted Therapy
	Yes	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
	No	Yes	Surgery	Immunotherapy	Immunotherapy
	No	Yes	Radiation Therapy	Null	Targeted Therapy
	Yes	Yes	Chemotherapy	Null	Chemotherapy
	Yes	Yes	Surgery	Null	Immunotherapy
		No	Surgery	Immunotherapy	Radiation Therapy
	No	Yes	Immunotherapy	Targeted Therapy	Null
	Yes	No	Radiation Therapy	Immunotherapy	Null
	Yes	Yes	Targeted Therapy	Null	Null
No, 230490	Yes	No	Chemotherapy	Null	Radiation Therapy
No, 230630	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy
No, 230676	No	Yes	Surgery	Radiation Therapy	Null
No, 230728	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy
No, 230737	No	Yes	Surgery	Radiation Therapy	Null
No, 230746	Yes	No	Radiation Therapy	Radiation Therapy	Null

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 230764	No	Yes	Surgery	Radiation Therapy	Null	
No, 230816	No	No	Radiation Therapy	Radiation Therapy	Radiation Therapy	
No, 230825	No	Yes	Surgery	Chemotherapy	Null	
No, 230834	Yes	Yes	Surgery	Immunotherapy	Surgery	
No, 230852	No	Yes	Chemotherapy	Targeted Therapy	Surgery	
No, 230861	No	No	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 230898	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 230940	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy	
No, 230959	Yes	Yes	Chemotherapy	Null	Targeted Therapy	
No, 231068	No	Yes	Chemotherapy	Surgery	Surgery	
No, 231086	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 231095	Yes	No	Chemotherapy	Chemotherapy	Surgery	
No, 231280	No	No	Immunotherapy	Chemotherapy	Chemotherapy	
No, 231420	No	No	Targeted Therapy	Immunotherapy	Immunotherapy	
No, 231554	Yes	No	Targeted Therapy	Null	Radiation Therapy	
No, 231697	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy	
No, 231712	Yes	No	Targeted Therapy	Null	Targeted Therapy	
No, 231785	Yes	No	Targeted Therapy	Null	Surgery	
No, 231828	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 231970	Yes	No	Chemotherapy	Radiation Therapy	Null	
No, 232016	No	Yes	Immunotherapy	Null	Surgery	
No, 232025	Yes	No	Surgery	Radiation Therapy	Null	
No, 232043	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 232089	Yes	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 232186	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 232265	Yes	Yes	Radiation Therapy	Surgery	Radiation Therapy	
No, 232308	Yes	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 232423	No	Yes	Chemotherapy	Radiation Therapy	Surgery	
No, 232450	No	Yes	Targeted Therapy	Immunotherapy	Surgery	
No, 232566	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 232609	No	Yes	Targeted Therapy	Null	Surgery	
No, 232672	Yes	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 232724	No	Yes	Chemotherapy	Null	Immunotherapy	
No, 232797	Yes	Yes	Chemotherapy	Null	Null	
No, 232867	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy	
No, 232946	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 233277	Yes	Yes	Immunotherapy	Null	Immunotherapy	
No, 233295	No	No	Radiation Therapy	Null	Null	
No, 233338	Yes	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 233374	No	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 233408	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 233480	Yes	No	Chemotherapy	Null	Targeted Therapy	
No, 233499	Yes	Yes	Surgery	Immunotherapy	Surgery	
No, 233611	Yes	Yes	Surgery	Surgery	Chemotherapy	
No, 233648	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy	
No, 233657	No	No	Immunotherapy	Surgery	Immunotherapy	
No, 233666	Yes	Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 233718	Yes	Yes	Immunotherapy	Null	Surgery	
No, 233754	Yes	Yes	Radiation Therapy	Null	Null	
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Patient ID	Effective III	Effoctivo:	Treatment proced	Treatment Proced	Treatment proced
No, 233903	Yes	No	Immunotherapy	Treatment Proced  Targeted Therapy	Chemotherapy
No, 233921	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy
No, 234030	Yes	Yes	Radiation Therapy		Radiation Therapy
		Yes	Surgery	Surgery	Radiation Therapy
No, 234085	No	Yes	Targeted Therapy	Surgery	Surgery
	No	Yes	Targeted Therapy	Null	Targeted Therapy
	No	Yes	Surgery	Targeted Therapy	Chemotherapy
	Yes	Yes	Surgery	Null	Targeted Therapy
No, 234207	Yes	Yes	Radiation Therapy	Null	
No, 234207 No, 234216	Yes	No			Chemotherapy Targeted Thorapy
			Radiation Therapy	Immunotherapy	Targeted Therapy
No, 234359	No	Yes	Immunotherapy	Null Dadiation Thoragu	Radiation Therapy
No, 234492	No	Yes	Surgery	Radiation Therapy	Radiation Therapy
No, 234650	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy
No, 234687	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery
	No	Yes	Chemotherapy	Targeted Therapy	Null
No, 234739	No	No	Targeted Therapy	Radiation Therapy	Immunotherapy
	No	Yes	Chemotherapy	Surgery	Immunotherapy
		No	Surgery	Immunotherapy	Chemotherapy
No, 234933	No	No	Chemotherapy	Null	Null
No, 234951	No	Yes	Chemotherapy	Surgery	Null
No, 235088	Yes	No	Chemotherapy	Surgery	Surgery
No, 235103	Yes	Yes	Immunotherapy	Targeted Therapy	Radiation Therapy
No, 235149	No	Yes	Radiation Therapy	Targeted Therapy	Null
No, 235237	No	Yes	Surgery	Null	Surgery
No, 235307	No	No	Radiation Therapy	Null	Immunotherapy
No, 235316	No	Yes	Immunotherapy	Chemotherapy	Targeted Therapy
No, 235334	Yes	Yes	Radiation Therapy	Immunotherapy	Null
No, 235343	No	No	Targeted Therapy	Null	Targeted Therapy
No, 235352	No	No	Immunotherapy	Chemotherapy	Chemotherapy
No, 235422	Yes	No	Radiation Therapy	Immunotherapy	Null
No, 235431	Yes	No	Immunotherapy	Null	Targeted Therapy
	No	Yes	Surgery	Surgery	Immunotherapy
No, 235750	Yes	Yes	Surgery	Radiation Therapy	Chemotherapy
No, 236018	No	Yes	Targeted Therapy	Null	Immunotherapy
	No	No	Chemotherapy	Surgery	Chemotherapy
No, 236188	Yes	No	Surgery	Chemotherapy	Targeted Therapy
	No	Yes	Chemotherapy	Chemotherapy	Surgery
No, 236328	Yes	No	Radiation Therapy	Null	Surgery
No, 236382	Yes	Yes	Surgery	Targeted Therapy	Surgery
No, 236452	No		Radiation Therapy	Surgery	Targeted Therapy
No, 236452 No, 236577	Yes	Yes			
			Targeted Therapy	Immunotherapy	Chemotherapy
	No	Yes	Surgery	Null	Null
No, 236708	Yes	Yes	Targeted Therapy	Surgery	Chemotherapy
No, 236744	Yes	No	Chemotherapy	Chemotherapy	Surgery
	No	Yes	Radiation Therapy	Null	Surgery
No, 236896	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery
No, 236993	No	No	Chemotherapy	Chemotherapy	Targeted Therapy
No, 237109	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 237136	Yes	No	Targeted Therapy	Immunotherapy	Null

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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 237172	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy		
No, 237181	No	No	Targeted Therapy	Surgery	Null		
No, 237242	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 237312	Yes	No	Targeted Therapy	Null	Surgery		
No, 237321	No	No	Radiation Therapy	Radiation Therapy	Radiation Therapy		
No, 237330	Yes	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 237358	Yes	No	Surgery	Null	Immunotherapy		
No, 237367	No	No	Immunotherapy	Immunotherapy	Surgery		
No, 237437	Yes	No	Targeted Therapy	Targeted Therapy	Targeted Therapy		
No, 237507	No	Yes	Immunotherapy	Null	Radiation Therapy		
No, 237525	No	No	Immunotherapy	Surgery	Chemotherapy		
No, 237543	No	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy		
No, 237552	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy		
No, 237561	Yes	No	Radiation Therapy	Immunotherapy	Null		
No, 237598	No	No	Surgery	Targeted Therapy	Targeted Therapy		
No, 237604	No	Yes	Chemotherapy	Null	Immunotherapy		
No, 237613	Yes	Yes	Chemotherapy	Null	Null		
No, 237686	No	No	Surgery	Radiation Therapy	Targeted Therapy		
No, 237701	No	Yes	Immunotherapy	Chemotherapy	Immunotherapy		
No, 237729	Yes	No	Targeted Therapy	Chemotherapy	Null		
No, 237783	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy		
No, 237792	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 237817	No	Yes	Immunotherapy	Surgery	Radiation Therapy		
No, 237899	No	Yes	Chemotherapy	Null	Immunotherapy		
No, 237932	No	Yes	Surgery	Radiation Therapy	Radiation Therapy		
No, 237950	Yes	No	Chemotherapy	Null	Radiation Therapy		
No, 237969	Yes	Yes	Chemotherapy	Radiation Therapy	Null		
No, 237996	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy		
No, 238005	Yes	Yes	Immunotherapy	Null	Radiation Therapy		
No, 238014	No	No	Surgery	Surgery	Immunotherapy		
No, 238078	No	Yes	Immunotherapy	Targeted Therapy	Null		
No, 238096	Yes	Yes	Radiation Therapy	Null	Radiation Therapy		
No, 238166	No	No	Surgery	Targeted Therapy	Immunotherapy		
No, 238175	No	No	Radiation Therapy	Null	Radiation Therapy		
No, 238193	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 238324	No	Yes	Chemotherapy	Immunotherapy	Surgery		
No, 238333	Yes	No	Chemotherapy	Null	Surgery		
No, 238430	Yes	Yes	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 238759	Yes	No	Radiation Therapy	Surgery	Targeted Therapy		
No, 238935	No	No	Chemotherapy	Chemotherapy	Surgery		
No, 238980	Yes	Yes	Immunotherapy	Null	Chemotherapy		
No, 239132	Yes	No	Radiation Therapy	Null	Null		
No, 239169	No	No	Chemotherapy	Radiation Therapy	Targeted Therapy		
No, 239248	No	No	Immunotherapy	Null	Immunotherapy		
No, 239309	No	Yes	Chemotherapy	Chemotherapy	Null		
No, 239318	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy		
No, 239372	No	No	Surgery	Null	Null		
No, 239390	Yes	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy		
No, 239442	No	No	Targeted Therapy	Null	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 239488	No	Yes	Chemotherapy	Immunotherapy	Chemotherapy	
No, 239503	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 239512	No	No	Surgery	Surgery	Null	
No, 239628	No	Yes	Radiation Therapy	Null	Targeted Therapy	
No, 239743	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 239929	Yes	Yes	Chemotherapy	Null	Immunotherapy	
No, 240107	Yes	Yes	Surgery	Chemotherapy	Null	
No, 240116	No	Yes	Immunotherapy	Immunotherapy	Null	
No, 240125	No	Yes	Surgery	Radiation Therapy	Surgery	
No, 240170	No	Yes	Chemotherapy	Null	Radiation Therapy	
No, 240268	No	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 240277	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery	
No, 240329	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy	
No, 240365	No	Yes	Immunotherapy	Immunotherapy	Null	
No, 240417	No	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 240462	No	No	Chemotherapy	Null	Immunotherapy	
No, 240471	No	Yes	Surgery	Immunotherapy	Targeted Therapy	
No, 240480	No	No	Surgery	Immunotherapy	Radiation Therapy	
No, 240596	No	Yes	Chemotherapy	Null	Null	
No, 240620	Yes	Yes	Targeted Therapy	Immunotherapy	Null	
No, 240709	No	No	Radiation Therapy	Null	Null	
No, 240736	Yes	Yes	Immunotherapy	Surgery	Chemotherapy	
No, 240745	Yes	No	Immunotherapy	Surgery	Targeted Therapy	
No, 240790	No	No	Immunotherapy	Targeted Therapy	Targeted Therapy	
No, 241100	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
No, 241146	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 241182	No	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 241191	No	No	Targeted Therapy	Surgery	Null	
No, 241225	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 241331	Yes	No	Chemotherapy	Null	Radiation Therapy	
No, 241395	No	No	Surgery	Targeted Therapy	Immunotherapy	
No, 241720	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 241739	Yes	Yes	Radiation Therapy	Chemotherapy	Null	
No, 241766	No	No	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 241793		Yes	Immunotherapy	Null	Surgery	
No, 241906	No	Yes	Chemotherapy	Radiation Therapy	Null	
No, 241951		Yes	Surgery	Null	Null	
No, 242042	Yes	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 242112	No	No	Radiation Therapy	Chemotherapy	Null	
No, 242121	No	No	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 242130	No	Yes	Chemotherapy	Surgery	Surgery	
		No	Surgery	Radiation Therapy	Immunotherapy	
No, 242316	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 242422	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 242565	Yes	No	Surgery	Surgery	Radiation Therapy	
No, 242635	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 242653	No	No	Surgery	Null	Chemotherapy	
No, 242662	No	No	Surgery	Null	Radiation Therapy	
No, 242671	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy	
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No, 242705 No Yes Chemotherapy Surgery Radiation Therapy No, 242884 No Yes Immunotherapy Chemotherapy Chemotherapy No, 242945 No Yes Targeted Therapy Immunotherapy Null No, 242972 No No Chemotherapy Targeted Therapy Immunotherapy No, 242981 No No Chemotherapy Targeted Therapy Immunotherapy No, 243972 No No Yes Radiation Therapy Immunotherapy No, 243972 No No Radiation Therapy Null Chemotherapy No, 243081 No No Radiation Therapy Null Surgery No, 243106 No No Radiation Therapy Null Chemotherapy No, 243133 No No Chemotherapy Null Chemotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 2432407 No No Surgery Radiation Therapy Targeted Therapy No, 2433407 No No Immunotherapy Radiation Therapy Surgery No, 2433407 No No Immunotherapy Radiation Therapy Surgery No, 243360 Yes Surgery Chemotherapy Targeted Therapy No, 243601 Yes Yes Surgery Chemotherapy Targeted Therapy Targeted Therapy Targeted Therapy No, 243601 Yes Yes Surgery Chemotherapy Targeted Therapy	
No, 242945 No Yes Targeted Therapy Immunotherapy Null  No, 242972 No No Chemotherapy Targeted Therapy Radiation Therapy  No, 242981 No No Chemotherapy Targeted Therapy Immunotherapy  No, 243072 No Yes Radiation Therapy Immunotherapy Radiation Therapy  No, 243081 No No Radiation Therapy Null Chemotherapy  No, 243106 No No Radiation Therapy Null Surgery  No, 243133 No No Chemotherapy Null Chemotherapy  No, 243151 No Yes Radiation Therapy Surgery Immunotherapy  No, 243212 No No Surgery Radiation Therapy Targeted Therapy  No, 243406 No Yes Surgery Null Surgery  No, 243407 No No Immunotherapy Radiation Therapy Surgery  No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  No, 243407 No No Immunotherapy Radiation Therapy Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  Targeted Therapy  No, 243586 No Yes Chemotherapy Immunotherapy  Targeted Therapy	
No, 242972 No No Chemotherapy Targeted Therapy Radiation Therapy No, 242981 No No Chemotherapy Targeted Therapy Immunotherapy No, 243072 No Yes Radiation Therapy Immunotherapy Radiation Therapy No, 243081 No No Radiation Therapy Null Chemotherapy No, 243106 No No Radiation Therapy Null Surgery No, 243133 No No No Chemotherapy Null Chemotherapy No, 243131 No No Yes Radiation Therapy Surgery Immunotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 242981 No No Chemotherapy Targeted Therapy Immunotherapy No, 243072 No Yes Radiation Therapy Immunotherapy No, 243081 No No Radiation Therapy Null Chemotherapy No, 243106 No No Radiation Therapy Null Surgery No, 243133 No No No Chemotherapy Null Chemotherapy No, 243131 No No Yes Radiation Therapy Surgery Immunotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243072 No Yes Radiation Therapy Immunotherapy Radiation Therapy No, 243081 No No Radiation Therapy Null Chemotherapy No, 243106 No No Radiation Therapy Null Surgery No, 243133 No No No Chemotherapy Null Chemotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243151 No No Surgery Radiation Therapy Targeted Therapy No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243081 No No Radiation Therapy Null Chemotherapy No, 243106 No No Radiation Therapy Null Surgery No, 243133 No No No Chemotherapy Null Chemotherapy No, 243131 No Yes Radiation Therapy Surgery Immunotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243106 No No Radiation Therapy Null Surgery  No, 243133 No No Chemotherapy Null Chemotherapy  No, 243151 No Yes Radiation Therapy Surgery Immunotherapy  No, 243152 No No Surgery Radiation Therapy Targeted Therapy  No, 243146 No Yes Surgery Null Surgery  No, 243147 No No Immunotherapy Radiation Therapy Surgery  No, 243146 No Yes Chemotherapy Immunotherapy  Targeted Therapy  No, 243147 No No No Immunotherapy Radiation Therapy Targeted Therapy  No, 243146 No Yes Chemotherapy Immunotherapy  Targeted Therapy	
No, 243133 No No Chemotherapy Null Chemotherapy No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243121 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243151 No Yes Radiation Therapy Surgery Immunotherapy No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243212 No No Surgery Radiation Therapy Targeted Therapy No, 243346 No Yes Surgery Null Surgery No, 243407 No No Immunotherapy Radiation Therapy Surgery No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243346 No Yes Surgery Null Surgery  No, 243407 No No Immunotherapy Radiation Therapy Surgery  No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243407       No       No       Immunotherapy       Radiation Therapy       Surgery         No, 243586       No       Yes       Chemotherapy       Immunotherapy       Targeted Therapy	
No, 243586 No Yes Chemotherapy Immunotherapy Targeted Therapy	
No, 243601 Yes Yes Surgery Chemotherapy Targeted Therapy	
No, 243638 No Yes Chemotherapy Surgery Radiation Therapy	
No, 243647 No No Surgery Null Radiation Therapy	
No, 243665 Yes No Targeted Therapy Null Surgery	
No, 243799 No Yes Immunotherapy Radiation Therapy Immunotherapy	
No, 243832 Yes No Radiation Therapy Surgery Null	
No, 243841 Yes No Chemotherapy Surgery Surgery	
No, 244011 No No Surgery Null Surgery	
No, 244154 No No Chemotherapy Chemotherapy Null	
No, 244190 Yes No Chemotherapy Chemotherapy Chemotherapy	
No, 244437 Yes Yes Radiation Therapy Radiation Therapy Null	
No, 244446 No Yes Radiation Therapy Null Null	
No, 244491 No No Immunotherapy Null Surgery	
No, 244613 Yes Yes Chemotherapy Null Targeted Therapy	
No, 245069 No No Targeted Therapy Null Null	
No, 245281 No No Targeted Therapy Immunotherapy Surgery	
No, 245290 No No Surgery Null Immunotherapy	
No, 245342 Yes Yes Chemotherapy Null Radiation Therapy	
No, 245421 No Yes Targeted Therapy Null Targeted Therapy	
No, 245430 No No Targeted Therapy Chemotherapy Chemotherapy	
No, 245731 Yes Yes Surgery Chemotherapy Surgery	
No, 245847 No Yes Radiation Therapy Null Null	
No, 245865 No No Radiation Therapy Null Surgery	
No, 245892 Yes Yes Surgery Null Immunotherapy	
No, 245953 Yes No Radiation Therapy Radiation Th	
No, 245999 Yes No Immunotherapy Null Chemotherapy	
No, 246008 Yes No Chemotherapy Null Surgery	
No, 246035 No No Immunotherapy Radiation Therapy Chemotherapy	
No, 246266 No No Radiation Therapy Chemotherapy Surgery	
No, 246354 Yes Yes Targeted Therapy Chemotherapy Null	
No, 246406 Yes Yes Targeted Therapy Immunotherapy Targeted Therapy	
No, 246895 Yes No Targeted Therapy Chemotherapy Null	
No, 246974 No No Radiation Therapy Radiation Therapy Surgery	
No, 247047 Yes No Radiation Therapy Radiation Therapy Null	
No, 247065 No Yes Radiation Therapy Targeted Therapy Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Freatment proced	
No, 247083	Yes	No	Radiation Therapy	Surgery	Targeted Therapy	
No, 247153	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy	
No, 247409	Yes	Yes	Chemotherapy	Null	Burgery	
No, 247649	Yes	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 247700	Yes	No	Immunotherapy	Radiation Therapy	mmunotherapy	
No, 247737	No	No	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 247773	Yes	No	Radiation Therapy	Targeted Therapy	Surgery	
No, 247940	No	No	Radiation Therapy	Null	mmunotherapy	
No, 248165	Yes	No	Surgery	Surgery	Null	
No, 248192	No	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 248527	No	No	Chemotherapy	Null	Chemotherapy	
No, 248606	No	Yes	Radiation Therapy	Chemotherapy	Null	
No, 248624	No	Yes	Chemotherapy	Immunotherapy	Surgery	
No, 248633	No	No	Targeted Therapy	Immunotherapy	mmunotherapy	
No, 248703	No	No	Surgery	Surgery	mmunotherapy	
No, 248934	No	No	Surgery	Null	Chemotherapy	
No, 249238	Yes	No	Radiation Therapy	Radiation Therapy	mmunotherapy	
No, 249247	Yes	Yes	Surgery	Immunotherapy	mmunotherapy	
No, 249566	No	No	Targeted Therapy	Targeted Therapy	Null	
No, 249609	No	No	Chemotherapy	Null	Radiation Therapy	
No, 250072	No	Yes	Surgery	Null	Surgery	
No, 250601	Yes	Yes	Surgery	Null	Null	
No, 250832	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 250993	Yes	Yes	Surgery	Chemotherapy	Chemotherapy	
No, 251251	No	Yes	Immunotherapy	Surgery	Surgery	
No, 251260	Yes	No	Radiation Therapy	Targeted Therapy	Null	
No, 251312	No	No	Surgery	Null	Surgery	
No, 260354	Yes	No	Surgery	Chemotherapy	Targeted Therapy	
No, 260372	No	No	Targeted Therapy	Chemotherapy	mmunotherapy	
No, 260381	Yes	Yes	Radiation Therapy	Null	mmunotherapy	
No, 260789	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 260901	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
No, 260956	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 260992	Yes	Yes	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 261384	No	No	Surgery	Immunotherapy	Chemotherapy	
No, 261436	Yes	No	Surgery	Null	Targeted Therapy	
No, 261472	No	Yes	Surgery	Chemotherapy	Surgery	
No, 261685	Yes	Yes	Immunotherapy	Surgery	Chemotherapy	
No, 261719	No	No	Radiation Therapy	Radiation Therapy	Vull	
No, 261861	Yes	Yes	Targeted Therapy	Chemotherapy	mmunotherapy	
No, 261931	Yes	Yes	Immunotherapy	Surgery	Burgery	
No, 262022	No	No	Surgery	Radiation Therapy	Surgery	
No, 262086	No	No	Targeted Therapy	Null	Chemotherapy	
No, 262165	Yes	No	Surgery	Null	Chemotherapy	
No, 262235	Yes	No	Chemotherapy	Null	Vull	
No, 262299	Yes	Yes	Surgery	Surgery	Targeted Therapy	
No, 262341	No	No	Immunotherapy	Immunotherapy	Chemotherapy	
No, 262457	Yes	Yes	Surgery	Null	Null	
No, 262509	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 362782	No	No	Immunotherapy	Null	Targeted Therapy	
No, 363013	No	No	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 363077	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 363165	Yes	No	Surgery	Chemotherapy	Immunotherapy	
No, 363387	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 363633	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 363679	Yes	No	Surgery	Null	Chemotherapy	
No, 363712	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 363882	No	No	Chemotherapy	Null	Radiation Therapy	
No, 363907	No	Yes	Radiation Therapy	Null	Null	
No, 363916	Yes	Yes	Radiation Therapy	Targeted Therapy	Null	
No, 363934	Yes	Yes	Surgery	Immunotherapy	Null	
No, 364016	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 364025	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
No, 364122	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 364168	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 364335	No	No	Targeted Therapy	Surgery	Surgery	
No, 364548	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
No, 364575	Yes	No	Immunotherapy	Immunotherapy	Null	
No, 364593	Yes	No	Radiation Therapy	Null	Targeted Therapy	
No, 364627	No	Yes	Targeted Therapy	Immunotherapy	Surgery	
No, 364946	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 364955	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
No, 364973	Yes	Yes	Immunotherapy	Null	Targeted Therapy	
No, 365073	No	No	Surgery	Surgery	Null	
No, 365198	Yes	No	Surgery	Radiation Therapy	Radiation Therapy	
No, 365204	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
No, 365213	No	No	Radiation Therapy	Null	Radiation Therapy	
No, 365240	No	No	Chemotherapy	Surgery	Immunotherapy	
No, 365383	No	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 365505	No	Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 365569	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 365693	No	Yes	Surgery	Chemotherapy	Chemotherapy	
No, 365763	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy	
No, 365833	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 366155	Yes	Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 366191	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 366261	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 366270	Yes	No	Targeted Therapy	Targeted Therapy	Null	
No, 366401	Yes	Yes	Surgery	Chemotherapy	Surgery	
No, 366465	No	No	Surgery	Null	Null	
No, 366553	Yes	Yes	Surgery	Chemotherapy	Null	
No, 366580	No	Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
No, 366605	Yes	Yes	Surgery	Immunotherapy	Immunotherapy	
No, 366623	Yes	No	Immunotherapy	Surgery	Chemotherapy	
No, 366650	No	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 366678	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 366702	Yes	No	Chemotherapy	Null	Null	
No, 366748	No	No	Chemotherapy	Null	Surgery	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 366757	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 366793	No	Yes	Surgery	Null	Null	
No, 367024	No	Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 367097	Yes	No	Chemotherapy	Radiation Therapy	Surgery	
No, 367103	Yes	Yes	Chemotherapy	Null	Null	
No, 367130	No	No	Chemotherapy	Immunotherapy	Immunotherapy	
No, 367194	Yes	No	Surgery	Null	Radiation Therapy	
No, 367316	Yes	No	Immunotherapy	Null	Immunotherapy	
No, 367334	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 367361	Yes	No	Targeted Therapy	Null	Radiation Therapy	
No, 367431	Yes	Yes	Radiation Therapy	Chemotherapy	Immunotherapy	
	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
	No	Yes	Chemotherapy	Immunotherapy	Surgery	
	No	No	Chemotherapy	Null	Immunotherapy	
	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 367981	No	Yes	Chemotherapy	Targeted Therapy	Null	
	No	Yes	Immunotherapy	Null	Targeted Therapy	
No, 368230	No	No	Immunotherapy	Null	Surgery	
Vo, 368364	No	No	Radiation Therapy	Targeted Therapy	Null	
No, 368452	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
	No	No	Chemotherapy	Radiation Therapy	Radiation Therapy	
	No	No	Surgery	Null	Targeted Therapy	
lo, 368780	Yes	Yes	Chemotherapy		Null	
lo, 368832	No	Yes		Targeted Therapy Null		
			Surgery		Radiation Therapy	
No, 368911	No	No	Chemotherapy	Null	Null	
No, 369002	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 369084	No	Yes	Surgery	Null	Immunotherapy	
No, 369400	Yes	Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
No, 369419	No	No	Surgery	Immunotherapy	Chemotherapy	
	No	Yes	Chemotherapy	Null	Targeted Therapy	
	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
lo, 369659	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy	
lo, 369783	No	No	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 369862	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 371052	No	No	Radiation Therapy	Immunotherapy	Null	
No, 371265	Yes	Yes	Radiation Therapy	Null	Null	
No, 371690	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 371779	Yes	No	Immunotherapy	Null	Radiation Therapy	
No, 371964	No	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 372037	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 372213	Yes	No	Radiation Therapy	Immunotherapy	Immunotherapy	
No, 372240	Yes	Yes	Chemotherapy	Null	Immunotherapy	
No, 372356	Yes	No	Radiation Therapy	Null	Surgery	
lo, 372462	Yes	No	Targeted Therapy	Null	Null	
	No	Yes	Surgery	Immunotherapy	Immunotherapy	
		No	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 373058	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
	No	Yes		Null	Null	
		No		Null	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 373340	Yes	No	Targeted Therapy	Immunotherapy	Immunotherapy
No, 373447	Yes	No	Targeted Therapy	Surgery	Surgery
No, 373605	No	Yes	Chemotherapy	Null	Surgery
No, 373678	No	Yes	Chemotherapy	Targeted Therapy	Immunotherapy
No, 373696	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
No, 373711	No	No	Surgery	Surgery	Null
No, 373784	No	No	Chemotherapy	Chemotherapy	Immunotherapy
No, 373890	No	Yes	Surgery	Null	Chemotherapy
No, 374316	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
No, 374574		Yes	Surgery	Surgery	Targeted Therapy
No, 374875	No	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 374972		Yes	Chemotherapy	Null	Immunotherapy
No, 374990	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy
No, 375300	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy
No, 375416	Yes	No	Targeted Therapy	Null	Null
No, 375647	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy
No, 375656	No	Yes	Radiation Therapy	Surgery	
					Surgery
No, 375683	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy
No, 375717		Yes	Targeted Therapy	Null	Immunotherapy
No, 375726	Yes	No	Targeted Therapy	Null	Null
No, 375753	Yes	No	Chemotherapy	Immunotherapy	Null
No, 375762		Yes	Targeted Therapy	Null	Null
No, 375966	No	Yes	Immunotherapy	Chemotherapy	Immunotherapy
No, 376039	No	Yes	Surgery	Surgery	Targeted Therapy
No, 376136	No	Yes	Chemotherapy	Targeted Therapy	Surgery
No, 376224	Yes	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy
No, 376321	Yes	No	Immunotherapy	Radiation Therapy	Null
No, 376330	No	Yes	Surgery	Chemotherapy	Chemotherapy
No, 376385	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 376631	No	No	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 377193	No	No	Immunotherapy	Targeted Therapy	Chemotherapy
No, 377315	Yes	Yes	Immunotherapy	Targeted Therapy	Null
No, 377342	Yes	No	Radiation Therapy	Chemotherapy	Null
No, 377555	Yes	No	Surgery	Null	Targeted Therapy
No, 377643	Yes	No	Immunotherapy	Immunotherapy	Surgery
No, 377652	No	No	Surgery	Chemotherapy	Surgery
No, 377661		No	Immunotherapy	Radiation Therapy	Radiation Therapy
No, 377670	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy
No, 377722	Yes	Yes	Surgery	Null	Targeted Therapy
No, 377759	No	No	Targeted Therapy	Surgery	Surgery
No, 378886	Yes	Yes	Radiation Therapy	Null	Chemotherapy
No, 378956	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
No, 379029	Yes	Yes	Surgery	Targeted Therapy	Targeted Therapy
No, 379463	No	Yes	Targeted Therapy	Radiation Therapy	Null
No, 379621	Yes	No	Radiation Therapy	Radiation Therapy	Targeted Therapy
No, 380067	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy
No, 380094	Yes	Yes	Targeted Therapy	Null	Null
No, 380377	No	No	Immunotherapy	Immunotherapy	Null
No, 381255	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 381361	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 381459	Yes	Yes	Surgery	Chemotherapy	Null	
No, 381486	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 381644	No	No	Surgery	Chemotherapy	Targeted Therapy	
No, 381705	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 381750	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 381787	Yes	Yes	Targeted Therapy	Chemotherapy	Null	
No, 381796	No	No	Radiation Therapy	Chemotherapy	Surgery	
No, 381945	No	No	Radiation Therapy	Null	Immunotherapy	
No, 382054	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy	
No, 382063	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy	
No, 382258	Yes	Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
No, 382267	Yes	Yes	Radiation Therapy	Null	Null	
No, 382780	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy	
No, 382896	No	Yes	Surgery	Surgery	Null	
No, 382911	No	Yes	Immunotherapy	Surgery	Immunotherapy	
No, 383084	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
No, 383190	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 383251	Yes	No	Surgery	Immunotherapy	Null	
No, 383279	Yes	No	Targeted Therapy	Null	Chemotherapy	
No, 383297	No	Yes	Surgery	Null	Surgery	
No, 383367	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
No, 383400	Yes	No	Chemotherapy	Surgery	Targeted Therapy	
No, 383507	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 383525	Yes	No	Surgery	Null	Null	
No, 383899	Yes	No	Chemotherapy	Surgery	Chemotherapy	
No, 383996	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 384184	No	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 384209	No	No	Radiation Therapy	Null	Immunotherapy	
No, 384306	No	Yes	Immunotherapy	Null	Radiation Therapy	
No, 384333	No	No	Surgery	Null	Chemotherapy	
No, 384421	No	Yes	Surgery	Null	Surgery	
No, 385132	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
No, 385503	No	No	Targeted Therapy	Null	Radiation Therapy	
No, 385549	No	No	Targeted Therapy	Null	Targeted Therapy	
No, 385619	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 386153	Yes	No	Surgery	Null	Surgery	
No, 386472	No	Yes	Surgery	Immunotherapy	Radiation Therapy	
No, 387660	No	No	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 387925	No	Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
No, 388663	Yes	No	Immunotherapy	Targeted Therapy	Null	
No, 389860	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy	
No, 390701	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 390905	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 391333	Yes	Yes	Immunotherapy	Null	Chemotherapy	
No, 391759	No	No	Radiation Therapy	Radiation Therapy	Chemotherapy	
No, 391810	Yes	No	Radiation Therapy	Chemotherapy	Surgery	
No, 392415	Yes	No	Immunotherapy	Null	Surgery	
No, 393524	No	No	Chemotherapy	Surgery	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 393861	No	Yes	Radiation Therapy	Surgery	Radiation Therapy		
No, 393977	No	No	Immunotherapy	Null	Radiation Therapy		
No, 397270	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy		
No, 398130	Yes	Yes	Surgery	Immunotherapy	Null		
No, 399212	No	No	Chemotherapy	Chemotherapy	Surgery		
No, 399869	Yes	Yes	Surgery	Radiation Therapy	Null		
No, 400080	No	No	Targeted Therapy	Immunotherapy	Immunotherapy		
No, 400187	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy		
No, 400637	No	Yes	Surgery	Immunotherapy	Immunotherapy		
No, 401223	No	No	Surgery	Null	Targeted Therapy		
No, 401339	Yes	Yes	Radiation Therapy	Chemotherapy	Chemotherapy		
No, 402615	Yes	Yes	Radiation Therapy	Null	Immunotherapy		
No, 403487	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy		
No, 404037	Yes	No	Immunotherapy	Surgery	Chemotherapy		
No, 404055	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy		
No, 404073		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
No, 404338		No	Immunotherapy	Null	Null		
No, 404374	No	No	Chemotherapy	Null	Radiation Therapy		
No, 404426	No	No	Radiation Therapy	Chemotherapy	Chemotherapy		
No, 404480	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy		
No, 404514	No	No	Surgery	Immunotherapy	Null		
No, 404648	Yes	Yes	Immunotherapy	Null	Chemotherapy		
No, 404806	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy		
No, 404912	Yes	Yes	Immunotherapy	Immunotherapy	Chemotherapy		
No, 405012	Yes	Yes	Targeted Therapy	Null	Surgery		
No, 405058	No	No	Surgery	Immunotherapy	Immunotherapy		
No, 405076	No	No	Immunotherapy	Null	Immunotherapy		
No, 405748	Yes	No	Targeted Therapy	Null	Chemotherapy		
No, 405872	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy		
No, 406015	No	No	Immunotherapy	Null	Surgery		
No, 406024	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy		
No, 406051	No	No	Targeted Therapy	Chemotherapy	Immunotherapy		
No, 406060	No	Yes	Targeted Therapy	Immunotherapy	Null		
No, 406413	Yes	No	Chemotherapy	Targeted Therapy	Null		
No, 406422		No	Radiation Therapy	Null	Radiation Therapy		
No, 406486	Yes	No	Surgery	Immunotherapy	Radiation Therapy		
No, 407090		Yes	Radiation Therapy	Null	Chemotherapy		
No, 407142	No	Yes	Radiation Therapy	Null	Radiation Therapy		
No, 407285	Yes	Yes	Chemotherapy	Null	Surgery		
No, 407328	Yes	No	Radiation Therapy	Surgery	Radiation Therapy		
No, 407355	No	Yes	Targeted Therapy	Surgery	Surgery		
No, 407407	Yes	No	Surgery	Immunotherapy	Chemotherapy		
No, 407452	Yes	Yes	Radiation Therapy	Targeted Therapy	Null		
No, 407470		No	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 407504	No	No	Surgery	Immunotherapy	Null		
No, 407513		No	Immunotherapy	Null	Targeted Therapy		
No, 407522	No	No	Chemotherapy	Null	Chemotherapy		
No, 407522	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy		
No, 407601		Yes	Targeted Therapy	Surgery	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 407726	No	No	Radiation Therapy	Radiation Therapy	Surgery
No, 407735	No	No	Radiation Therapy	Immunotherapy	Chemotherapy
No, 407832	Yes	No	Targeted Therapy	Chemotherapy	Targeted Therapy
No, 408066	No	No	Chemotherapy	Chemotherapy	Surgery
No, 409032	Yes	Yes	Radiation Therapy	Immunotherapy	Null
No, 409069	Yes	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
	No	No	Surgery	Chemotherapy	Targeted Therapy
	No	No	Surgery	Radiation Therapy	Immunotherapy
	No	Yes	Chemotherapy	Null	Surgery
	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
No, 409698	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
	No	No	Immunotherapy	Radiation Therapy	Chemotherapy
	No	Yes	Radiation Therapy	Null	Targeted Therapy
	No	No	Surgery	Null	Surgery
No, 410788	No	Yes	Surgery	Radiation Therapy	Immunotherapy
No, 410797	No	Yes	Surgery	Null	Immunotherapy
No, 410964	No	No	Immunotherapy	Radiation Therapy	Radiation Therapy
No, 411374	No	No	Targeted Therapy	Chemotherapy	Immunotherapy
	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy
	No	No	Surgery	Chemotherapy	Chemotherapy
	No	Yes	Radiation Therapy	Null	Chemotherapy
No, 412030	Yes	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
No, 413617	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy
No, 413626	Yes	Yes	Surgery	Surgery	Immunotherapy
	No	Yes	Surgery	Chemotherapy	Radiation Therapy
	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy
No, 413802	Yes	No	Targeted Therapy	Targeted Therapy	Immunotherapy
No, 413839	No	Yes	Chemotherapy	Null	Immunotherapy
No, 413848	No	No	Chemotherapy	Surgery	Surgery
No, 413857	No	No	Surgery	Null	Surgery
No, 413884	No	No	Chemotherapy	Chemotherapy	Immunotherapy
	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy
	No	Yes	Chemotherapy	Chemotherapy	Immunotherapy
	No	Yes	Surgery	Immunotherapy	Immunotherapy
No, 413372	Yes	No	Radiation Therapy	Chemotherapy	Null
				Null	
	No	No	Surgery		Radiation Therapy
	No	No	Chemotherapy	Immunotherapy	Radiation Therapy
	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy
No, 414823	No	Yes	Targeted Therapy	Null	Radiation Therapy
No, 414841	Yes	No	Radiation Therapy	Surgery	Immunotherapy
No, 414869	Yes	Yes	Targeted Therapy	Null	Targeted Therapy
No, 414878	Yes	No	Chemotherapy	Chemotherapy	Targeted Therapy
No, 414939	No	No	Chemotherapy	Null	Null
	No	No	Surgery	Targeted Therapy	Chemotherapy
No, 415039	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy
No, 415057	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 416801	No	No	Surgery	Immunotherapy	Immunotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 416971	No	Yes	Targeted Therapy	Surgery	Chemotherapy
No, 416980	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 417008	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
No, 417105	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
No, 417123	No	Yes	Chemotherapy	Null	Targeted Therapy
No, 417318	Yes	No	Immunotherapy	Immunotherapy	Surgery
No, 417381	Yes	No	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 417390	No	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
No, 417442	No	No	Immunotherapy	Null	Targeted Therapy
No, 417576	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 417637	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 417646	Yes	No	Chemotherapy	Surgery	Targeted Therapy
No, 417673	Yes	Yes	Chemotherapy	Chemotherapy	Null
No, 417682	No	Yes	Radiation Therapy	Null	Radiation Therapy
No, 417734	No	No	Chemotherapy	Surgery	Immunotherapy
No, 417743	Yes	No	Surgery	Radiation Therapy	Immunotherapy
No, 417804	Yes	Yes	Immunotherapy	Immunotherapy	Surgery
No, 417831	Yes	Yes	Radiation Therapy	Chemotherapy	Immunotherapy
No, 417840	Yes	Yes	Chemotherapy	Null	Chemotherapy
No, 417910	Yes	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
No, 417947	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No, 417983		No	Surgery	Radiation Therapy	Null
No, 417992	No	Yes	Radiation Therapy	Surgery	Immunotherapy
No, 418029	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy
No, 418038	Yes	No	Immunotherapy	Null	Targeted Therapy
No, 418065	Yes	Yes	Chemotherapy	Null	Immunotherapy
No, 418162	No	No	Radiation Therapy	Null	Radiation Therapy
No, 418199	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 418250	Yes	Yes	Surgery	Surgery	Immunotherapy
No, 418302	No	Yes	Immunotherapy	Null	Targeted Therapy
No, 418320	Yes	No	Targeted Therapy	Surgery	Null
No, 418339	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 418348	No	Yes	Immunotherapy	Radiation Therapy	Null
No, 418357	No	No	Radiation Therapy	Null	Null Service S
No, 418454	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery
No, 418506	Yes	Yes	Surgery	Targeted Therapy	Null Service S
No, 418515	Yes	No	Chemotherapy	Immunotherapy	Radiation Therapy
No, 418533	No	No	Chemotherapy	Chemotherapy	Null Service S
No, 418542	Yes	No	Chemotherapy	Surgery	Surgery
No, 418603	Yes	No	Targeted Therapy	Immunotherapy	Chemotherapy Chemotherapy
No, 418612	No	Yes	Surgery	Surgery	Immunotherapy
		No	Targeted Therapy	Immunotherapy	Immunotherapy
No, 418700	No	Yes	Surgery	Null	Null
No, 418773		Yes	Immunotherapy	Chemotherapy	Immunotherapy
No, 418782	Yes	No	Chemotherapy	Null	Targeted Therapy
No, 418782 No, 418870	Yes	No	Immunotherapy	Targeted Therapy	Surgery
No, 418889	Yes	Yes	Surgery	Null	Targeted Therapy
	No				
No. 419095		Yes	Radiation Therapy	Null Padiation Thorany	Chemotherapy Taxasted Therapy
No, 419147	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 419156	No	Yes	Surgery	Targeted Therapy	Null
No, 419217	No	Yes	Chemotherapy	Immunotherapy	Chemotherapy
No, 419235	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 419262	No	No	Radiation Therapy	Chemotherapy	Immunotherapy
No, 419332	Yes	Yes	Immunotherapy	Null	Radiation Therapy
No, 419341	No	No	Targeted Therapy	Surgery	Surgery
No, 419411	No	No	Chemotherapy	Surgery	Chemotherapy
No, 419420	Yes	No	Surgery	Radiation Therapy	Immunotherapy
No, 419457	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy
No, 419484	Yes	Yes	Chemotherapy	Surgery	Surgery
No, 419633	Yes	No	Immunotherapy	Null	Null
No, 419660	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 419703	Yes	No	Immunotherapy	Null	Chemotherapy
				Radiation Therapy	Null
No, 419712		No	Immunotherapy		
No. 419721	No	No	Immunotherapy	Null	Surgery
No, 420024	Yes	No	Targeted Therapy	Null	Surgery
No, 420130	No	Yes	Surgery	Radiation Therapy	Null
No, 420194	No	No	Chemotherapy	Targeted Therapy	Surgery
No, 420316	No	No	Chemotherapy	Null	Surgery
No, 420343	Yes	Yes	Targeted Therapy	Null	Null
No, 420398	No	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 420440	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy
No, 420459	No	No	Chemotherapy	Null	Null
No, 420468	No	No	Surgery	Null	Targeted Therapy
No, 420495	Yes	Yes	Immunotherapy	Null	Null
No, 420723	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 420981	No	Yes	Immunotherapy	Chemotherapy	Surgery
No, 421559	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy
No, 421610	No	Yes	Surgery	Chemotherapy	Radiation Therapy
No, 421665	No	Yes	Chemotherapy	Targeted Therapy	Surgery
No, 421771	Yes	Yes	Targeted Therapy	Null	Null
No, 421841	No	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 421878	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 422695	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 422835	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy
No, 423643	No	No	Surgery	Null	Surgery
No, 423652	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy
No, 425870	Yes	Yes	Chemotherapy	Immunotherapy	Immunotherapy
No, 425986	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy
				Null	
No. 427308	No	Yes	Immunotherapy		Chemotherapy
No, 427335	Yes	Yes	Chemotherapy	Chemotherapy	Null
No, 427663	No	No	Radiation Therapy	Radiation Therapy	Null
No, 427894	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
No, 427973		Yes	Immunotherapy	Null	Surgery
No, 427982	Yes	No	Radiation Therapy	Chemotherapy	Null
No, 428019	No	Yes	Chemotherapy	Null	Immunotherapy
No, 428073	Yes	Yes	Chemotherapy	Surgery	Immunotherapy
No, 428143	Yes	No	Targeted Therapy	Radiation Therapy	Targeted Therapy
No, 428329	No	No	Radiation Therapy	Targeted Therapy	Surgery

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 428338	No	Yes	Immunotherapy	Null	Null	
No, 428392	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
No, 428426	Yes	Yes	Immunotherapy	Surgery	Null	
No, 428444	No	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
No, 429100	Yes	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 430087	Yes	Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 430096	Yes	No	Immunotherapy	Chemotherapy	Surgery	
No, 430157	No	Yes	Immunotherapy	Null	Null	
No, 430166	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy	
No, 430184	No	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 430218	No	Yes	Surgery	Null	Radiation Therapy	
No, 430306	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 430342	Yes	No	Targeted Therapy	Null	Surgery	
No, 430379	Yes	No	Radiation Therapy	Null	Targeted Therapy	
No, 430421	Yes	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 430485	No	No	Immunotherapy	Chemotherapy	Targeted Therapy	
No, 430582		Yes	Radiation Therapy	Null	Radiation Therapy	
No, 430670	Yes	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 430704	No	Yes	Targeted Therapy	Null	Null	
No, 430795	No	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 430847	Yes	Yes	Chemotherapy	Immunotherapy	Immunotherapy	
No, 430908	Yes	No	Immunotherapy	Null	Chemotherapy	
No, 430980	No	Yes	Radiation Therapy	Surgery	Null	
No, 430999	Yes	No	Chemotherapy	Radiation Therapy	Surgery	
No, 431017	No	Yes	Surgery	Chemotherapy	Null	
No, 431099	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 431105	Yes	Yes	Surgery	Immunotherapy	Null	
No, 431123	No	Yes	Radiation Therapy	Chemotherapy	Null	
No, 431169	Yes	No	Surgery	Immunotherapy	Radiation Therapy	
No, 431196	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 431202	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 431266	No	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 431275		No	Radiation Therapy	Chemotherapy	Surgery	
No, 431284	Yes	Yes	Surgery	Null	Immunotherapy	
No, 431594	No	Yes	Radiation Therapy	Surgery	Surgery	
No, 431707	No	No	Immunotherapy	Null	Chemotherapy	
No, 431770	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 431929	Yes	No	Immunotherapy	Radiation Therapy	Surgery	
No, 431965	Yes	No	Radiation Therapy	Targeted Therapy	Null	
No, 431983	No	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 432117	Yes	No	Targeted Therapy	Null	Null	
No, 432199	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy	
No, 432214	Yes	Yes	Radiation Therapy	Null	Null	
No, 432232	Yes	No	Chemotherapy	Null	Surgery	
No, 432241	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 432269	No	Yes	Chemotherapy	Surgery	Surgery	
No, 432302	No	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 432357	Yes	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy	
No, 432533	Yes	Yes	Chemotherapy	Null	Surgery	
110, 732333	103	103	Спетноспетару	INGII		
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No. 433004   No	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No. 433068         Yes         Radiation Therapy         Null         Targeted Therapy           No. 433165         Yes         Yes         Surgery         Targeted Therapy           No. 433174         No         Yes         Chemotherapy         Null         Null           No. 433217         Yes         No         Surgery         Null         Null           No. 433217         Yes         No         Surgery         Null         Null           No. 433680         No         No         Surgery         Surgery         Chemotherapy           No. 434052         Yes         No         Chemotherapy         Targeted Therapy           No. 434052         Yes         No         Chemotherapy         Targeted Therapy           No. 434052         Yes         No         Surgery         Null           No. 434052         Yes         Immunotherapy         Surgery         Chemotherapy           No. 434359         No         Yes         Immunotherapy         Radiation Therapy           No. 434469         Yes         Chemotherapy         Radiation Therapy         Null           No. 434580         No         Yes         Surgery         Radiation Therapy         Null           N	No, 433004	No	No	Radiation Therapy	Immunotherapy	Immunotherapy
No. 433068   Ves	No, 433013	Yes	No	Targeted Therapy	Null	Surgery
No. 433154   No.   Yes	No, 433040	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
No. 433174 No.   Ves	No, 433068	Yes	No	Chemotherapy	Surgery	Null
No. 433257 Yes         No.         Surgery         Null         Null           No. 433660 No         No         Surgery         Surgery         Chemotherapy           No. 433600 No         No         Surgery         Immunotherapy         Targeted Therapy           No. 433527 Ves         No         No         Surgery         Immunotherapy         Targeted Therapy           No. 434051 Ves         No         Chemotherapy         Targeted Therapy         Targeted Therapy           No. 434159 No         Yes         Surgery         Immunotherapy         Targeted Therapy           No. 434380 No         Yes         Surgery         Immunotherapy         Radiation Therapy           No. 434496 Ves         Yes         Chemotherapy         Radiation Therapy         Null           No. 434502 No         Yes         Chemotherapy         Targeted Therapy         Null           No. 434584 No         Yes         Radiation Therapy         Null         Null           No. 434586 No         Yes         Radiation Therapy         Null         Null           No. 434584 Ves         Yes         Radiation Therapy         Null         Null           No. 4345821 Ves         No         No         Surgery         Null         Null	No, 433165	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy
No. 433660 No No Surgery Surgery Chemotherapy No. 434062 Ves No Surgery Immunotherapy No. 434062 Ves No Surgery Immunotherapy No. 434062 Ves No Surgery Null No. 434063 Ves No Surgery Null No. 434063 No Ves Immunotherapy Surgery No. 434063 No Ves Immunotherapy Surgery No. 434064 No Ves Immunotherapy Surgery No. 43408 No Ves Surgery Immunotherapy No. 43408 No Ves Surgery Immunotherapy Radiation Therapy No. 43408 No Ves Surgery Immunotherapy No. 43469 Ves Ves Chemotherapy Radiation Therapy No. 43469 No Ves Surgery Targeted Therapy No. 43469 No Ves Surgery Targeted Therapy No. 43469 No Ves Surgery Targeted Therapy No. 43450 No Ves Chemotherapy Chemotherapy Immunotherapy No. 43450 No Ves Chemotherapy Radiation Therapy No. 43450 No No Radiation Therapy No. 43450 No Ves Immunotherapy Radiation Therapy No. 43450 No No Radiation Therapy No. 43450 No Ves Immunotherapy Radiation Therapy No. 43450 No No Radiation Therapy No. 43450 No No Radiation Therapy No. 43450 No No Surgery Immunotherapy No. 43450 No No Radiation Therapy No. 43450 No No Surgery Immunotherapy No. 43500 No No Surgery Radiation Therapy No. 43500 No No Surgery Radiation Therapy No. 43600 No No Surgery Targeted Therapy No. 43600 No No Surgery Targeted Therapy No. 43600 No No Surgery No. 43600 No No Chemotherapy No. 43600 No No Che	No, 433174	No	Yes	Chemotherapy	Null	Null
No. 433563   Yes		Yes	No		Null	Null
No. 433560         No         No         Surgery         Chemotherapy         Targeted Therapy           No. 434052         Yes         No         Chemotherapy         Targeted Therapy         Targeted Therapy           No. 434061         Yes         No         Surgery         Null         Null           No. 434308         No         Yes         Immunotherapy         Rock           No. 434308         No         Yes         Lemotherapy         Radiation Therapy           No. 434380         Yes         Chemotherapy         Radiation Therapy           No. 434496         Yes         Yes         Immunotherapy         Radiation Therapy           No. 434502         No         Yes         Surgery         Targeted Therapy         Null           No. 434506         No         Yes         Radiation Therapy         Chemotherapy         Immunotherapy           No. 434566         Yes         Yes         Radiation Therapy         Null         Surgery           No. 434621         Yes         No         Readiation Therapy         Null         Surgery           No. 434920         Yes         Chemotherapy         Immunotherapy         Null           No. 434930         No         No         Surgery </td <td></td> <td>Yes</td> <td>Yes</td> <td></td> <td></td> <td>Radiation Therapy</td>		Yes	Yes			Radiation Therapy
No. 434052 Yes No Chemotherapy Targeted Therapy Targeted Therapy No. 434052 Yes No Chemotherapy Targeted Therapy Targeted Therapy Targeted Therapy No. 434052 Yes No Surgery Null Null No. 434159 No Yes Immunotherapy Surgery Chemotherapy Radiation Therapy No. 434380 No Yes Chemotherapy Surgery Radiation Therapy No. 434380 Yes Yes Chemotherapy Radiation Therapy No. 434469 Yes Yes Chemotherapy Radiation Therapy No. 434469 No Yes Surgery Targeted Therapy No. 434469 No Yes Surgery Targeted Therapy No. 434502 No Yes Chemotherapy Chemotherapy Targeted Therapy No. 434502 No Yes Radiation Therapy Chemotherapy Immunotherapy Immunotherapy Immunotherapy No. 434566 Yes Yes Immunotherapy Radiation Therapy Surgery No. 434584 No Yes Radiation Therapy Radiation Therapy Surgery No. 434584 Yes No Radiation Therapy Null Surgery No. 434821 Yes No Radiation Therapy Null Surgery No. 434821 Yes No Radiation Therapy Null Surgery No. 434821 Yes No Radiation Therapy Immunotherapy Radiation Therapy Null No. 434690 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No. 434820 No No Surgery Immunotherapy Radiation Therapy Null No. 434946 No Yes Surgery Immunotherapy Radiation Therapy Null No. 436003 Yes No Surgery Radiation Therapy Null No. 436004 Yes No Surgery Radiation Therapy Null No. 436004 Yes No Surgery Radiation Therapy Null No. 436004 Yes Yes Surgery Targeted Therapy Null No. 436004 Yes No Surgery Radiation Therapy Null No. 436004 Yes No Chemotherapy Radiation Therapy Null No. 436004 Yes No Chemothera		No	No			
No. 434051         Ves         No         Chemotherapy         Targeted Therapy         Targeted Therapy           No. 434105         No         Yes         Immunotherapy         Surgery         Chemotherapy           No. 434308         No         Yes         Surgery         Immunotherapy         Radiation Therapy           No. 434308         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           No. 434408         No         Yes         Surgery         Targeted Therapy         Null           No. 434408         No         Yes         Chemotherapy         Targeted Therapy         Null           No. 434548         No         Yes         Radiation Therapy         Chemotherapy         Immunotherapy           No. 434566         Yes         Immunotherapy         Chemotherapy         Immunotherapy           No. 434751         Yes         No         Radiation Therapy         Null         Surgery           No. 434930         No         No         Surgery         Immunotherapy         Immunotherapy           No. 434930         No         No         Surgery         Immunotherapy         Immunotherapy           No. 434930         No         No         Surgery         Immunot						
No. 434061.         Ves         No.         Surgery         Null         Null           No. 434398         No.         Yes         Surgery         Immunotherapy         Radiation Therapy           No. 434380         Yes         Yes         Chemotherapy         Radiation Therapy           No. 434496         No.         Yes         Surgery         Targeted Therapy           No. 434502         No.         Yes         Chemotherapy         Chemotherapy           No. 434506         No.         Yes         Radiation Therapy           No. 434566         Yes         Radiation Therapy         Immunotherapy           No. 434566         Yes         Radiation Therapy         Radiation Therapy           No. 434567         Yes         Chemotherapy         Radiation Therapy           No. 434581         Yes         No.         Radiation Therapy           No. 434751         Yes         No.         Radiation Therapy           No. 434921         Yes         No.         Surgery         Immunotherapy           No. 434920         Yes         Yes         Immunotherapy         Null           No. 434930         Yes         Yes         Immunotherapy         Null           No. 434930 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
No. 434159						
No. 434308         No.         Yes         Surgery         Immunotherapy         Radiation Therapy           No. 434480         Yes         Yes         Immunotherapy         Radiation Therapy           No. 434496         Yes         Yes         Immunotherapy         Radiation Therapy           No. 434496         No         Yes         Surgery         Targeted Therapy           No. 434548         No         Yes         Chemotherapy         Immunotherapy           No. 434566         Yes         Immunotherapy         Immunotherapy           No. 434566         Yes         Chemotherapy         Immunotherapy           No. 434751         Yes         No         Radiation Therapy         Surgery           No. 434841         Yes         No         Radiation Therapy         Null           No. 434821         Yes         No         Surgery         Immunotherapy         Immunotherapy           No. 434840         Yes         Yes         Immunotherapy         Immunotherapy           No. 434950         Yes         Surgery         Immunotherapy         Null           No. 436003         Yes         Surgery         Radiation Therapy         Null           No. 436003         Yes         Surgery						
No. 434380 Yes Ves Chemotherapy Surgery Radiation Therapy Null No. 434469 No Yes Surgery Targeted Therapy Null Immunotherapy Null Immunotherapy Null Surgery No. 434502 No Yes Chemotherapy Chemotherapy Immunotherapy Immunotherapy Null No. 434584 No Yes Radiation Therapy Chemotherapy Immunotherapy Immunotherapy Null Surgery No. 434584 No Yes Immunotherapy Chemotherapy Immunotherapy Immunotherapy Null Surgery No. 434584 No Yes No Radiation Therapy Null Surgery No. 434584 No Yes No Radiation Therapy Null Surgery Null No. 434621 No Yes No Radiation Therapy Null Surgery Immunotherapy Null No. 434621 No Yes Immunotherapy Immunotherapy Radiation Therapy Null No. 434621 No Yes Immunotherapy Immunotherapy Null No. 434600 No Yes Surgery Immunotherapy Radiation Therapy Null No. 436003 No No Surgery Immunotherapy Null No. 436003 No No Surgery Immunotherapy Null No. 436003 No No Surgery Radiation Therapy Null No. 436003 No No Surgery Radiation Therapy Null No. 436003 No No Surgery Radiation Therapy Null No. 436004 No Yes Surgery Radiation Therapy Null No. 436004 No No Surgery Null Null Null Null Null Null Null Nul						
No. 434469         Yes         Immunotherapy         Radiation Therapy         Surgery         Targeted Therapy         Null           No. 434502         No. Yes         Chemotherapy         Chemotherapy         Targeted Therapy         Targeted Therapy           No. 434548         No. Yes         Radiation Therapy         Chemotherapy         Immunotherapy           No. 434566         Yes         Immunotherapy         Chemotherapy         Immunotherapy           No. 434751         Yes         No         Radiation Therapy         Null         Surgery           No. 434820         No         No         Surgery         Immunotherapy         Null           No. 434820         Yes         No         Surgery         Immunotherapy         Null           No. 434900         Yes         Surgery         Immunotherapy         Null           No. 434900         Yes         Surgery         Immunotherapy         Null           No. 436003         Yes         Surgery         Immunotherapy         Null           No. 436012         No         Yes         Surgery         Null           No. 436021         No         Yes         Surgery         Immunotherapy         Null           No. 436021         No						
No. 43496         No         Yes         Surgery         Targeted Therapy         No. 434502         No         Yes         Chemotherapy         Chemotherapy         Targeted Therapy         No. 434548         No. 434564         No. 434566         Yes         Rodiation Therapy         Chemotherapy         Immunotherapy           No. 434566         Yes         Yes         Chemotherapy         Chemotherapy         Immunotherapy           No. 434561         Yes         No         Radiation Therapy         Surgery           No. 434781         Yes         No         Radiation Therapy         Null           No. 434821         Yes         No         Surgery         Immunotherapy         Null           No. 434930         No         No         Surgery         Immunotherapy         Null           No. 434946         No         Yes         Surgery         Immunotherapy         Null           No. 434955         Yes         Surgery         Radiation Therapy         Null           No. 436012         No         Yes         Surgery         Radiation Therapy         Null           No. 436012         No         Yes         Surgery         Null munotherapy         Null           No. 436021         No         Yes <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
No. 434502						
No. 434548   No						
No. 434566         Yes         Ves         Immunotherapy         Chemotherapy         Immunotherapy           No. 434584         Yes         Yes         Chemotherapy         Radiation Therapy         Surgery           No. 434821         Yes         No         Surgery         Immunotherapy         Null           No. 434830         No         No         Surgery         Immunotherapy         Immunotherapy           No. 434900         Yes         Immunotherapy         Immunotherapy         Null           No. 434955         Yes         Surgery         Immunotherapy         Null           No. 436001         No         Surgery         Targeted Therapy         Null           No. 436002         No         Yes         Surgery         Immunotherapy           No. 436001         No         Yes         Surgery         Immunotherapy           No. 436001         No         Yes         Surgery         Immunotherapy           No. 436001         No         Yes         Surgery         Null           No. 436000         Yes         No         Surgery         Null           No. 436001         Yes         No         Surgery         Null           No. 436002         No						
No. 434584         Yes         Yes         Chemotherapy         Radiation Therapy         Surgery           No. 434751         Yes         No         Radiation Therapy         Null         Surgery           No. 434830         No         No         Surgery         Immunotherapy         Immunotherapy           No. 434900         Yes         Yes         Immunotherapy         Radiation Therapy           No. 434955         Yes         Yes         Surgery         Immunotherapy         Null           No. 436003         Yes         No         Surgery         Radiation Therapy         Null           No. 436001         Yes         Surgery         Radiation Therapy         Chemotherapy           No. 436001         Yes         Surgery         Radiation Therapy         Null           No. 436021         No         Yes         Targeted Therapy         Null           No. 436021         No         Yes         Targeted Therapy         Null           No. 436021         No         Yes         Surgery         Null           No. 436022         No         No         Immunotherapy         Null           No. 436023         Yes         No         Surgery         Null           No						
No. 434751 Yes No Radiation Therapy Null Surgery No. 434821 Yes No Surgery Immunotherapy Null No. 434800 No No Surgery Immunotherapy Immunotherapy No. 434900 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No. 434940 No Yes Surgery Immunotherapy Null No. 434946 No Yes Surgery Immunotherapy Null No. 434955 Yes Yes Surgery Targeted Therapy Null No. 436012 No Yes Surgery Radiation Therapy Immunotherapy No. 436012 No Yes Surgery Radiation Therapy Immunotherapy No. 436012 No Yes Surgery Surgery Immunotherapy No. 436010 Yes Yes Surgery Targeted Therapy Immunotherapy No. 436010 Yes No Surgery Null Null No. 436250 No No Immunotherapy Null Immunotherapy No. 436250 No No Immunotherapy Null Immunotherapy No. 436262 No No Immunotherapy Targeted Therapy Null No. 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No. 436526 Yes Yes Chemotherapy Radiation Therapy Null No. 436526 Yes Yes Chemotherapy Radiation Therapy Null No. 436520 No No Immunotherapy Radiation Therapy Null No. 436520 No No Surgery Radiation Therapy Null No. 436520 No No Chemotherapy Radiation Therapy Null No. 436520 No No Chemotherapy Radiation Therapy Null No. 436520 No No Chemotherapy Null Immunotherapy No. 436641 No Yes Surgery Surgery Radiation Therapy Null Immunotherapy No. 436650 Yes No Chemotherapy Null Immunotherapy No. 436650 Yes No Chemotherapy Null Immunotherapy No. 436775 Yes No Chemotherapy Null Immunotherapy No. 436775 Yes No Chemotherapy Null Immunotherapy No. 436775 Yes No Chemotherapy Null Immunotherapy No. 436770 No No Immunotherapy Null Immunotherapy No. 436770 No No Immunotherapy Null Immunotherapy No. 436775 Yes No Chemotherapy Null Immunotherapy No. 437103 No Yes Chemotherapy Immunotherapy No. 437210 No No Immunotherapy Null Immunotherapy No. 437210 No No Immunotherapy Null Immunotherapy No. 437210 No No Immunotherapy Null I						
No, 434821 Yes No Surgery Immunotherapy Null No, 434930 No No Surgery Immunotherapy Immunotherapy No, 434900 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No, 434946 No Yes Surgery Immunotherapy Null No, 434955 Yes Yes Surgery Targeted Therapy Null No, 436003 Yes No Surgery Radiation Therapy Null No, 436012 No Yes Surgery Surgery Immunotherapy No, 436012 No Yes Surgery Surgery Immunotherapy No, 436012 No Yes Targeted Therapy Chemotherapy No, 436012 No Yes Surgery Targeted Therapy Null No, 436010 Yes No Surgery Targeted Therapy Null No, 436100 Yes No Surgery Null Null No, 436257 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436377 No No Immunotherapy Targeted Therapy Null No, 436537 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Targeted Therapy Null No, 436553 Yes Yes Chemotherapy Radiation Therapy Null No, 436650 Yes No Surgery Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436700 No No Chemotherapy Radiation Therapy Null No, 436700 No No Chemotherapy Null Immunotherapy No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy Null Null No, 437103 No Yes Chemotherapy Surgery Targeted Therapy Null Null No, 437608 No No Surgery Chemotherapy Immunotherapy No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy						
No, 434830 No No Surgery Immunotherapy Immunotherapy No, 434900 Yes Yes Immunotherapy Immunotherapy Radiation Therapy No, 434905 No Yes Surgery Immunotherapy Null No, 434955 Yes Yes Surgery Radiation Therapy Null No, 436012 No Yes Surgery Radiation Therapy Immunotherapy No, 436012 No Yes Surgery Targeted Therapy Immunotherapy No, 436012 No Yes Surgery Immunotherapy Immunotherapy No, 436014 No Yes Targeted Therapy Chemotherapy Immunotherapy No, 436010 Yes No Surgery Null Null No, 436100 Yes No Surgery Null Null No, 436304 Yes No Surgery Null Immunotherapy No, 436307 No No Immunotherapy Null Immunotherapy No, 436307 No No Immunotherapy Radiation Therapy Immunotherapy No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436527 No No Immunotherapy Radiation Therapy Immunotherapy No, 436528 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436529 Yes No Surgery Radiation Therapy Immunotherapy No, 436559 Yes No Surgery Radiation Therapy Immunotherapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 4367075 Yes No Chemotherapy Null Null No, 4367075 Yes No Chemotherapy Null Surgery No, 437075 Yes No Chemotherapy Surgery Targeted Therapy No, 43709 No Yes Chemotherapy Surgery Targeted Therapy No, 43709 No No Immunotherapy Chemotherapy Immunotherapy No, 43709 No No No Immunotherapy Chemotherapy Immunotherapy No, 43709 Yes No Radiation Therapy Null Null No, 43700 Yes Chemotherapy Chemotherapy Chemotherapy						
No, 434900 Yes Yes Immunotherapy Immunotherapy Radiation Therapy Null No, 436948 No Yes Surgery Immunotherapy Null No, 436003 Yes No Surgery Radiation Therapy Null No, 436003 Yes No Surgery Radiation Therapy Null No, 436012 No Yes Surgery Surgery Immunotherapy No, 436012 No Yes Surgery Surgery Immunotherapy No, 436014 No Yes Targeted Therapy Chemotherapy Immunotherapy No, 436094 Yes Yes Surgery Targeted Therapy Null Null No, 436100 Yes No Surgery Null Null Null No, 436225 No No Immunotherapy Null Immunotherapy Null No, 436304 Yes No Surgery Null Null Null No, 436304 Yes No Surgery Null Null Null No, 436377 No No Immunotherapy Targeted Therapy Null No, 436556 Yes Yes Chemotherapy Radiation Therapy Null No, 436559 Yes No Surgery Radiation Therapy Null No, 436550 Yes No Surgery Radiation Therapy Null No, 436500 Yes No Chemotherapy Radiation Therapy Null No, 436641 No Yes Surgery Radiation Therapy Null Immunotherapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436600 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy Null No, 436702 No No Chemotherapy Null Immunotherapy Null No, 436701 No No Chemotherapy Null Null No, 436818 No No Chemotherapy Null Surgery Targeted Therapy Null No, 437103 No Yes Chemotherapy Surgery Targeted Therapy Null No, 437103 No Yes Chemotherapy Surgery Targeted Therapy Null No, 437209 No No Radiation Therapy Null Null No, 437608 No No Chemotherapy Chemotherapy Immunotherapy Null Null No, 437608 No No Chemotherapy Chemoth						
No, 434946 No Yes Surgery Immunotherapy Null No, 434955 Yes Yes Surgery Targeted Therapy Null No, 436003 Yes No Surgery Radiation Therapy Chemotherapy No, 436001 No Yes Surgery Surgery Immunotherapy No, 436021 No Yes Surgery Surgery Immunotherapy No, 436094 Yes Yes Surgery Targeted Therapy Null No, 436000 Yes No Surgery Null Null No, 436205 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436307 No No Immunotherapy Targeted Therapy Null No, 436307 No No Immunotherapy Targeted Therapy Null No, 436525 Yes Yes Chemotherapy Radiation Therapy Null No, 436526 Yes Yes Chemotherapy Radiation Therapy Null No, 436530 Yes Yes Chemotherapy Radiation Therapy Null No, 436530 Yes No Surgery Radiation Therapy Null No, 436530 Yes Yes Chemotherapy Radiation Therapy Null No, 436550 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Null Immunotherapy No, 436677 Yes No Chemotherapy Null Immunotherapy No, 436778 Yes No Chemotherapy Null Immunotherapy No, 436818 No No Chemotherapy Null Surgery No, 43703 No Yes Chemotherapy Surgery Targeted Therapy No, 43709 No Immunotherapy Chemotherapy Immunotherapy No, 43729 Yes No Radiation Therapy Null Immunotherapy No, 43729 Yes No Radiation Therapy Null Immunotherapy No, 437608 No No Radiation Therapy Chemotherapy Che						
No, 434955         Yes         Yes         Surgery         Targeted Therapy         Null           No, 436003         Yes         No         Surgery         Radiation Therapy         Chemotherapy           No, 436012         No         Yes         Surgery         Surgery         Immunotherapy           No, 436091         Yes         Yes         Surgery         Targeted Therapy         Null           No, 436001         Yes         No         Surgery         Null         Null           No, 436001         Yes         No         Surgery         Null         Null           No, 436225         No         No         Immunotherapy         Null           No, 436225         No         No         Immunotherapy         Null           No, 436304         Yes         No         Surgery         Null         Null           No, 436527         No         No         Immunotherapy         Null         Null           No, 436535         Yes         Yes         Chemotherapy         Targeted Therapy         Null           No, 436535         Yes         Yes         Chemotherapy         Null         Immunotherapy           No, 436632         No         No         Chemothe		Yes	Yes	Immunotherapy	Immunotherapy	
No, 436003 Yes No Surgery Radiation Therapy Chemotherapy No, 436012 No Yes Surgery Surgery Immunotherapy No, 436021 No Yes Targeted Therapy Chemotherapy Immunotherapy No, 436094 Yes Yes Surgery Targeted Therapy Null No, 436000 Yes No Surgery Null Null No, 436225 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436307 No No Immunotherapy Targeted Therapy Null No, 436377 No No Immunotherapy Targeted Therapy Null No, 436556 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436557 Yes Yes Chemotherapy Targeted Therapy Null No, 436599 Yes No Surgery Radiation Therapy Null No, 436650 No No Chemotherapy Null Immunotherapy No, 436650 Yes No Surgery Radiation Therapy Null No, 436600 Yes No Chemotherapy Radiation Therapy Null No, 436600 Yes No Chemotherapy Radiation Therapy Null No, 4366702 No No Targeted Therapy Null Immunotherapy No, 4366702 No No Chemotherapy Null Null No, 436705 Yes No Chemotherapy Null Surgery No, 436706 No No Chemotherapy Null Surgery No, 436707 Yes No Chemotherapy Null Surgery No, 436708 No No Radiation Therapy Null Surgery No, 437219 No No Radiation Therapy Null Surgery No, 437219 No No Radiation Therapy Null Null No, 437229 Yes No Radiation Therapy Null Null No, 437529 Yes No Radiation Therapy Null Null No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemothera		No	Yes	Surgery	Immunotherapy	Null
No, 436012 No Yes Surgery Surgery Immunotherapy No, 436021 No Yes Yes Surgery Targeted Therapy Null No, 436040 Yes Yes Surgery Null Null No, 436100 Yes No Surgery Null Immunotherapy No, 43625 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436304 Yes No Surgery Null Immunotherapy No, 436304 Yes No Immunotherapy Targeted Therapy Null No, 436305 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436555 Yes Yes Chemotherapy Targeted Therapy Null No, 436550 Yes No Surgery Radiation Therapy Null No, 436590 Yes No Surgery Radiation Therapy Null No, 436641 No Yes Surgery Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436661 No Yes Surgery Surgery Radiation Therapy Null No, 436661 No Yes Surgery Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436670 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436704 No No Targeted Therapy Null Immunotherapy No, 436705 Yes No Chemotherapy Null Immunotherapy No, 436705 Yes No Chemotherapy Null Surgery No, 436710 No No Targeted Therapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null Nol, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy	No, 434955	Yes	Yes	Surgery	Targeted Therapy	Null
No, 436021 No Yes Targeted Therapy Chemotherapy Immunotherapy No, 436009 Yes Yes Surgery Targeted Therapy Null No, 436100 Yes No Surgery Null Null No, 436225 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Immunotherapy No, 436377 No No Immunotherapy Targeted Therapy Null No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Targeted Therapy Null No, 436553 Yes No Surgery Radiation Therapy Null No, 436559 Yes No Surgery Radiation Therapy Null No, 436631 No No Chemotherapy Null Immunotherapy No, 436631 No Yes Surgery Radiation Therapy Null No, 436630 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Surgery No, 436710 No Yes Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Null Surgery No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437219 Yes No Radiation Therapy Null Null No, 437529 Yes No Radiation Therapy Null Null No, 437508 No No Surgery Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy	No, 436003	Yes	No	Surgery	Radiation Therapy	Chemotherapy
No, 436094 Yes Yes Surgery Targeted Therapy Null No, 436100 Yes No Surgery Null Null No, 436225 No No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436375 Yes No No Immunotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Radiation Therapy Null No, 436599 Yes No Surgery Radiation Therapy Null No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436755 Yes No Chemotherapy Radiation Therapy Null No, 43671 No No Targeted Therapy Null Immunotherapy No, 43671 No No Targeted Therapy Null Immunotherapy No, 437703 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437529 Yes No Radiation Therapy Null Null No, 437508 No No Radiation Therapy Null Null Nol No, 437608 No No Radiation Therapy Null Null Nol Nol No Radiation Therapy Null Null Nol Nol No Radiation Therapy Chemotherapy Immunotherapy Nol Nol Nol Radiation Therapy Null Null Nol Nol Nol Radiation Therapy Chemotherapy Chemotherapy Chemotherapy		No	Yes	Surgery	Surgery	Immunotherapy
No, 436100 Yes No Surgery Null Null No, 436225 No No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436307 No No Immunotherapy Targeted Therapy Null No, 436377 No No Immunotherapy Targeted Therapy Null No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436537 Yes No Surgery Radiation Therapy Null No, 436599 Yes No Surgery Radiation Therapy Null No, 436693 No No Chemotherapy Null Immunotherapy No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Immunotherapy No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437103 No Yes Chemotherapy Surgery Immunotherapy No, 43729 Yes No Radiation Therapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy Null Null Null Null Null Null Null Null	No, 436021	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
No, 436225 No No Immunotherapy Null Immunotherapy No, 436304 Yes No Surgery Null Null No, 436377 No No Immunotherapy Targeted Therapy Null No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Targeted Therapy Null No, 436553 Yes No Surgery Radiation Therapy Null No, 436632 No No Chemotherapy Null Immunotherapy No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Null Immunotherapy No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy	No, 436094	Yes	Yes	Surgery	Targeted Therapy	Null
No, 436304 Yes No Surgery Null Null  No, 436377 No No Immunotherapy Targeted Therapy Null  No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy  No, 436553 Yes Yes Chemotherapy Targeted Therapy Null  No, 436559 Yes No Surgery Radiation Therapy Null  No, 436632 No No Chemotherapy Null Immunotherapy  No, 436641 No Yes Surgery Surgery Radiation Therapy  No, 436650 Yes No Chemotherapy Radiation Therapy Null  No, 436702 No No Targeted Therapy Null Immunotherapy  No, 436775 Yes No Chemotherapy Null Immunotherapy  No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437529 Yes No Radiation Therapy Immunotherapy  No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy  Null Null  Null Surgery  Targeted Therapy  Null Surgery  Targeted Therapy  No, 437529 Yes No Radiation Therapy Null Null  Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy  Chemotherapy Chemotherapy  Chemotherapy Chemotherapy  Ch	No, 436100	Yes	No	Surgery	Null	Null
No, 436377 No No Immuntherapy Targeted Therapy Null  No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy  No, 436553 Yes Yes Chemotherapy Targeted Therapy Null  No, 436599 Yes No Surgery Radiation Therapy Null  No, 436632 No No Chemotherapy Null Immunotherapy  No, 436641 No Yes Surgery Surgery Radiation Therapy  No, 436650 Yes No Chemotherapy Radiation Therapy Null  No, 436670 No No Targeted Therapy Null Immunotherapy  No, 436775 Yes No Chemotherapy Null Immunotherapy  No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy  Null Null  Nol 437608 No No Surgery Chemotherapy Chemotherapy  Null Null  Null  Null  Null  Null  Null  Null  Null  Null  Null  Null  No, 437608 No No Surgery Chemotherapy Chemotherapy  Chemotherapy Chemotherapy  Chemotherapy	No, 436225	No	No	Immunotherapy	Null	Immunotherapy
No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Targeted Therapy Null No, 436599 Yes No Surgery Radiation Therapy Null No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436670 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Immunotherapy No, 436781 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy	No, 436304	Yes	No	Surgery	Null	Null
No, 436526 Yes Yes Chemotherapy Radiation Therapy Immunotherapy No, 436553 Yes Yes Chemotherapy Targeted Therapy Null No, 436599 Yes No Surgery Radiation Therapy Null No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436670 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Immunotherapy No, 436781 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy						
No, 436553 Yes Yes Chemotherapy Targeted Therapy Null  No, 436599 Yes No Surgery Radiation Therapy Null  No, 436632 No No Chemotherapy Null Immunotherapy  No, 436641 No Yes Surgery Surgery Radiation Therapy  No, 436650 Yes No Chemotherapy Radiation Therapy Null  No, 436702 No No Targeted Therapy Null Immunotherapy  No, 436775 Yes No Chemotherapy Null Null  No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437219 No No Immunotherapy Chemotherapy Immunotherapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy  Chemotherapy Chemotherapy Chemotherapy  Chemotherapy Chemotherapy  Chemotherapy Chemotherapy  Chemo						
No, 436599 Yes No Surgery Radiation Therapy Null No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Null No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy						
No, 436632 No No Chemotherapy Null Immunotherapy No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Null No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy Chemotherapy						
No, 436641 No Yes Surgery Surgery Radiation Therapy No, 436650 Yes No Chemotherapy Radiation Therapy Null No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Null No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy						
No, 436550 Yes No Chemotherapy Radiation Therapy Null  No, 436702 No No Targeted Therapy Null Immunotherapy  No, 436775 Yes No Chemotherapy Null Null  No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437219 No No Immunotherapy Chemotherapy Immunotherapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 436702 No No Targeted Therapy Null Immunotherapy No, 436775 Yes No Chemotherapy Null Null No, 436818 No No Chemotherapy Null Surgery No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 436775 Yes No Chemotherapy Null Null  No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437219 No No Immunotherapy Chemotherapy Immunotherapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 436818 No No Chemotherapy Null Surgery  No, 437103 No Yes Chemotherapy Surgery Targeted Therapy  No, 437219 No No Immunotherapy Chemotherapy Immunotherapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 437103 No Yes Chemotherapy Surgery Targeted Therapy No, 437219 No No Immunotherapy Chemotherapy Immunotherapy No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 437219 No No Immunotherapy Chemotherapy Immunotherapy  No, 437529 Yes No Radiation Therapy Null Null  No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 437529 Yes No Radiation Therapy Null Null No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 437608 No No Surgery Chemotherapy Chemotherapy						
No, 437635 No No Immunotherapy Null Null	No, 437608	No	No	Surgery		
	No, 437635	No	No	Immunotherapy	Null	Null

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 437653	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 437857	Yes	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 437884	Yes	No	Surgery	Null	Radiation Therapy	
No, 437927	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy	
No, 437936	No	Yes	Chemotherapy	Targeted Therapy	Chemotherapy	
No, 438036	No	Yes	Immunotherapy	Radiation Therapy	Surgery	
No, 438151	No	Yes	Chemotherapy	Surgery	Targeted Therapy	
No, 438179	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 438197	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
No, 438258	No	No	Chemotherapy	Radiation Therapy	Surgery	
No, 438337	Yes	Yes	Surgery	Null	Null	
No, 438382	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 438498	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 438601	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
No, 438638	Yes	No	Radiation Therapy	Chemotherapy	Chemotherapy	
No, 438674	Yes	No	Targeted Therapy	Surgery	Surgery	
No, 438805	Yes	No	Immunotherapy	Chemotherapy	Null	
No, 439020	No	No	Surgery	Surgery	Null	
No, 439039	No	No	Surgery	Null	Null	
No, 439057	No	Yes	Surgery	Null	Radiation Therapy	
No, 439288	No	No	Radiation Therapy	Chemotherapy	Null	
No, 439312	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 439330	No	Yes	Chemotherapy	Null	Immunotherapy	
No, 439400	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 439446	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 439455	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 439631	No	No	Targeted Therapy	Targeted Therapy	Null	
No, 439668	Yes	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy	
No, 439701	No	No	Chemotherapy	Targeted Therapy	Surgery	
No, 439729	Yes	No	Targeted Therapy	Radiation Therapy	Surgery	
No, 439792	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy	
No, 439817	Yes	Yes	Surgery	Surgery	Immunotherapy	
No, 439826	No	No	Immunotherapy	Surgery	Chemotherapy	
No, 439899	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 439932	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 439996	No	No	Surgery	Targeted Therapy	Targeted Therapy	
No, 440086	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 440101	Yes	No	Targeted Therapy	Null	Immunotherapy	1
No, 440110	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 440129	Yes	Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 440147	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 440174	Yes	Yes	Radiation Therapy	Null	Surgery	
No, 440217	Yes	Yes	Surgery	Null	Immunotherapy	
No, 440262	Yes	No	Radiation Therapy	Targeted Therapy	Chemotherapy	
No, 440271	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy	l .
No, 440341	Yes	Yes	Chemotherapy	Null	Chemotherapy	l .
No, 440378	Yes	Yes	Radiation Therapy	Null	Immunotherapy	l .
No, 440402	No	No	Targeted Therapy	Immunotherapy	Surgery	
No, 440420	Yes	Yes	Surgery	Radiation Therapy	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 440439	No	Yes	Radiation Therapy	Chemotherapy	Null
No, 440448	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 440624	No	Yes	Chemotherapy	Surgery	Targeted Therapy
No, 440642	Yes	No	Targeted Therapy	Immunotherapy	Surgery
No, 440651	Yes	No	Targeted Therapy	Immunotherapy	Chemotherapy
No, 440721	No	No	Surgery	Targeted Therapy	Radiation Therapy
No, 440730	Yes	Yes	Immunotherapy	Surgery	Chemotherapy
No, 440749	Yes	No	Targeted Therapy	Null	Radiation Therapy
No, 440758	Yes	No	Radiation Therapy	Surgery	Null
No, 440767	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
No, 440794	No	No	Surgery	Null	Targeted Therapy
No, 440819	No	Yes	Immunotherapy	Null	Null
No, 440846	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy
No, 440855	Yes	No	Radiation Therapy	Surgery	Surgery
No, 440891	Yes	Yes			
	No	Yes	Surgery Chemotherapy	Surgery	Radiation Therapy Chemotherapy
				Surgery	
No, 440952	No	Yes	Chemotherapy	Null	Targeted Therapy
No, 440989	Yes	Yes	Chemotherapy	Null	Radiation Therapy
No, 441016	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
No, 441025	Yes	No	Chemotherapy	Null	Surgery
	No	Yes	Targeted Therapy	Surgery	Immunotherapy
No, 441070	Yes	No	Chemotherapy	Targeted Therapy	Chemotherapy
No, 441159	Yes	Yes	Surgery	Immunotherapy	Surgery
No, 441168	Yes	Yes	Radiation Therapy	Null	Surgery
No, 441186	No	No	Targeted Therapy	Immunotherapy	Chemotherapy
No, 441195	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy
No, 441210	Yes	Yes	Immunotherapy	Null	Null
No, 441274	Yes	Yes	Surgery	Radiation Therapy	Surgery
No, 441335	Yes	No	Targeted Therapy	Targeted Therapy	Surgery
No, 441380	Yes	No	Surgery	Radiation Therapy	Surgery
No, 441414	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy
No, 441441	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy
No, 441487	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy
No, 441496	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
No, 441502	Yes	Yes	Radiation Therapy	Null	Radiation Therapy
No, 441511	No	No	Chemotherapy	Null	Surgery
No, 441548	No	Yes	Radiation Therapy	Chemotherapy	Surgery
No, 441575	Yes	Yes	Radiation Therapy	Chemotherapy	Immunotherapy
No, 441593	Yes	Yes	Targeted Therapy	Radiation Therapy	Null
No, 441609	Yes	No	Chemotherapy	Surgery	Null
No, 441618	No	No	Targeted Therapy	Immunotherapy	Radiation Therapy
	No	Yes			Immunotherapy
	No	Yes	Radiation Therapy	Targeted Therapy	
			Chemotherapy	Immunotherapy	Targeted Therapy
	No	No	Immunotherapy	Chemotherapy	Radiation Therapy
No, 441760	Yes	No	Radiation Therapy	Targeted Therapy	Surgery
No, 441779	Yes	No	Targeted Therapy	Immunotherapy	Immunotherapy
No, 441788	Yes	No	Chemotherapy	Surgery	Surgery
No, 441830	Yes	Yes	Radiation Therapy	Immunotherapy	Surgery
No, 441894	Yes	No	Targeted Therapy	Targeted Therapy	Immunotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 441928	Yes	No	Chemotherapy	Chemotherapy	Chemotherapy
No, 441955	No	No	Immunotherapy	Null	Surgery
No, 441964	Yes	Yes	Targeted Therapy	Radiation Therapy	Null
No, 441973	No	No	Radiation Therapy	Surgery	Null
No, 441982	Yes	No	Targeted Therapy	Null	Targeted Therapy
No, 442064	No	Yes	Surgery	Surgery	Null
No, 442073	Yes	Yes	Immunotherapy	Immunotherapy	Null
No, 442134	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy
No, 442152	Yes	No	Targeted Therapy	Targeted Therapy	Null
No, 442161	No	No	Immunotherapy	Chemotherapy	Targeted Therapy
No, 442170	No	No	Surgery	Immunotherapy	Targeted Therapy
No, 442204	No	Yes	Chemotherapy	Chemotherapy	Null
No, 442213	No	Yes	Chemotherapy	Chemotherapy	Immunotherapy
No, 442231	Yes	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
No, 442231	Yes	No			
			Targeted Therapy	Surgery Padiation Thorany	Radiation Therapy Null
No, 442338	Yes	Yes	Surgery	Radiation Therapy	
No, 442347	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy
No, 442392	Yes	No	Immunotherapy	Immunotherapy	Null
No, 442435	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 442444	No	Yes	Chemotherapy	Chemotherapy	Null
No, 442523	No	Yes	Targeted Therapy	Null	Targeted Therapy
No, 442620	Yes	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
No, 442648	Yes	Yes	Surgery	Chemotherapy	Surgery
No, 442657	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy
No, 442718	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
No, 442736	No	Yes	Chemotherapy	Surgery	Chemotherapy
No, 442790	Yes	No	Immunotherapy	Null	Chemotherapy
No, 442824	No	No	Targeted Therapy	Null	Surgery
No, 442879	Yes	No	Chemotherapy	Targeted Therapy	Surgery
No, 442888	No	No	Surgery	Chemotherapy	Chemotherapy
No, 442930	Yes	Yes	Radiation Therapy	Null	Immunotherapy
No, 442958	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy
No, 442967	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy
No, 442976	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
No, 442985	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 443021	Yes	Yes	Chemotherapy	Targeted Therapy	Null
No, 443076	No	No	Surgery	Surgery	Targeted Therapy
No, 443128	No	Yes	Targeted Therapy	Null	Chemotherapy
No, 443146	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy
No, 443173	Yes	No	Chemotherapy	Null	Surgery
No, 443225	Yes	Yes	Surgery	Surgery	Targeted Therapy
No, 443234	No	Yes	Surgery	Null	Null
No, 443270	Yes	Yes	Surgery	Null	Radiation Therapy
No, 443289	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
No, 443304	No	No	Chemotherapy	Immunotherapy	Surgery
No, 443331	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy
No, 443377	No	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
No, 443429	No	No	Immunotherapy	Targeted Therapy	Surgery
No, 443438	Yes	No	Radiation Therapy	Immunotherapy	Immunotherapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 443526	No	Yes	Radiation Therapy	Null	Chemotherapy
No, 443544	No	Yes	Radiation Therapy	Surgery	Targeted Therapy
No, 443571	No	Yes	Immunotherapy	Null	Chemotherapy
No, 443605	Yes	Yes	Chemotherapy	Immunotherapy	Null
No, 443623	No	Yes	Immunotherapy	Surgery	Null
No, 443650	No	No	Surgery	Null	Radiation Therapy
No, 443678	Yes	No	Chemotherapy	Radiation Therapy	Chemotherapy
No, 443696		Yes	Surgery	Surgery	Targeted Therapy
No, 443702		Yes	Radiation Therapy	Immunotherapy	Null
No, 443739		No	Chemotherapy	Null	Chemotherapy
No, 443748		Yes	Surgery	Null	Null
No, 443784		Yes	Radiation Therapy	Null	Chemotherapy
No, 443845	No	Yes	Targeted Therapy	Null	Radiation Therapy
No, 443854		No	Immunotherapy	Immunotherapy	Radiation Therapy
No, 443881	No	Yes	Radiation Therapy	Null	Surgery
No, 443951		Yes	Surgery	Null	Radiation Therapy
No, 443997	Yes	No	Surgery	Null	Radiation Therapy
No, 444024	Yes	No	Radiation Therapy	Surgery	Radiation Therapy
No, 444042	No	Yes	Radiation Therapy	Immunotherapy	Immunotherapy
No, 444051	Yes	Yes	Radiation Therapy	Null	Radiation Therapy
No, 444079	No	No	Surgery	Chemotherapy	Chemotherapy
No, 444088	No	Yes	Chemotherapy	Null	Surgery
No, 444103	Yes	Yes	Chemotherapy	Null	Targeted Therapy
No, 444167	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy
No, 444194	No	Yes	Surgery	Surgery	Radiation Therapy
No, 444282	No	Yes	Immunotherapy	Null	Radiation Therapy
No, 444307	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy
No, 444343	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy
No, 444352	No	No	Radiation Therapy	Null	Chemotherapy
No, 444361	Yes	Yes	Chemotherapy	Null	Radiation Therapy
No, 444389	No	Yes	Radiation Therapy	Null	Targeted Therapy
No, 444398	No	No	Chemotherapy	Surgery	Radiation Therapy
No, 444486	No	No	Targeted Therapy	Surgery	Targeted Therapy
No, 444510		No	Chemotherapy	Surgery	Surgery
No, 444547	Yes	Yes		Immunotherapy	Radiation Therapy
			Immunotherapy		
No, 444565	Yes	No	Radiation Therapy	Targeted Therapy	Surgery
No, 444635	No	Yes	Targeted Therapy	Null	Surgery
No, 444653		Yes	Radiation Therapy	Null	Surgery
No, 444671		Yes	Surgery	Immunotherapy	Chemotherapy
No, 444723		No	Surgery	Radiation Therapy	Immunotherapy
No, 444769	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy
No, 444857	No	Yes	Targeted Therapy	Surgery	Immunotherapy
No, 444893	No	Yes	Targeted Therapy	Surgery	Radiation Therapy
No, 444927	No	No	Targeted Therapy	Immunotherapy	Targeted Therapy
No, 444936	No	Yes	Targeted Therapy	Null	Surgery
No, 444954	Yes	Yes	Radiation Therapy	Chemotherapy	Null
No, 444972	No	Yes	Surgery	Null	Surgery
No, 444990	No	Yes	Immunotherapy	Surgery	Surgery
No, 445018		No	Targeted Therapy	Immunotherapy	Surgery
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	nent proced	
No, 445027	Yes	No	Targeted Therapy	Chemotherapy	notherapy	
No, 445072	No	Yes	Radiation Therapy	Immunotherapy		
No, 445081	No	Yes	Immunotherapy	Radiation Therapy	red Therapy	
No, 445090	Yes	No	Targeted Therapy	Null	ion Therapy	
No, 445115	Yes	No	Surgery	Chemotherapy	ion Therapy	
No, 445124	No	Yes	Surgery	Targeted Therapy	therapy	
No, 445188	Yes	Yes	Radiation Therapy	Chemotherapy	red Therapy	
No, 445197	Yes	No	Surgery	Immunotherapy	red Therapy	
No, 445203	No	No	Immunotherapy	Chemotherapy	notherapy	
No, 445230	Yes	No	Surgery	Surgery	therapy	
No, 445258	Yes	No	Surgery	Null	ion Therapy	
No, 445267	No	Yes	Immunotherapy	Targeted Therapy	therapy	
No, 445276	No	No	Radiation Therapy	Null	otherapy	
No, 445319	No	No	Chemotherapy	Chemotherapy		
No, 445328	Yes	Yes	Targeted Therapy	Targeted Therapy	notherapy	
No, 445355	No	No	Chemotherapy	Null		
No, 445364	Yes	No	Radiation Therapy	Targeted Therapy		
No, 445373	Yes	No	Immunotherapy	Targeted Therapy	otherapy	
No, 445416	Yes	Yes	Immunotherapy	Radiation Therapy	notherapy	
No, 445452	Yes	No	Surgery	Immunotherapy	у	
No, 445531	No	No	Chemotherapy	Null	red Therapy	
No, 445540	No	No	Radiation Therapy	Surgery	otherapy	
No, 445559	Yes	Yes	Surgery	Chemotherapy	otherapy	
No, 445577	No	No	Targeted Therapy	Targeted Therapy		
No, 445610	Yes	Yes	Chemotherapy	Immunotherapy	red Therapy	
No, 445647	Yes	Yes	Surgery	Targeted Therapy	notherapy	
No, 445674	Yes	Yes	Radiation Therapy	Targeted Therapy	red Therapy	
No, 445683	No	No	Targeted Therapy	Chemotherapy		
No, 445717	No	Yes	Surgery	Radiation Therapy	otherapy	
No, 445726	Yes	Yes	Targeted Therapy	Radiation Therapy	otherapy	
No, 445735	Yes	Yes	Immunotherapy	Chemotherapy		
No, 445744	Yes	Yes	Chemotherapy	Chemotherapy	ion Therapy	
No, 445841	No	No	Radiation Therapy	Surgery	notherapy	
No, 445850	Yes	Yes	Chemotherapy	Radiation Therapy	red Therapy	
No, 445869	No	No	Immunotherapy	Immunotherapy	ту	
No, 445896	Yes	No	Radiation Therapy	Null		
No, 445939	Yes	No	Immunotherapy	Surgery	ion Therapy	
No, 445957	Yes	No	Radiation Therapy	Radiation Therapy		
No, 446039	Yes	No	Chemotherapy	Null	ed Therapy	
No, 446048	No	Yes	Chemotherapy	Null	ту	
No, 446075	No	No	Targeted Therapy	Null		
No, 446093	No	Yes	Chemotherapy	Surgery	otherapy	
No, 446118	No	No	Surgery	Targeted Therapy	red Therapy	
No, 446145	Yes	Yes	Chemotherapy	Chemotherapy	ту	
No, 446163	Yes	Yes	Immunotherapy	Chemotherapy	ту	
No, 446224	Yes	Yes	Surgery	Null	red Therapy	
No, 446242	No	Yes	Chemotherapy	Surgery	ed Therapy	
No, 446251	Yes	No	Targeted Therapy	Null		
No, 446260	No	Yes	Radiation Therapy	Immunotherapy	red Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 446288	No	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 446303	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 446349	Yes	No	Surgery	Targeted Therapy	Null	
No, 446385	No	No	Chemotherapy	Immunotherapy	Null	
No, 446394	No	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 446419	No	Yes	Immunotherapy	Null	Immunotherapy	
No, 446437	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy	
No, 446446	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 446491	Yes	No	Radiation Therapy	Chemotherapy	Surgery	
No, 446516	No	Yes	Immunotherapy	Null	Null	
No, 446525	Yes	No	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 446534	No	Yes	Surgery	Immunotherapy	Chemotherapy	
No, 446552	Yes	Yes	Surgery	Null	Surgery	
No, 446604	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 446640	No	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 446668	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
No, 446677		Yes	Radiation Therapy	Null	Targeted Therapy	
No, 446701	No	Yes	Radiation Therapy	Surgery	Immunotherapy	
No, 446710	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy	
No, 446765	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
No, 446774		No	Targeted Therapy	Null	Targeted Therapy	
No, 446783	No	Yes	Surgery	Surgery	Radiation Therapy	
No, 446792	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
No, 446880	No	No	Chemotherapy	Radiation Therapy	Surgery	
No, 446899	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy	
No, 446905	Yes	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 446923	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
No, 447014		No	Immunotherapy	Chemotherapy	Immunotherapy	
No, 447023	Yes	No	Radiation Therapy	Null	Radiation Therapy	
No, 447069	Yes	Yes	Chemotherapy	Null	Surgery	
No, 447102	No	No	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 447148	Yes	Yes	Immunotherapy	Null	Null	
No, 447166		Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
No, 447175		Yes	Targeted Therapy	Targeted Therapy	Surgery	
No, 447209	Yes	No	Chemotherapy	Surgery	Surgery	
No, 447218	Yes	No	Surgery	Targeted Therapy	Chemotherapy	
No, 447254		Yes	Chemotherapy	Null	Radiation Therapy	
No, 447263	Yes	No	Chemotherapy	Radiation Therapy	Chemotherapy	
No, 447272	Yes	No	Targeted Therapy	Null	Radiation Therapy	
No, 447290	No	No	Immunotherapy	Null	Targeted Therapy	
No, 447324	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
No, 447351	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery	
No, 447360	Yes	Yes	Chemotherapy	Surgery	Immunotherapy	
No, 447388	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
No, 447403	Yes	No	Chemotherapy	Surgery	Targeted Therapy	
No, 447421		Yes	Targeted Therapy	Radiation Therapy	Null	
No, 447449	No	No	Radiation Therapy	Targeted Therapy	Surgery	
No, 447476	No	No	Immunotherapy	Targeted Therapy	Chemotherapy	
No, 447476	Yes	Yes	Immunotherapy	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 447582	Yes	Yes	Immunotherapy	Null	Null	
No, 447634	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 447652	No	No	Immunotherapy	Chemotherapy	Targeted Therapy	
No, 447689	No	No	Immunotherapy	Targeted Therapy	Immunotherapy	
No, 447704	No	Yes	Chemotherapy	Null	Targeted Therapy	
	Yes	No	Radiation Therapy	Targeted Therapy	Null	
No, 447731	No	Yes	Surgery	Targeted Therapy	Radiation Therapy	
	Yes	Yes	Radiation Therapy	Null	Surgery	
No, 447795	No	No	Radiation Therapy	Radiation Therapy	Radiation Therapy	
No, 447801	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 447810	Yes	Yes	Chemotherapy	Null	Chemotherapy	
	Yes	Yes	Chemotherapy	Radiation Therapy	Null	
No, 447883	Yes	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 447962	Yes	No	Surgery	Null	Surgery	
No, 447980	Yes	No	Immunotherapy	Null	Surgery	
No, 448053	No	Yes	Surgery	Chemotherapy	Chemotherapy	
	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 448123	Yes	No	Surgery	Immunotherapy	Surgery	
No, 448150	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy	
No, 448196	Yes	Yes	Surgery	Surgery	Chemotherapy	
No, 448202	No	Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
	No	Yes	Radiation Therapy	Null	Surgery	
	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
	No	No	Targeted Therapy	Surgery	Radiation Therapy	
No, 448284	No	Yes	Chemotherapy	Chemotherapy	Null	
No, 448309	No	Yes	Targeted Therapy	Null	Chemotherapy	
No, 448345	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 448372	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
No, 448381	Yes	Yes	Immunotherapy	Null	Null	
No, 448415	Yes	No	Immunotherapy	Null	Null	
No, 448442	Yes	No	Targeted Therapy	Null	Null	
No, 448451	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 448460	Yes	Yes	Chemotherapy	Targeted Therapy	Null	
No, 448479	No	No	Radiation Therapy	Chemotherapy	Chemotherapy	
	No	Yes	Surgery	Radiation Therapy	Radiation Therapy	
No, 448530	No	No	Targeted Therapy	Null	Chemotherapy	
No, 448558	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery	
No, 448567	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 448576	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy	
No, 448585	Yes	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
No, 448594	No	Yes	Chemotherapy	Null	Targeted Therapy	
	No	Yes	Targeted Therapy	Null	Immunotherapy	
No, 448628	Yes	No	Immunotherapy	Surgery	Chemotherapy	
No, 448691	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
No, 448716	Yes	No	Radiation Therapy	Null	Targeted Therapy	
	Yes	No	Surgery	Null	Chemotherapy	
No, 448752	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
No, 448798	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
	No	No	Chemotherapy	Null	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 448859	Yes	Yes	Chemotherapy	Null	Targeted Therapy	
No, 448877	No	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
No, 448886	Yes	Yes	Chemotherapy	Null	Null	
No, 448974	Yes	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	
No, 448983	Yes	No	Surgery	Targeted Therapy	Targeted Therapy	
No, 449010	No	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 449074	Yes	No	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 449092	No	Yes	Radiation Therapy	Surgery	Chemotherapy	
No, 449153	Yes	Yes	Radiation Therapy	Null	Surgery	
No, 449199	No	No	Chemotherapy	Surgery	Null	
No, 449205	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 449214	No	No	Surgery	Surgery	Chemotherapy	
No, 449223	No	No	Chemotherapy	Null	Chemotherapy	
No, 449232	No	No	Chemotherapy	Immunotherapy	Immunotherapy	
No, 449241	No	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
No, 449250	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 449269	No	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 449320	Yes	No	Targeted Therapy	Targeted Therapy	Surgery	
No, 449348	No	Yes	Chemotherapy	Immunotherapy	Surgery	
No, 449463	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy	
No, 449472	Yes	Yes	Chemotherapy	Null	Targeted Therapy	
No, 449490	No	No	Chemotherapy	Surgery	Chemotherapy	
No, 449506	No	Yes	Targeted Therapy	Radiation Therapy	Surgery	
No, 449533	No	No	Chemotherapy	Null	Radiation Therapy	
No, 449597	No	No	Targeted Therapy	Chemotherapy	Null	
No, 449658	Yes	Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 449676	Yes	No	Immunotherapy	Immunotherapy	Immunotherapy	
No, 449700	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy	
No, 449728	Yes	Yes	Surgery	Surgery	Radiation Therapy	
No, 449746	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy	
No, 449764	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy	
No, 449773	Yes	Yes	Surgery	Null	Immunotherapy	
No, 449782	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 449791	No	No	Immunotherapy	Surgery	Chemotherapy	
No, 449931	No	Yes	Surgery	Targeted Therapy	Surgery	
No, 449959	No	No	Targeted Therapy	Null	Immunotherapy	
No, 449977	Yes	No	Radiation Therapy	Null	Radiation Therapy	
No, 449986	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
No, 450003	No	No	Chemotherapy	Null	Targeted Therapy	
No, 450012	No	No	Chemotherapy	Immunotherapy	Immunotherapy	
No, 450021	No	No	Surgery	Chemotherapy	Radiation Therapy	
No, 450049	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 450067	No	Yes	Chemotherapy	Targeted Therapy	Null	
No, 450128	No	No	Targeted Therapy	Chemotherapy	Targeted Therapy	
No, 450173	No	No	Chemotherapy	Null	Radiation Therapy	
No, 450182	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	
No, 450191	Yes	No	Surgery	Immunotherapy	Surgery	
No, 450207	No	No	Immunotherapy	Chemotherapy	Surgery	
No, 450261	No	No	Targeted Therapy	Immunotherapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 450298	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
No, 450377	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
No, 450429	No	Yes	Radiation Therapy	Null	Chemotherapy	
No, 450456	Yes	Yes	Immunotherapy	Null	Chemotherapy	
No, 450474	No	No	Radiation Therapy	Chemotherapy	Surgery	
No, 450483	Yes	No	Immunotherapy	Immunotherapy	Null	
No, 450526	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
No, 450544	Yes	No	Radiation Therapy	Immunotherapy	Null	
No, 450571	Yes	No	Radiation Therapy	Null	Radiation Therapy	
No, 450599	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
No, 450614	Yes	No	Immunotherapy	Surgery	Surgery	
No, 450641	Yes	Yes	Radiation Therapy	Immunotherapy	Surgery	
No, 450650	Yes	Yes	Targeted Therapy	Surgery	Radiation Therapy	
No, 450669	Yes	Yes	Chemotherapy	Null	Surgery	
No, 450739	Yes	No	Surgery	Radiation Therapy	Radiation Therapy	
No, 450757	Yes	No	Radiation Therapy	Radiation Therapy	Surgery	
No, 450775	Yes	No	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 450784	Yes	No	Immunotherapy	Targeted Therapy	Chemotherapy	
No, 450793	Yes	Yes	Targeted Therapy	Null	Chemotherapy	
No, 450818	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
No, 450827	Yes	No	Chemotherapy	Null	Surgery	
No, 450836	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
No, 450854	Yes	Yes	Chemotherapy	Null	Chemotherapy	
No, 450863	No	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
No, 450951	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy	
No, 450979	Yes	Yes	Surgery	Immunotherapy	Immunotherapy	
No, 451006	No	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 451015	No	No	Targeted Therapy	Surgery	Targeted Therapy	
No, 451042	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 451060	Yes	Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
No, 451103	No	No	Immunotherapy	Surgery	Targeted Therapy	
No, 451130	No	No	Radiation Therapy	Chemotherapy	Immunotherapy	
No, 451149	Yes	No	Immunotherapy	Surgery	Targeted Therapy	
No, 451194	No	No	Surgery	Null	Surgery	
No, 451219	Yes	No	Immunotherapy	Chemotherapy	Null	
No, 451255	No	No	Immunotherapy	Surgery	Immunotherapy	
No, 451264	Yes	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
No, 451291	No	No	Targeted Therapy	Surgery	Surgery	
No, 451334	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
No, 451343	Yes	No	Targeted Therapy	Targeted Therapy	Targeted Therapy	
No, 451352	Yes	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 451422		Yes	Surgery	Surgery	Chemotherapy	
No, 451440	No	No	Targeted Therapy	Surgery	Chemotherapy	
No, 451459	No	Yes	Immunotherapy	Null	Null	
No, 451468	No	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 451510	No	Yes	Targeted Therapy	Immunotherapy	Null	
No, 451510	Yes	No	Surgery	Chemotherapy	Immunotherapy	
No, 451523	Yes	Yes	Targeted Therapy	Targeted Therapy	Surgery	
No, 451556	Yes	Yes	Immunotherapy	Null	Targeted Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 451592	Yes	Yes	Radiation Therapy	Null	Chemotherapy		
No, 451653	No	No	Chemotherapy	Chemotherapy	Surgery		
No, 451699	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 451714	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy		
No, 451741	Yes	No	Targeted Therapy	Null	Radiation Therapy		
No, 451769	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy		
No, 451820	No	No	Targeted Therapy	Chemotherapy	Radiation Therapy		
No, 451848	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy		
No, 451866	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy		
No, 451875	No	Yes	Surgery	Targeted Therapy	Surgery		
No, 451893	No	No	Targeted Therapy	Null	Targeted Therapy		
No, 451972	No	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy		
No, 451981	No	No	Surgery	Targeted Therapy	Null		
No, 451990	No	No	Targeted Therapy	Null	Immunotherapy		
No, 452027	Yes	Yes	Surgery	Null	Chemotherapy		
No, 452072	Yes	No	Targeted Therapy	Radiation Therapy	Surgery		
No, 452106	Yes	No	Immunotherapy	Targeted Therapy	Null		
No, 452115	Yes	No	Radiation Therapy	Surgery	Surgery		
No, 452124	Yes	Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
No, 452540	Yes	Yes	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 452780	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 452841	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy		
No, 452948	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy		
No, 453075	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery		
No, 453455	Yes	No	Targeted Therapy	Null	Surgery		
No, 453473		Yes	Chemotherapy	Targeted Therapy	Null		
No, 453552	No	No	Surgery	Immunotherapy	Radiation Therapy		
		No	Immunotherapy	Radiation Therapy	Surgery		
No, 453792	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy		
No, 453817	No	Yes	Chemotherapy	Immunotherapy	Surgery		
No, 453923	Yes	Yes	Surgery	Null	Surgery		
No, 454175	Yes	No	Chemotherapy	Null	Immunotherapy		
No, 454209	Yes	No	Targeted Therapy	Null	Immunotherapy		
No, 454218	No	Yes	Immunotherapy	Null	Surgery		
No, 454333		Yes	Immunotherapy	Radiation Therapy	Null		
No, 454360	No	Yes	Surgery	Null	Immunotherapy		
		Yes	Surgery	Surgery	Immunotherapy		
No, 454388	No	Yes		Null	Targeted Therapy		
No, 454397	Yes	Yes	Targeted Therapy	Chemotherapy	Chemotherapy		
No, 454476	No	Yes	Chemotherapy	Null	Null		
No, 454537	No	No	Radiation Therapy	Immunotherapy	Chemotherapy		
No, 454607	Yes	No	Radiation Therapy	Null	Radiation Therapy		
No, 454616	No	Yes	Chemotherapy	Immunotherapy	Surgery		
No, 454625	Yes	No	Immunotherapy	Null	Targeted Therapy		
No, 454689	Yes	Yes	Radiation Therapy	Targeted Therapy	Null		
No, 454698	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 454704	No	No	Chemotherapy	Null	Radiation Therapy		
No, 454731	No	No	Surgery	Immunotherapy	Chemotherapy		
No, 454759	No	Yes	Immunotherapy	Null	Chemotherapy		
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atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 454768	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
No, 454777	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
No, 454795	No	No	Radiation Therapy	Null	Chemotherapy
No, 454829	Yes	Yes	Chemotherapy	Null	Chemotherapy
No, 454847	No	No	Radiation Therapy	Null	Null
No, 454865	No	Yes	Immunotherapy	Immunotherapy	Immunotherapy
No, 454874	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy
No, 454883	Yes	No	Surgery	Targeted Therapy	Null
No, 454917	No	No	Immunotherapy	Null	Chemotherapy
	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy
	Yes	No	Chemotherapy	Radiation Therapy	Null
	Yes	Yes	Radiation Therapy	Chemotherapy	Null
	No	No	Radiation Therapy	Immunotherapy	Surgery
		No	Radiation Therapy	Null	Null
	Yes	No	Chemotherapy	Surgery	Targeted Therapy
	No	Yes	Targeted Therapy	Null	Targeted Therapy
	Yes	No	Surgery	Null	Radiation Therapy
	No	Yes	Targeted Therapy	Surgery	Null
	No	No			
			Surgery	Chemotherapy	Immunotherapy
	Yes	Yes	Immunotherapy	Immunotherapy	Chemotherapy
	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery
	No	No	Radiation Therapy	Radiation Therapy	Null
	No	No	Targeted Therapy	Null	Null
	No	No	Radiation Therapy	Null	Targeted Therapy
	Yes	Yes	Targeted Therapy	Null	Surgery
	Yes	Yes	Chemotherapy	Surgery	Targeted Therapy
	No	No	Immunotherapy	Chemotherapy	Null
	No	No	Surgery	Surgery	Surgery
	Yes	No	Surgery	Targeted Therapy	Chemotherapy
No, 455600	Yes	Yes	Immunotherapy	Immunotherapy	Null
	Yes	Yes	Immunotherapy	Radiation Therapy	Chemotherapy
No, 455646	No	Yes	Surgery	Surgery	Radiation Therapy
No, 455673	Yes	Yes	Immunotherapy	Null	Radiation Therapy
No, 455682	No	No	Chemotherapy	Surgery	Chemotherapy
No, 455707	Yes	Yes	Targeted Therapy	Surgery	Null
No, 455716	No	Yes	Radiation Therapy	Null	Chemotherapy
	Yes	Yes	Immunotherapy	Surgery	Immunotherapy
	Yes	No	Radiation Therapy	Null	Surgery
	No	Yes	Surgery	Targeted Therapy	Chemotherapy
	No	Yes	Surgery	Targeted Therapy	Chemotherapy
	Yes	No	Targeted Therapy	Immunotherapy	Surgery
	Yes	Yes	Radiation Therapy	Null	Chemotherapy
	Yes	No	Surgery	Chemotherapy	Radiation Therapy
	Yes				
		Yes	Immunotherapy	Targeted Therapy	Targeted Therapy
	Yes	No	Immunotherapy	Surgery	Chemotherapy
	Yes	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy
No, 455983	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy
No, 456029	No	No	Immunotherapy	Chemotherapy	Radiation Therapy

Material	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No. 45017   No.   No.   Target Therapy   Segrey   Commonly   No. 45017   No.   No.   Target Therapy   Storage   Contact Therapy   No. 45018   No.   No.   Target Therapy   Storage   Target Therapy   No. 45018   No.   No.   Statistion Therapy   Storage   Target Therapy   No. 45018   No.   No.   Statistion Therapy   Immunities   Surgery   No. 45018   No.   No.   Statistion Therapy   Immunities   Surgery   No. 45018   No.   No.   Control Target Therapy   Segrey   No.   No. 45018   No.   No.   Target Therapy   Segrey   Surgery   Surgery   No. 45018   No.   No.   Target Therapy   Segrey   Surgery   Surgery   Surgery   No. 45018   No.   No.   Surgery	No, 456056	Yes	No	Targeted Therapy	Null	Immunotherapy
No. 05023   No. No	No, 456074	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy
Mac	No, 456092	Yes	No	Radiation Therapy	Surgery	Null
Mac	No, 456117	No	No	Targeted Therapy	Surgery	Chemotherapy
Mac	No, 456135	No	No	Radiation Therapy	Radiation Therapy	Targeted Therapy
No. 45621   Yes   No.   Commonwers   Commo	No, 456153	Yes	Yes	Radiation Therapy	Null	Surgery
No.   1500-22   Value   No.   Very Supery   Immunotherapy   No.   1500-22   Value   No.   No.   Targetal Therapy   No.   No.   No.   Targetal Therapy   No.   N	No, 456180	No	No	Radiation Therapy	Immunotherapy	Surgery
No.   Control	No, 456214	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy
Modestable   Mod	No, 456302	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy
Mode   March	No, 456311	Yes	No	Surgery	Immunotherapy	Null
No., 495827 No.         Ves         Surgery         Targeted Therapy           No., 656438 No.         No.         Surgery         Null         Realistent Therapy           No., 65643 No.         No.         No.         Surgery         Null         Realistent Therapy           No., 65641 No.         No.         Yes         Targeted Therapy         Targeted Therapy           No., 65641 No.         Yes         Targeted Therapy         Realistent Therapy           No., 65651 No.         No.         Surgery         Mill           No., 65652 No.         No.         Surgery         Immunotherapy           No., 65653 No.         No.         Surgery         Immunotherapy           No., 65657 No.         No.         Roll         Targeted Therapy           No., 65657 No.         No.         No.         Register Therapy           No., 65657 No.         No.         Register Therapy         Immunotherapy           No., 65657 No.         No.         Register Therapy	No, 456339	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy
May	No, 456348	No	No	Targeted Therapy	Radiation Therapy	Surgery
Mo. 65961	No, 456357	No	Yes	Surgery	Targeted Therapy	Chemotherapy
Mo. 45642 No. No. No. Radiaton Treapy   Surgery   No. No. 45640 No. Vest   Trageted Therapy   Immunotherapy   Radiaton Treapy   Immunotherapy   Radiaton Treapy   Immunotherapy   Radiaton Treapy   No. 456515 No. No. Surgery   Radiaton Treapy   No. 456517 No. No. No. 456516 No. No. Surgery   Radiaton Treapy   Immunotherapy   No. 456517 No. No. Honor Treapy   Immunotherapy	No, 456418	No	Yes	Surgery	Immunotherapy	Targeted Therapy
No. 45840   No.   Yes	No, 456436	No	No	Surgery	Null	Radiation Therapy
No. 456951   No. No. Surgery   mmuncherapy	No, 456445	No	No	Radiation Therapy	Surgery	Null
No. 456555   No	No, 456481	No	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
No. 456551   Yes   No	No, 456490	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
No. 455582   Yes   No	No, 456515	No	No	Surgery	Immunotherapy	Null
No. 456597   Ves   No   Chemotherapy   Targeted Therapy   Targeted T	No, 456551	Yes	No	Surgery	Radiation Therapy	Targeted Therapy
No. 456667 No	No, 456588	Yes	No	Radiation Therapy	Immunotherapy	Immunotherapy
No. 456755   No	No, 456597	Yes	No	Chemotherapy	Null	Chemotherapy
No. 456755   No	No, 456621	Yes	No	Immunotherapy	Targeted Therapy	Immunotherapy
No. 456764         No         Immunotherapy         Null         Immunotherapy           No. 456732         Yes         Yes         Immunotherapy         Limmunotherapy         Null           No. 456732         Yes         Yes         Immunotherapy         Null           No. 456791         No         No         Targeted Therapy         Radiation Therapy           No. 456825         No         No         Radiation Therapy         Radiation Therapy           No. 456826         No         No         Radiation Therapy         Radiation Therapy           No. 456827         No         No         Radiation Therapy         Radiation Therapy           No. 456826         No         No         Radiation Therapy         Radiation Therapy           No. 456827         Yes         Immunotherapy         Immunotherapy           No. 456826         No         No         Radiation Therapy         Surgery           No. 456927         Yes         No         Radiation Therapy         Immunotherapy           No. 457027         Yes         No         Radiation Therapy         Null           No. 457027         Yes         No         Radiation Therapy         Immunotherapy           No. 457128         No	No, 456667	No	Yes	Immunotherapy	Targeted Therapy	Immunotherapy
No. 456773         Yes         Immunotherapy         Chemotherapy         Targeted Therapy           No. 456782         Yes         Immunotherapy         Immunotherapy         Immunotherapy           No. 456791         No         No         Targeted Therapy         Radiation Therapy           No. 456816         No         Yes         Targeted Therapy         Radiation Therapy           No. 456825         No         No         Radiation Therapy         Radiation Therapy           No. 456836         No         No         Chemotherapy         Targeted Therapy           No. 456836         No         No         Chemotherapy         Radiation Therapy           No. 456836         No         Yes         Immunotherapy         Radiation Therapy           No. 456940         No         Radiation Therapy         Unil         Surgery           No. 456977         Yes         No         Radiation Therapy         Targeted Therapy           No. 457072         Yes         No         Radiation Therapy         Null           No. 457077         Yes         No         Radiation Therapy         Null           No. 457124         No         Radiation Therapy         Null           No. 457127         No         Radi	No, 456755	No	Yes	Radiation Therapy	Targeted Therapy	Surgery
No. 456782   Ves	No, 456764	No	No	Immunotherapy	Null	Immunotherapy
No. 456791         No         No         Targeted Therapy         Radiation Therapy         Radiation Therapy           No. 456826         No         Ves         Targeted Therapy         Radiation Therapy         No. 456826         No         No         Radiation Therapy         Immunotherapy         Immunotherapy         Immunotherapy         No. 456834         No         No         Chemotherapy         Targeted Therapy         Radiation Therapy         No. 456861         No         No         Radiation Therapy         No. 456861         No         No         Radiation Therapy         No. 456861         No         No         Radiation Therapy         No. 456940         No         Yes         Surgery         Null         Surgery         No. 457077         No         Radiation Therapy         No. 457077         No         Radiation Therapy         Null         No. 457077         No         Radiation Therapy         Null         No. 457104         No. 457104         No         Radiation Therapy         Null         No. 457104         No. 457	No, 456773	Yes	Yes	Immunotherapy	Chemotherapy	Targeted Therapy
No. 456816         No         Yes         Targeted Therapy         Chemotherapy         Radiation Therapy           No. 456825         No         No         Chemotherapy         Immunotherapy         Radiation Therapy           No. 456834         No         Ves         Immunotherapy         Null         Surgery           No. 456861         No         No         Radiation Therapy         Surgery         Immunotherapy           No. 456977         Ves         No         Radiation Therapy         Targeted Therapy           No. 457004         No         No         Radiation Therapy         Targeted Therapy           No. 457007         Ves         No         Radiation Therapy         Immunotherapy           No. 457007         Ves         No         Radiation Therapy         Null           No. 457101         Ves         No         Radiation Therapy         Immunotherapy           No. 457121         No         Yes         Radiation Therapy         Immunotherapy           No. 457128         No         Radiation Therapy         Null           No. 457129         Yes         Radiation Therapy         Null           No. 457127         No         No         Radiation Therapy         Null	No, 456782	Yes	Yes	Immunotherapy	Immunotherapy	Null
No. 456825 No No Radiation Therapy Radiation Therapy Immunotherapy No. 456834 No No Chemotherapy Targeted Therapy Null Surgery No. 456855 No Yes Immunotherapy Null Surgery No. 456861 No No Radiation Therapy Surgery Immunotherapy No. 456960 No Yes Surgery Null Surgery No. 456977 Yes No Radiation Therapy Targeted Therapy Targeted Therapy No. 457002 Yes Yes Targeted Therapy Targeted Therapy Null No. 457007 Yes No Radiation Therapy Immunotherapy Null No. 457007 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457017 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457101 Yes No Radiation Therapy Immunotherapy Targeted Therapy No. 457101 Yes Radiation Therapy Null Radiation Therapy No. 457102 Yes Radiation Therapy Null Radiation Therapy No. 457103 No Yes Radiation Therapy Null Radiation Therapy No. 457104 Yes No Immunotherapy Radiation Therapy No. 457105 Yes Radiation Therapy Null Radiation Therapy No. 457107 Yes Radiation Therapy Null Radiation Therapy No. 457107 Yes Radiation Therapy Surgery Chemotherapy No. 457108 No No Immunotherapy Surgery Targeted Therapy No. 457208 No No Targeted Therapy Surgery Radiation Therapy No. 457217 No No Immunotherapy Radiation Therapy Null No. 457244 Yes Yes Surgery Radiation Therapy Null No. 457245 Yes Radiation Therapy Radiation Therapy Null No. 457247 Yes No Radiation Therapy Radiation Therapy Immunotherapy Imm	No, 456791	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
No. 456834 No No Chemotherapy Targeted Therapy Radiation Therapy Null Surgery No. 456852 No Yes Immunotherapy Null Surgery No. 456940 No Yes Surgery Null Surgery No. 456977 Yes No Radiation Therapy Targeted Therapy Chemotherapy No. 457004 No No Chemotherapy Immunotherapy Targeted Therapy Null No. 457007 Yes Yes Targeted Therapy Targeted Therapy Null No. 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy Immunotherapy No. 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457071 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457101 Yes Radiation Therapy Null Radiation Therapy Null Radiation Therapy No. 457183 No Yes Radiation Therapy Surgery Chemotherapy No. 457192 Yes Yes Immunotherapy Surgery Chemotherapy No. 457192 Yes Yes Immunotherapy Surgery Chemotherapy No. 457217 No No Immunotherapy Surgery Chemotherapy No. 457217 No No Immunotherapy Radiation Therapy No. 457217 No No Immunotherapy Radiation Therapy No. 457217 No No Immunotherapy Radiation Therapy Null No. 457244 Yes Yes Surgery Radiation Therapy Null No. 457243 Yes Radiation Therapy Surgery Radiation Therapy Null No. 457243 Yes Radiation Therapy Surgery Radiation Therapy Null No. 457243 Yes Radiation Therapy Surgery Radiation Therapy Null No. 457243 Yes Radiation Therapy Surgery Surgery Surgery Null No. 457253 Yes Radiation Therapy Surgery Immunotherapy Immunotherapy Surgery No. 457250 No Yes Immunotherapy Radiation Therapy Immunotherapy Immunotherapy No. 457250 No Yes Immunotherapy Radiation Therapy Immunotherapy Immunotherapy No. 457250 No Yes Immunotherapy Radiation Therapy Immunotherapy Immunot	No, 456816	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
No. 456852 No Yes Immunotherapy Null Surgery No. 456861 No No Radiation Therapy Surgery Immunotherapy No. 456940 No Yes Surgery Null Surgery No. 456940 No Yes Surgery Null Surgery No. 457004 No No Radiation Therapy Targeted Therapy Chemotherapy No. 457004 No No Chemotherapy Immunotherapy Targeted Therapy No. 457002 Yes Yes Targeted Therapy Immunotherapy Null No. 457007 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457104 No Yes Radiation Therapy Immunotherapy Targeted Therapy No. 457104 No Yes Radiation Therapy Immunotherapy Targeted Therapy No. 457105 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457104 No Yes Radiation Therapy Null Radiation Therapy No. 457105 No No Targeted Therapy Surgery Chemotherapy No. 457105 No No Immunotherapy Chemotherapy Radiation Therapy No. 457217 No No No Immunotherapy Chemotherapy Radiation Therapy No. 457244 Yes Yes Surgery Radiation Therapy Null No. 457243 Yes Yes Radiation Therapy Surgery Surgery Immunotherapy Radiation Therapy No. 457252 No Radiation Therapy Radiation Therapy Immunotherapy Immunotherapy Immunotherapy Radiation Therapy Null No. 457241 Yes No Radiation Therapy Immunotherapy Immunoth	No, 456825	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
No. 456941 No No Radiation Therapy Surgery Immunotherapy No. 456940 No Yes Surgery Null Surgery No. 456977 Yes No Radiation Therapy Immunotherapy No. 457024 No No Chemotherapy Immunotherapy No. 457025 Yes Yes Targeted Therapy Targeted Therapy No. 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No. 457174 No Yes Radiation Therapy Immunotherapy Radiation Therapy No. 457183 No Yes Radiation Therapy Null Radiation Therapy No. 457192 Yes Yes Immunotherapy Surgery Chemotherapy No. 457208 No No Targeted Therapy Radiation Therapy No. 457217 No No Immunotherapy Chemotherapy Radiation Therapy No. 457244 Yes Yes Surgery Radiation Therapy Null No. 457245 Yes Yes Radiation Therapy Radiation Therapy No. 457246 Yes Yes Radiation Therapy Radiation Therapy No. 457247 Yes No Radiation Therapy Radiation Therapy Immunotherapy Radiation Therapy No. 457247 Yes Yes Radiation Therapy Radiation Therapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy No. 457247 Yes No Radiation Therapy Radiation Therapy Immunotherapy	No, 456834	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy
No, 456940 No Yes Surgery Null Surgery  No, 456977 Yes No Radiation Therapy Targeted Therapy Chemotherapy No, 457002 No No Chemotherapy Immunotherapy Targeted Therapy No, 457022 Yes Yes Targeted Therapy Null No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457103 No Yes Radiation Therapy Immunotherapy Immunotherapy No, 457104 No Yes Radiation Therapy Null Radiation Therapy No, 457105 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Radiation Therapy Null No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy No Radiation Therapy Immunotherapy No Radiation Therapy Immunotherapy No Radiation Therapy No Radiation Therapy No Radiation Therapy No	No, 456852	No	Yes	Immunotherapy	Null	Surgery
No, 456977 Yes No Radiation Therapy Targeted Therapy Chemotherapy No, 457024 No No Chemotherapy Immunotherapy Targeted Therapy No, 457025 Yes Yes Targeted Therapy Targeted Therapy Null No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457174 No Yes Radiation Therapy Immunotherapy Targeted Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457265 No Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457267 Yes No Radiation Therapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy Immunotherapy	No, 456861	No	No	Radiation Therapy	Surgery	Immunotherapy
No, 457004 No No Chemotherapy Immunotherapy Targeted Therapy Null No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy Null No, 457071 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457174 No Yes Radiation Therapy Immunotherapy Immunotherapy Radiation Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457189 Yes Yes Immunotherapy Surgery Chemotherapy No, 457189 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy Null No, 457217 Yes Radiation Therapy Surgery Surgery Radiation Therapy Null No, 457262 No Yes Radiation Therapy Radiation Therapy Immunotherapy No, 457262 No Radiation Therapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy Immunotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy	No, 456940	No	Yes	Surgery	Null	Surgery
No, 457022 Yes Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457114 No Yes Radiation Therapy Immunotherapy Targeted Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457217 Yes Yes Radiation Therapy Null No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Radiation Therapy Immunotherapy No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457217 Yes No Radiation Therapy Radiation Therapy Immunotherapy No, 457217 Yes No Radiation Therapy Immunotherapy No, 457217 Yes No Radiation Therapy Chemotherapy Immunotherapy	No, 456977	Yes	No	Radiation Therapy	Targeted Therapy	Chemotherapy
No, 457077 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy Radiation Therapy No, 457174 No Yes Radiation Therapy Immunotherapy Targeted Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy Null No, 457217 Yes Yes Radiation Therapy Radiation Therapy Null No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457262 No Yes Radiation Therapy Radiation Therapy Immunotherapy Radiation Therapy Null No, 457262 No Yes Radiation Therapy Radiation Therapy Immunotherapy Radiation Therapy Immunotherapy No, 457217 Yes No Radiation Therapy Chemotherapy Immunotherapy Immu	No, 457004	No	No	Chemotherapy	Immunotherapy	Targeted Therapy
No, 457101 Yes No Radiation Therapy Immunotherapy Radiation Therapy No, 457174 No Yes Radiation Therapy Immunotherapy Targeted Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457192 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Chemotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy Immunotherapy	No, 457022	Yes	Yes	Targeted Therapy	Targeted Therapy	Null
No, 457174 No Yes Radiation Therapy Immunotherapy Targeted Therapy No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy	No, 457077	Yes	No	Radiation Therapy	Immunotherapy	Radiation Therapy
No, 457183 No Yes Radiation Therapy Null Radiation Therapy No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457214 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy	No, 457101	Yes	No	Radiation Therapy	Immunotherapy	Radiation Therapy
No, 457192 Yes Yes Immunotherapy Surgery Chemotherapy No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457214 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy	No, 457174	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
No, 457208 No No Targeted Therapy Surgery Targeted Therapy No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy	No, 457183	No	Yes	Radiation Therapy	Null	Radiation Therapy
No, 457217 No No Immunotherapy Chemotherapy Radiation Therapy No, 457244 Yes Yes Surgery Radiation Therapy Null No, 457253 Yes Yes Radiation Therapy Surgery Surgery No, 457262 No Yes Immunotherapy Radiation Therapy Immunotherapy No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy No, 457271 Yes No Radiation Therapy Immunotherapy	No, 457192	Yes	Yes	Immunotherapy	Surgery	Chemotherapy
No, 457244YesYesSurgeryRadiation TherapyNullNo, 457253YesYesRadiation TherapySurgerySurgeryNo, 457262NoYesImmunotherapyRadiation TherapyImmunotherapyNo, 457271YesNoRadiation TherapyImmunotherapy	No, 457208	No	No	Targeted Therapy	Surgery	Targeted Therapy
No, 457253YesYesRadiation TherapySurgerySurgeryNo, 457262NoYesImmunotherapyRadiation TherapyImmunotherapyNo, 457271YesNoRadiation TherapyChemotherapyImmunotherapy	No, 457217	No	No	Immunotherapy	Chemotherapy	Radiation Therapy
No, 457262NoYesImmunotherapyRadiation TherapyImmunotherapyNo, 457271YesNoRadiation TherapyImmunotherapy	No, 457244	Yes	Yes	Surgery	Radiation Therapy	Null
No, 457271 Yes No Radiation Therapy Chemotherapy Immunotherapy	No, 457253	Yes	Yes	Radiation Therapy	Surgery	Surgery
	No, 457262	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
	No, 457271	Yes	No	Radiation Therapy	Chemotherapy	Immunotherapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 457280	No	Yes	Surgery	Chemotherapy	Null	
No, 457341	No	No	Surgery	Chemotherapy	Immunotherapy	
No, 457350	No	Yes	Radiation Therapy	Radiation Therapy	Null	
No, 457396	No	Yes	Targeted Therapy	Surgery	Surgery	
No, 457402	No	Yes	Targeted Therapy	Null	Chemotherapy	
No, 457411	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 457466	Yes	No	Chemotherapy	Immunotherapy	Surgery	
No, 457493	No	Yes	Targeted Therapy	Radiation Therapy	Surgery	
No, 457527	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy	
No, 457536	No	No	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 457572	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
No, 457624	Yes	No	Radiation Therapy	Null	Null	
No, 457679	Yes	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
No, 457697	No	Yes	Chemotherapy	Chemotherapy	Surgery	
No, 457703	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy	
No, 457767	Yes	Yes	Radiation Therapy	Null	Radiation Therapy	
No, 457776	No	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 457785	No	Yes	Chemotherapy	Surgery	Radiation Therapy	
No, 457800	No	Yes	Immunotherapy	Null	Immunotherapy	
No, 457828	Yes	No	Radiation Therapy	Null	Chemotherapy	
No, 457855	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
No, 457864	No	No	Targeted Therapy	Surgery	Immunotherapy	
No, 457907	No	No	Targeted Therapy	Surgery	Null	
No, 457961	Yes	No	Immunotherapy	Null	Targeted Therapy	
No, 457989	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 458034	No	Yes	Targeted Therapy	Null	Radiation Therapy	
No, 458043	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
No, 458052	No	Yes	Targeted Therapy	Surgery	Radiation Therapy	
No, 458061	Yes	No	Immunotherapy	Surgery	Radiation Therapy	
No, 458070	Yes	No	Targeted Therapy	Surgery	Null	
No, 458089	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 458098	Yes	No	Surgery	Immunotherapy	Immunotherapy	
No, 458104	No	Yes	Immunotherapy	Immunotherapy	Chemotherapy	
No, 458159	Yes	No	Targeted Therapy	Null	Immunotherapy	
No, 458177	Yes	No	Surgery	Targeted Therapy	Radiation Therapy	
No, 458229	No	Yes	Chemotherapy	Null	Null	
No, 458256	No	No	Chemotherapy	Radiation Therapy	Null	
No, 458265	Yes	No	Chemotherapy	Surgery	Chemotherapy	
No, 458274	No	Yes	Radiation Therapy	Surgery	Targeted Therapy	
No, 458308	Yes	No	Chemotherapy	Surgery	Immunotherapy	
No, 458317	Yes	No	Immunotherapy	Null	Chemotherapy	
No, 458353	No	Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
No, 458371	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy	
No, 458380	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy	
No, 458405	Yes	No	Surgery	Surgery	Immunotherapy	
No, 458414	Yes	No	Radiation Therapy	Chemotherapy	Surgery	
No, 458441	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy	
No, 458469	Yes	Yes	Targeted Therapy	Null	Surgery	
No, 458593	No	Yes	Surgery	Targeted Therapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 458627	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
No, 458645	Yes	Yes	Targeted Therapy	Targeted Therapy	Null
No, 458654	Yes	No	Surgery	Null	Surgery
No, 458663	No	No	Chemotherapy	Immunotherapy	Surgery
No, 458690	No	No	Surgery	Null	Radiation Therapy
No, 458706	No	Yes	Chemotherapy	Immunotherapy	Radiation Therapy
No, 458715		Yes	Targeted Therapy	Immunotherapy	Chemotherapy
No, 458733		Yes	Radiation Therapy	Immunotherapy	Immunotherapy
No, 458760	No	Yes	Radiation Therapy	Radiation Therapy	Null
No, 458779		No	Chemotherapy	Null	Chemotherapy
No, 458797		Yes	Targeted Therapy	Null	Targeted Therapy
No, 458803				Null	
		Yes	Surgery		Surgery
No, 458821	No	No	Immunotherapy	Chemotherapy	Immunotherapy
No, 458849	Yes	Yes	Immunotherapy	Targeted Therapy	Radiation Therapy
No, 458867	Yes	No	Chemotherapy	Surgery	Null
No, 458885	Yes	No	Targeted Therapy	Chemotherapy	Surgery
No, 458937	No	No	Chemotherapy	Radiation Therapy	Targeted Therapy
No, 458964	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy
No, 458991	No	Yes	Chemotherapy	Null	Immunotherapy
No, 459000	No	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy
No, 459037	No	No	Radiation Therapy	Surgery	Immunotherapy
No, 459046	No	No	Immunotherapy	Radiation Therapy	Surgery
No, 459125	Yes	No	Targeted Therapy	Radiation Therapy	Targeted Therapy
No, 459134	Yes	No	Targeted Therapy	Null	Radiation Therapy
No, 459161	Yes	Yes	Targeted Therapy	Surgery	Immunotherapy
No, 459170		No	Surgery	Surgery	Null
No, 459222		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
No, 459231	No	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
No, 459259	Yes	Yes	Immunotherapy	Radiation Therapy	Null
No, 459277	No	Yes	Radiation Therapy	Null	Chemotherapy
No, 459286	Yes	Yes	Immunotherapy	Null	Chemotherapy
No, 459301	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery
No, 459347	No	No	Targeted Therapy	Null	Null
No, 459365	Yes	No	Radiation Therapy	Surgery	Surgery
No, 459374	Yes	No	Surgery	Immunotherapy	Immunotherapy
No, 459392	No	No	Immunotherapy	Null	Immunotherapy
No, 459408	Yes	Yes	Chemotherapy	Null	Immunotherapy
No, 459426	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy
No, 459435	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
No, 459444	Yes	No	Chemotherapy	Immunotherapy	Radiation Therapy
No, 459462	Yes	No	Surgery	Radiation Therapy	Targeted Therapy
No, 459471	No	Yes	Chemotherapy	Targeted Therapy	Chemotherapy
No, 459480	No	No	Targeted Therapy	Surgery	Null
No, 459499	No	No	Immunotherapy	Null	Null
No, 459514	Yes	No	Chemotherapy	Null	Targeted Therapy
No, 459532	Yes	No	Radiation Therapy	Radiation Therapy	Surgery
No, 459541	No	No	Immunotherapy	Surgery	Immunotherapy
No, 459550	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
No, 459569	Yes	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
No, 459578	No	No	Chemotherapy	Null	Chemotherapy
No, 459587	Yes	Yes	Surgery	Immunotherapy	Chemotherapy
No, 459596	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy
No, 459639	No	No	Targeted Therapy	Immunotherapy	Immunotherapy
No, 459648	Yes	Yes	Immunotherapy	Surgery	Targeted Therapy
No, 459657	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
No, 459666	No	No	Radiation Therapy	Null	Immunotherapy
No, 459675	Yes	No	Targeted Therapy	Null	Radiation Therapy
No, 459709	No	No	Radiation Therapy	Null	Immunotherapy
No, 459727	No	No	Immunotherapy	Null	Immunotherapy
No, 459815	Yes	No	Chemotherapy	Targeted Therapy	Null Section 1 Section 1 Section 2 S
No, 459833	No	Yes	Surgery	Radiation Therapy	Immunotherapy
No, 459842	Yes	No	Surgery	Immunotherapy	Targeted Therapy
No, 459930	No	Yes	Targeted Therapy	Radiation Therapy	Surgery Surgery
No, 459958	Yes	Yes	Immunotherapy	Radiation Therapy	Null
No, 459976	No	Yes	Surgery	Surgery	Targeted Therapy
No, 460002	Yes	Yes	Surgery	Targeted Therapy	Null
No, 460066	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy
No, 460109	No	No	Targeted Therapy	Null	Targeted Therapy
No, 460127	No	Yes	Immunotherapy	Surgery	Surgery
No, 460215	No	Yes	Immunotherapy	Null	Targeted Therapy
No, 460358	Yes	No	Targeted Therapy	Radiation Therapy	Radiation Therapy
No, 460367	No	No		Null	Targeted Therapy
No, 460394	No	No	Surgery	Immunotherapy	Null
No, 460446	No	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
No, 460464	No	No	Immunotherapy	Chemotherapy	Targeted Therapy
No, 460482	No	Yes	Chemotherapy	Surgery	Chemotherapy
No, 460516	Yes	No	Surgery	Immunotherapy	Targeted Therapy
No, 460534	Yes	No	Chemotherapy	Surgery	Surgery
No, 460543	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery
No, 460552	No	Yes	Surgery	Radiation Therapy	Null
No, 460570	Yes	Yes	Immunotherapy	Null	Surgery
No, 460613	No	No	Surgery	Radiation Therapy	Chemotherapy
No, 460640	Yes	Yes	Surgery	Immunotherapy	Null
No, 460659	Yes	No	Chemotherapy	Chemotherapy	Surgery
No, 460686	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy
No, 460738	Yes	No	Surgery	Radiation Therapy	Targeted Therapy
No, 460747	Yes	No	Surgery	Targeted Therapy	Chemotherapy
No, 460774	Yes	No	Surgery	Surgery	Surgery
No, 460808	Yes	Yes	Targeted Therapy	Targeted Therapy	Null Supply Supp
No, 460817	Yes	Yes	Chemotherapy	Null	Null Service S
No, 460871	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy Chemotherapy
No, 460899	Yes	Yes	Immunotherapy		Null
No, 460999	Yes	Yes	Chemotherapy	Targeted Therapy Surgery	Radiation Therapy
No, 460914 No, 460932	Yes	No		Radiation Therapy	Radiation Therapy  Radiation Therapy
No, 460932	Yes	Yes	Surgery Chemotherapy	Null	Targeted Therapy
No, 460950	Yes	Yes	Targeted Therapy	Null	Surgery Surgery
	No				
No. 461032		Yes	Chemotherapy  Radiation Thorapy	Surgery	Radiation Therapy  Padiation Therapy
No, 461041	Yes	No	Radiation Therapy	Surgery	Radiation Therapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 461069	No	No	Immunotherapy	Chemotherapy	Immunotherapy		
No, 461193	Yes	No	Surgery	Surgery	Null		
No, 461245	Yes	No	Surgery	Immunotherapy	Surgery		
No, 461254	No	Yes	Immunotherapy	Surgery	Null		
No, 461272	Yes	No	Chemotherapy	Null	Immunotherapy		
No, 461290	Yes	No	Immunotherapy	Null	Radiation Therapy		
No, 461315	No	No	Targeted Therapy	Surgery	Targeted Therapy		
No, 461324	Yes	No	Surgery	Targeted Therapy	Targeted Therapy		
No, 461351	No	No	Targeted Therapy	Targeted Therapy	Null		
No, 461360	Yes	No	Radiation Therapy	Null	Targeted Therapy		
No, 461379	No	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy		
No, 461388	No	No	Chemotherapy	Null	Radiation Therapy		
No, 461397	Yes	Yes	Targeted Therapy	Surgery	Null		
No, 461421	Yes	No	Chemotherapy	Radiation Therapy	Surgery		
No, 461485	Yes	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy		
No, 461494	No	Yes	Surgery	Null	Targeted Therapy		
No, 461500	Yes	No	Surgery	Surgery	Chemotherapy		
No, 461555	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 461573	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy		
No, 461582	No	No	Surgery	Targeted Therapy	Immunotherapy		
No, 461591	No	No	Immunotherapy	Null	Null		
No, 461607	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy		
No, 461616	Yes	No	Radiation Therapy	Null	Targeted Therapy		
No, 461652	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy		
No, 461670	Yes	Yes	Immunotherapy	Surgery	Targeted Therapy		
No, 461689	No	Yes	Targeted Therapy	Immunotherapy	Surgery		
No, 461704	Yes	Yes	Immunotherapy	Immunotherapy	Immunotherapy		
No, 461713	Yes	Yes	Targeted Therapy	Immunotherapy	Null		
No, 461731	No	Yes	Radiation Therapy	Null	Immunotherapy		
No, 461740	No	Yes	Radiation Therapy	Radiation Therapy	Surgery		
No, 461759	Yes	No	Targeted Therapy	Null	Radiation Therapy		
No, 461801	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy		
No, 461810	No	Yes	Surgery	Chemotherapy	Targeted Therapy		
No, 461829	Yes	No	Surgery	Null	Chemotherapy		
No, 461847		Yes	Targeted Therapy	Surgery	Targeted Therapy		
No, 461874	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy		
No, 461908	No	Yes	Immunotherapy	Radiation Therapy	Immunotherapy		
No, 461917	Yes	No	Surgery	Targeted Therapy	Null		
No, 461926	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy	-	
No, 461935	No	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy		
No, 461944	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery		
No, 461953	No	No	Radiation Therapy	Null	Radiation Therapy		
No, 461962	Yes	No	Targeted Therapy	Null	Immunotherapy		
No, 461971	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy		
No, 462017	Yes	No	Chemotherapy	Null	Immunotherapy		
No, 462017	Yes	No	Targeted Therapy	Null	Radiation Therapy		
No, 462071	Yes	No	Immunotherapy	Surgery	Null		
No, 462071	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy		
No, 462105	No	No	Surgery	Null	Immunotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 462123	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy		
No, 462132	No	Yes	Surgery	Surgery	Null		
No, 462150	No	Yes	Immunotherapy	Immunotherapy	Immunotherapy		
No, 462169	No	No	Radiation Therapy	Null	Null		
No, 462211	No	No	Radiation Therapy	Null	Chemotherapy		
No, 462220	No	No	Radiation Therapy	Immunotherapy	Null		
No, 462239	Yes	Yes	Chemotherapy	Surgery	Immunotherapy		
No, 462257	Yes	Yes	Surgery	Null	Chemotherapy		
No, 462293	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy		
No, 462327	No	No	Radiation Therapy	Immunotherapy	Surgery		
No, 462336	No	No	Immunotherapy	Chemotherapy	Immunotherapy		
No, 462363	No	No	Chemotherapy	Null	Targeted Therapy		
No, 462372	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery		
No, 462390	No	No	Immunotherapy	Radiation Therapy	Chemotherapy		
No, 463621	No	No	Chemotherapy	Chemotherapy	Null		
No, 465812	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy		
No, 466152	Yes	No	Immunotherapy	Null	Null		
No, 466170	Yes	No	Targeted Therapy	Surgery	Null		
No, 466189	No	Yes	Radiation Therapy	Chemotherapy	Targeted Therapy		
No, 466523	Yes	No	Targeted Therapy	Null	Null		
No, 466930	No	No	Immunotherapy	Null	Immunotherapy		
No, 467340	Yes	No	Surgery	Chemotherapy	Targeted Therapy		
No, 467526	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy		
No, 467535	Yes	No	Immunotherapy	Radiation Therapy	Radiation Therapy		
No, 467553	No	No	Chemotherapy	Chemotherapy	Radiation Therapy		
No, 467580	Yes	Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
No, 467623	Yes	No	Radiation Therapy	Radiation Therapy	Surgery		
No, 467641	Yes	No	Immunotherapy	Null	Null		
No, 467669	No	Yes	Targeted Therapy	Null	Targeted Therapy		
No, 467678	No	No	Chemotherapy	Null	Radiation Therapy		
No, 467793	Yes	Yes	Surgery	Targeted Therapy	Null		
No, 467809	No	Yes	Immunotherapy	Surgery	Radiation Therapy		
No, 467863	Yes	Yes	Chemotherapy	Chemotherapy	Chemotherapy		
No, 468015	No	Yes	Targeted Therapy	Targeted Therapy	Null		
No, 468024	Yes	Yes	Radiation Therapy	Null	Null		
No, 468246	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy		
No, 468398	Yes	Yes	Chemotherapy	Null	Null		
No, 468723	Yes	No	Targeted Therapy	Immunotherapy	Radiation Therapy		
No, 468875	Yes	No	Surgery	Chemotherapy	Radiation Therapy		
No, 468893	No	Yes	Radiation Therapy	Null	Surgery		
No, 469188	No	Yes	Radiation Therapy	Null	Surgery		
No, 469391	Yes	No	Targeted Therapy	Surgery	Targeted Therapy		
No, 469586	Yes	Yes	Chemotherapy	Targeted Therapy	Targeted Therapy		
No, 469610	Yes	No	Chemotherapy	Null	Radiation Therapy		
No, 469629	No	Yes	Chemotherapy	Surgery	Null		
No, 469638	Yes	Yes	Surgery	Null	Surgery		
No, 469647	No	Yes	Chemotherapy	Surgery	Null		
No, 469911	Yes	No	Surgery	Null	Targeted Therapy		
No, 469975	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
No, 470047	No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
No, 470162	No	No	Radiation Therapy	Null	Null		
No, 470223	No	Yes	Targeted Therapy	Null	Targeted Therapy		1
No, 470269	No	No	Immunotherapy	Surgery	Surgery		
	No	Yes	Surgery	Targeted Therapy	Surgery		
	No	No	Radiation Therapy	Targeted Therapy	Immunotherapy		
No, 470861	No	No	Surgery	Radiation Therapy	Targeted Therapy		
No, 470889	Yes	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy		
No, 470898	Yes	Yes	Chemotherapy	Targeted Therapy	Immunotherapy		
No, 470904	Yes	Yes	Surgery	Null	Chemotherapy		
	No	No	Immunotherapy	Null	Surgery		
	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy		
	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy		
	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy		
	No	Yes	Radiation Therapy	Null	Targeted Therapy		
No, 474942	No	Yes	Chemotherapy	Chemotherapy	Immunotherapy		
	No	Yes	Radiation Therapy	Chemotherapy	Surgery		
No, 474960 No, 475042	No	Yes	Surgery		Radiation Therapy		
			Radiation Therapy	Surgery			
	No	No		Chemotherapy	Surgery		
No, 475060	No	Yes	Surgery	Immunotherapy	Null		
	Yes	Yes	Targeted Therapy	Chemotherapy	Null		_
	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy		_
	No	No	Radiation Therapy	Surgery	Surgery		
No, 475121	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy		
No, 475194	No	No	Chemotherapy	Radiation Therapy	Chemotherapy		
	No	No	Immunotherapy	Radiation Therapy	Immunotherapy		
	No	No	Targeted Therapy	Surgery	Targeted Therapy		
No, 475282	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy		
No, 475343	No	No	Targeted Therapy	Radiation Therapy	Null		
No, 475352	Yes	Yes	Immunotherapy	Chemotherapy	Immunotherapy		
No, 475389	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
	No	Yes	Immunotherapy	Targeted Therapy	Surgery		
	No	No	Immunotherapy	Chemotherapy	Chemotherapy		
No, 475468	Yes	Yes	Surgery	Null	Surgery		
No, 475486	Yes	Yes	Chemotherapy	Surgery	Null		
No, 475495	Yes	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy		
No, 475501	No	Yes	Immunotherapy	Chemotherapy	Surgery		
No, 475510	Yes	Yes	Targeted Therapy	Null	Immunotherapy		
No, 475538	Yes	No	Chemotherapy	Immunotherapy	Radiation Therapy		
No, 475556	No	No	Targeted Therapy	Null	Targeted Therapy		
No, 475583	Yes	No	Radiation Therapy	Null	Surgery		
	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy		
No, 475626	Yes	Yes	Immunotherapy	Null	Null		
No, 475644	Yes	Yes	Chemotherapy	Null	Surgery		
No, 475662	Yes	No	Immunotherapy	Null	Immunotherapy		
No, 475680	Yes	Yes	Radiation Therapy	Null	Chemotherapy		
No, 475705	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy		
No, 475703	No	Yes	Chemotherapy	Chemotherapy	Radiation Therapy		
	No	No	Surgery	Null	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No, 475866	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
No, 475884	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
No, 476072	Yes	Yes	Surgery	Null	Radiation Therapy	
No, 476106	No	Yes	Immunotherapy	Null	Surgery	
No, 476115	Yes	No	Targeted Therapy	Null	Null	
No, 476133	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
No, 476160	No	Yes	Radiation Therapy	Radiation Therapy	Surgery	
No, 476203	No	Yes	Targeted Therapy	Surgery	Targeted Therapy	
No, 476230	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
No, 476328	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
No, 476346	Yes	Yes	Surgery	Immunotherapy	Immunotherapy	
No, 476355	No	Yes	Surgery	Chemotherapy	Surgery	
No, 476373	Yes	Yes	Targeted Therapy	Null	Null	
No, 476504	No	Yes	Chemotherapy	Chemotherapy	Null	
No, 476522	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
No, 476540	No	Yes	Radiation Therapy	Immunotherapy	Null	
No, 476568	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
No, 476577	Yes	Yes	Surgery	Radiation Therapy	Immunotherapy	
No, 476601	Yes	No	Radiation Therapy	Null	Surgery	
No, 476638	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
No, 476656	No	Yes	Surgery	Null	Radiation Therapy	
No, 476665	No	Yes	Radiation Therapy	Surgery	Surgery	
No, 476674	No	No	Surgery	Immunotherapy	Chemotherapy	
No, 476683	Yes	No	Targeted Therapy	Null	Radiation Therapy	
No, 476692	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
No, 476717	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
No, 476735	Yes	Yes	Targeted Therapy	Null	Surgery	
		Yes	Surgery	Surgery	Null	
No, 476762	No	No	Chemotherapy	Surgery	Immunotherapy	
		Yes	Radiation Therapy		Chemotherapy	
No, 476823	Yes	Yes	Surgery	Targeted Therapy	Null	
Yes, 100663		Yes	Targeted Therapy	Null	Chemotherapy	
Yes, 100706		No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 100724		Yes	Immunotherapy	Surgery	Chemotherapy	
Yes, 100830		No	Radiation Therapy	Immunotherapy	Null	
Yes, 101240		No	Chemotherapy	Null	Null	
Yes, 101286		Yes	Immunotherapy	Null	Null	
Yes, 101295		Yes	Immunotherapy	Surgery	Targeted Therapy	
Yes, 101301		No	Surgery	Immunotherapy	Radiation Therapy	
Yes, 101365		Yes	Surgery	Targeted Therapy	Radiation Therapy	
Yes, 101305		No	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 101453		No	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 101453		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 101402		Yes	Surgery	Targeted Therapy	Surgery	
Yes, 101505		Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
Yes, 101503		No	Surgery	Null	Radiation Therapy	
Yes, 101514 Yes, 101569		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 101569 Yes, 101693		Yes	Radiation Therapy	Null	Targeted Therapy	
Yes, 101709		No	Targeted Therapy		Targeted Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 101879	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy	
Yes, 101897	Yes	No	Targeted Therapy	Chemotherapy	Null	
Yes, 101949	No	Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 101958	Yes	No	Immunotherapy	Chemotherapy	Null	
Yes, 101994	Yes	No	Radiation Therapy	Surgery	Immunotherapy	
Yes, 102076	No	No	Surgery	Targeted Therapy	Chemotherapy	
Yes, 102094	No	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 102234	No	No	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 102270	Yes	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 102313	No	Yes	Chemotherapy	Surgery	Immunotherapy	
Yes, 102368	No	No	Chemotherapy	Surgery	Immunotherapy	
Yes, 102429		Yes	Radiation Therapy	Radiation Therapy	Surgery	
Yes, 102553		Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
Yes, 102632		Yes	Targeted Therapy	Radiation Therapy	Null	
Yes, 103501		Yes	Surgery	Immunotherapy	Chemotherapy	
Yes, 103529		No	Chemotherapy	Radiation Therapy	Null	
Yes, 103723		Yes	Immunotherapy	Null	Chemotherapy	
Yes, 103787		No	Immunotherapy	Null	Chemotherapy	
Yes, 103893		No	Chemotherapy	Null	Immunotherapy	
Yes, 103927		No	Targeted Therapy	Targeted Therapy	Immunotherapy	
Yes, 103963		No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 104090		Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 104160		No	Immunotherapy	Immunotherapy	Null	
Yes, 104179		Yes	Chemotherapy	Targeted Therapy	Surgery	
Yes, 104188		Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
Yes, 104294		No	Immunotherapy	Immunotherapy	Radiation Therapy	
Yes, 104346		Yes	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 104391		No	Radiation Therapy	Surgery	Immunotherapy	
Yes, 104425		No	Radiation Therapy	Targeted Therapy	Chemotherapy	
Yes, 104434		No	Immunotherapy	Null	Surgery	
Yes, 104443		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 104531		No	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 104568		No	Targeted Therapy	Radiation Therapy	Chemotherapy	
Yes, 104577		No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
Yes, 104586		No	Surgery	Chemotherapy	Radiation Therapy	
Yes, 104708		No	Targeted Therapy	Radiation Therapy	Immunotherapy	
Yes, 105118		No	Targeted Therapy	Immunotherapy	Immunotherapy	
Yes, 105116		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
Yes, 105172		No	Immunotherapy	Surgery	Chemotherapy	
Yes, 105206		No	Chemotherapy	Targeted Therapy	Chemotherapy	
Yes, 105297		Yes	Surgery	Null	Radiation Therapy	
Yes, 105367		Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
Yes, 105516		Yes	Chemotherapy	Null	Null	
Yes, 105525		No	Chemotherapy	Immunotherapy	Immunotherapy	
Yes, 105534		Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 105543		No	Chemotherapy	Null	Surgery	
Yes, 105545		No	Targeted Therapy		Immunotherapy	
Yes, 105589 Yes, 105677		No	Chemotherapy	Surgery	Immunotherapy	
Yes, 105077		No	Immunotherapy	Surgery	Targeted Therapy	
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Yes, 106102	No	Yes	Targeted Therapy	Null	Immunotherapy
Yes, 106245	Yes	Yes	Radiation Therapy	Surgery	Null
Yes, 106263	Yes	Yes	Surgery	Radiation Therapy	Surgery
Yes, 106281	Yes	No	Surgery	Surgery	Chemotherapy
Yes, 106306	Yes	No	Targeted Therapy	Null	Chemotherapy
Yes, 106351	No	Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 106412	Yes	No	Surgery	Null	Immunotherapy
Yes, 106467	No	Yes	Chemotherapy	Immunotherapy	Null
Yes, 106546	Yes	No	Immunotherapy	Null	Chemotherapy
Yes, 106704	No	No	Chemotherapy	Immunotherapy	Immunotherapy
Yes, 106713	Yes	No	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 106795	No	Yes	Surgery	Null	Targeted Therapy
Yes, 106829	Yes	No	Targeted Therapy	Null	Surgery
Yes, 106883	No	No	Surgery	Radiation Therapy	Immunotherapy
Yes, 106999	No	No	Surgery	Immunotherapy	Radiation Therapy
Yes, 107080	No	No	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 107099		No	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 107123		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 107211		No	Surgery	Null	Targeted Therapy
Yes, 107220	Yes	No	Chemotherapy	Radiation Therapy	Chemotherapy
Yes, 107293	No	Yes	Immunotherapy	Null	Chemotherapy
Yes, 107318		No	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 107327		No	Surgery	Targeted Therapy	Chemotherapy
Yes, 107549		No	Targeted Therapy	Targeted Therapy	Null
Yes, 107725	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 107831		Yes	Surgery	Null	Radiation Therapy
Yes, 107974		No	Targeted Therapy	Null	Immunotherapy
Yes, 107983		Yes	Surgery	Chemotherapy	Null
Yes, 107992		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 108065	No	Yes	Targeted Therapy	Null	Surgery
Yes, 108092		Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 108232		No	Chemotherapy	Null	Targeted Therapy
Yes, 108250		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 108269		No	Radiation Therapy	Surgery	Null
Yes, 108348		Yes	Radiation Therapy	Surgery	Immunotherapy
	Yes	Yes	Surgery	Null	Null
Yes, 108852		No	Surgery	Null	Immunotherapy
Yes, 108977		No	Surgery	Null	Null
Yes, 109040		No	Immunotherapy	Targeted Therapy	Surgery
Yes, 109086		Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 109332		Yes	Chemotherapy	Surgery	Immunotherapy
Yes, 109785		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy
Yes, 109819		No	Chemotherapy	Null	Immunotherapy
Yes, 109907		No	Radiation Therapy	Surgery	Targeted Therapy
Yes, 109934		No	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 110246		Yes	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 110307		No	Immunotherapy	Null	Null Null
Yes, 110307		Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 110310		Yes	Chemotherapy	Chemotherapy	Targeted Therapy
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Vos. 110398 Ves         No         Surgery         Immunotherapy         Immunotherapy           Ves. 110404 Yes         No         Immunotherapy         Chemotherapy         Immunotherapy         Immunotherapy           Ves. 110468 No         Yes         Chemotherapy         Targeted Therapy         Immunotherapy           Ves. 110495 Yes         Yes         Chemotherapy         Targeted Therapy         Immunotherapy           Ves. 110565 No         Yes         Chemotherapy         Chemotherapy         Surgery           Ves. 110565 No         Yes         Chemotherapy         Chemotherapy         Rediction Therapy           Ves. 110574 No         Yes         Chemotherapy         Immunotherapy         Null           Ves. 110582 Yes         No         Surgery         No         Radiation Therapy         Null           Ves. 110680 No         Yes         Radiation Therapy         Null         Surgery         Radiation Therapy           Ves. 110671 No         Yes         Immunotherapy         Chemotherapy         Surgery         Chemotherapy           Ves. 110670 No         Yes         Immunotherapy         Null         Radiation Therapy           Ves. 11070 No         Yes         Radiation Therapy         Null         Radiation Therapy	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Ves. 10418 Ves         Yes         Chemotherapy         Immunotherapy         Chemotherapy         Immunotherapy         Chemotherapy           Yes, 110468 No         Yes         Radiation Therapy         Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy         Yes         Yes         Chemotherapy         Chemotherapy         Surgery         Yes         10498 Yes         Yes         Chemotherapy         Chemotherapy         Chemotherapy         Perspect Therapy         Yes         10586 Yes         Yes         Surgery         Null         Targeted Therapy         Null         Yes         10587 Yes         No         Surgery         Null         Surgery         Null         Yes         10588 Yes         No         Radiation Therapy         Null         Surgery         Radiation Therapy         Yes         10680 No         Yes         Radiation Therapy         Chemotherapy         Yes         10680 No         Yes         Radiation Therapy         Chemotherapy         Yes         10680 No         Yes         Radiation Therapy         Chemotherapy         Chemotherapy         Yes         10680 No         Yes         Radiation Therapy         Chemotherapy         Yes         10680 No         Yes         Radiation Therapy         Yes         Null         Null         Null						
Ves. 110468 No         Yes         Immunotherapy         Targeted Therapy         Immunotherapy           Ves. 110495 Yes         Yes         Chemotherapy         Chemotherapy         Surgery           Ves. 11055 No         Yes         Chemotherapy         Chemotherapy         Targeted Therapy           Ves. 110565 No         Yes         Chemotherapy         Chemotherapy         Targeted Therapy           Ves. 110574 No         Yes         Chemotherapy         Immunotherapy         Null           Ves. 110583 Yes         No         Surgery         Null         Targeted Therapy           Ves. 110560 No         Yes         Radiation Therapy         Null         Surgery           Ves. 110600 No         Yes         Radiation Therapy         Null         Surgery           Ves. 110602 No         No         Targeted Therapy         Null         Null           Ves. 110602 No         No         Targeted Therapy         Null         Radiation Therapy           Ves. 110607 No         Yes         Rulniant Therapy         Null         Radiation Therapy           Ves. 110707 Yes         No         Targeted Therapy         Null         Radiation Therapy           Ves. 110714 Yes         No         Chemotherapy         Null         Null <td>Yes, 110404</td> <td>Yes</td> <td>No</td> <td>Immunotherapy</td> <td>Chemotherapy</td> <td>Immunotherapy</td>	Yes, 110404	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 110488 No         Yes         Immunotherapy         Radiation Therapy         Radiation Therapy         Immunotherapy         Immunothe	Yes, 110413	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy
Yes         10495         No         Yes         Chemotherapy         Null         Targeted Therapy           Yes         110565         No         Yes         Chemotherapy         Chemotherapy         Targeted Therapy           Yes         110565         Yes         Yes         Surgery         Targeted Therapy         Radiation Therapy           Yes         110583         Yes         No         Surgery         Null         Targeted Therapy           Yes         110583         Yes         No         Radiation Therapy         Null         Surgery           Yes         110684         No         Yes         Radiation Therapy         Null         Surgery           Yes         110664         No         Yes         Radiation Therapy         Chemotherapy         Surgery           Yes         110667         No         Yes         Indianton Therapy         Chemotherapy         Chemotherapy           Yes         110670         No         Yes         Radiation Therapy         Chemotherapy         Chemotherapy           Yes         110671         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes         110705         Yes         No						
Ves. 110495 Vas         Ves         Chemotherapy         Chemotherapy         Surgery           Ves. 110555 No         Ves         Chemotherapy         Targeted Therapy           Ves. 110555 Vas         Ves         Surgery         Targeted Therapy           Ves. 110555 Vas         Ves         Chemotherapy         Immunotherapy         Null           Ves. 110582 Vas         No         Surgery         Null         Surgery           Ves. 110684 No         Ves         Radiation Therapy         Null         Null           Ves. 110662 No         No         Targeted Therapy         Null         Null           Ves. 110671 No         Ves         Immunotherapy         Null         Radiation Therapy           Ves. 110680 Vas         Ves         Immunotherapy         Null         Radiation Therapy           Ves. 110774 Ves         No         Targeted Therapy         Null         Radiation Therapy           Ves. 110778 Ves         No         Targeted Therapy         Surgery         Chemotherapy           Ves. 110778 Ves         No         Targeted Therapy         Surgery         Chemotherapy           Ves. 110778 Ves         No         Targeted Therapy         Null         Null           Ves. 111780 Ves         Ves						
Ves. 1105565         No         Yes         Chemotherapy         Chemotherapy         Targeted Therapy         Radiation Therapy           Ves. 110574         No         Yes         Chemotherapy         Immunotherapy         Null           Ves. 110583         Yes         No         Surgery         Null         Targeted Therapy           Ves. 110508         No         Yes         Radiation Therapy         Surgery         Radiation Therapy           Ves. 110608         No         Yes         Radiation Therapy         Chemotherapy         Radiation Therapy           Ves. 110608         No         Targeted Therapy         Null         Null           Ves. 110608         No         Targeted Therapy         Chemotherapy         Chemotherapy           Ves. 1106071         No         Yes         Immunotherapy         Chemotherapy         Chemotherapy           Ves. 110705         Yes         No         Targeted Therapy         Surgery         Chemotherapy           Ves. 1107076         Yes         No         Chemotherapy         Surgery         Chemotherapy           Ves. 110714         Yes         No         Chemotherapy         Null         Null           Ves. 111178         Yes         Radiation Therapy <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Yes         Surgery         Targeted Therapy         Radiation Therapy           Yes         1105674         No         Yes         Chemotherapy         Immunotherapy         Null           Yes         110582         Yes         No         Radiation Therapy         Null         Surgery           Yes         110582         Yes         Radiation Therapy         Surgery         Radiation Therapy           Yes         110640         No         Yes         Radiation Therapy         Chemotherapy           Yes         110660         No         Targeted Therapy         Null         Null           Yes         110680         Yes         Immunotherapy         Null         Radiation Therapy           Yes         110680         Yes         Radiation Therapy         Chemotherapy         Immunotherapy           Yes         110709         Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy           Yes         110709         Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy           Yes         110708         Yes         No         Targeted Therapy         Null         Null           Yes         110708         Yes						
Ves. 110574 No         Ves         Chemotherapy         Immunotherapy         Null           Ves. 110583 Yes         No         Surgery         Null         Targeted Therapy           Ves. 110608 No         Yes         Radiation Therapy         Surgery         Radiation Therapy           Ves. 110662 No         Yes         Radiation Therapy         Null         Null           Ves. 110662 No         No         Targeted Therapy         Null         Null           Ves. 110662 No         No         Targeted Therapy         Null         Null           Ves. 110697 No         Yes         Immunotherapy         Null         Radiation Therapy           Ves. 110707 Ves         No         Targeted Therapy         Chemotherapy         Immunotherapy           Ves. 110778 Yes         No         Chemotherapy         Surgery         Chemotherapy           Ves. 110778 Yes         No         Chemotherapy         Null         Null           Ves. 111081 No         No         Chemotherapy         Null         Targeted Therapy           Ves. 111708 Yes         Yes         Radiation Therapy         Radiation Therapy         Null           Ves. 111708 Yes         Yes         Targeted Therapy         Null         Surgery						
Ves. 110583 Yes         No         Surgery         Null         Targeted Therapy           Ves. 110592 Yes         No         Radiation Therapy         Surgery           Ves. 110580 No         Yes         Radiation Therapy         Surgery           Ves. 110562 No         Yes         Radiation Therapy         Surgery           Ves. 110567 No         Yes         Immunotherapy         Chemotherapy         Chemotherapy           Ves. 11057 No         Yes         Immunotherapy         Chemotherapy         Chemotherapy           Ves. 110599 No         Yes         Radiation Therapy         Null         Radiation Therapy           Ves. 110705 Yes         No         Targeted Therapy         Null         Null           Ves. 110778 Yes         No         Targeted Therapy         Targeted Therapy         Null           Ves. 11018 No         No         Chemotherapy         Null         Null           Ves. 11138 Yes         Yes         Radiation Therapy         Null         Targeted Therapy           Ves. 111683 Yes         Yes         Radiation Therapy         Radiation Therapy         Null           Ves. 111708 Yes         Yes         Chemotherapy         Null         Surgery           Ves. 11177 No         Yes <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Ves. 110592 Ves         No         Radiation Therapy         Null         Surgery           Ves. 110648 No         Ves         Radiation Therapy         Surgery         Radiation Therapy         Surgery           Ves. 110662 No         No         Targeted Therapy         Null         Null         Null           Ves. 110671 No         Yes         Immunotherapy         Chemotherapy         Chemotherapy           Ves. 110680 Yes         Yes         Immunotherapy         Null         Radiation Therapy           Ves. 110705 Yes         No         Targeted Therapy         Surgery         Chemotherapy           Ves. 110714 Yes         No         Chemotherapy         Surgery         Chemotherapy           Ves. 110714 Yes         No         Chemotherapy         Null         Null           Ves. 110714 Yes         No         Chemotherapy         Null         Null           Ves. 110718 Yes         No         Chemotherapy         Null         Null           Ves. 111788 Yes         Yes         Radiation Therapy         Rull         Targeted Therapy           Ves. 111708 Yes         Yes         Chemotherapy         Null         Surgery           Ves. 111717 No         Yes         Targeted Therapy         Radiation Therapy						
Ves. 110608 No         Yes         Radiation Therapy         Surgery         Radiation Therapy         Chemotherapy         Radiation Therapy         Chemotherapy         Woll           Ves. 110662 No         No         Targeted Therapy         Null         Nul						
Ves. 110644         No         Yes         Radiation Therapy by Null         Null           Ves. 110662         No         Targeted Therapy by Null         Null           Ves. 110660         Yes         Immunotherapy by Null         Radiation Therapy by Null         Radiation Therapy by Null           Ves. 110705         Yes         No         Targeted Therapy by Surgery by Surgery by Null         Immunotherapy by Null           Ves. 110778         Yes         No         Targeted Therapy by Surgery by Null         No           Ves. 110778         Yes         No         Targeted Therapy by Null         Null           Ves. 11081         No         Chemotherapy by Null         Null           Ves. 11188         Yes         Immunotherapy by Null         Null           Ves. 111919         Yes         Radiation Therapy by Radiation Therapy by Null         Null           Ves. 11170         Yes         Yes         Targeted Therapy by Radiation						
Ves. 110602 No         No         Targeted Therapy         Null         Null           Ves. 110607 No         Yes         Immunotherapy         Chemotherapy         Chemotherapy           Ves. 110609 No         Yes         Radiation Therapy         Chemotherapy         Immunotherapy           Ves. 110704 Ves         No         Chemotherapy         Chemotherapy         Immunotherapy           Ves. 110714 Ves         No         Chemotherapy         Surgery         Chemotherapy           Ves. 110716 Ves         No         Chemotherapy         Targeted Therapy         Null           Ves. 11081 No         No         Chemotherapy         Null         Null           Ves. 111078 Ves         Ves         Radiation Therapy         Null         Targeted Therapy           Ves. 111708 Ves         Yes         Targeted Therapy         Radiation Therapy         Null           Ves. 111717 No         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy           Ves. 111726 Ves         Yes         Chemotherapy         Radiation Therapy         Radiation Therapy           Ves. 111771 Ves         Yes         Radiation Therapy         Null         Surgery           Ves. 111799 Ves         Yes         Radiation Therapy						
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Ves. 110680 Ves         Yes         Immunotherapy         Null         Radiation Therapy         Mull         Radiation Therapy         Minumotherapy           Yes, 10704 Yes         No         Targeted Therapy         Surgery         Immunotherapy           Yes, 10704 Yes         No         Chemotherapy         Surgery         Chemotherapy           Yes, 11078 Yes         No         Targeted Therapy         Null           Yes, 111081 No         No         Chemotherapy         Null           Yes, 111188 Yes         Yes         Radiation Therapy         Null           Yes, 111981 Yes         Yes         Radiation Therapy         Null           Yes, 111970 Yes         Yes         Radiation Therapy         Radiation Therapy           Yes, 11171 No         Yes         Targeted Therapy         Radiation Therapy           Yes, 111726 Yes         Yes         Chemotherapy         Radiation Therapy         Radiation Therapy           Yes, 111774 No         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy           Yes, 111776 No         Yes         Targeted Therapy         Null         Surgery           Yes, 111777 Yes         Yes         Radiation Therapy         Null         Surgery           Yes, 11						
Ves. 110705         Ves         Radiation Therapy         Immunotherapy           Ves. 110705         Ves         No         Targeted Therapy         Surgery         Immunotherapy           Ves. 110778         Ves         No         Chemotherapy         Surgery         Chemotherapy           Ves. 110181         No         No         Chemotherapy         Null         Null           Ves. 111382         Ves         Immunotherapy         Null         Targeted Therapy           Ves. 1113831         Ves         Yes         Radiation Therapy         Null           Ves. 111708         Yes         Yes         Targeted Therapy         Null           Ves. 111708         Yes         Yes         Targeted Therapy         Null           Ves. 111717         No         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy           Ves. 111717         No         Yes         Chemotherapy         Null         Surgery           Ves. 111726         Yes         Yes         Chemotherapy         Null         Surgery           Ves. 111717         Yes         Yes         Radiation Therapy         Null         Surgery           Ves. 111717         Yes         Radiation Therapy						
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Yes, 113634 Yes Yes, 113908 Yes Yes, 114044 No Yes, 114071 No Yes, 114080 Yes Yes, 114123 Yes Yes, 114372 Yes Yes, 114390 Yes Yes, 114390 Yes Yes, 114415 Yes Yes, 114443 No Yes, 114460 Yes Yes, 114628 No Yes, 114761 Yes Yes, 114761 Yes Yes, 114879 Yes Yes, 114899 Yes Yes, 114899 Yes Yes, 114938 Yes Yes, 115010 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115214 Yes Yes, 115247 Yes Yes, 115484 Yes Yes, 115773 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116439 No Yes, 116439 No Yes, 116439 No Yes, 116439 No Yes, 1164484 No Yes, 116484 No Yes, 116484 No Yes, 116455 Yes		Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 113908 Yes Yes, 114044 No Yes, 114071 No Yes, 114080 Yes Yes, 114123 Yes Yes, 114372 Yes Yes, 114372 Yes Yes, 114372 Yes Yes, 114455 Yes Yes, 114460 Yes Yes, 114461 Yes Yes, 114734 Yes Yes, 114761 Yes Yes, 114761 Yes Yes, 114859 Yes Yes, 114898 Yes Yes, 114938 Yes Yes, 115010 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115227 Yes Yes, 115327 Yes Yes, 115327 Yes Yes, 115499 No Yes, 115778 No Yes, 115746 Yes Yes, 115778 No Yes, 116439 No Yes, 1164484 No Yes, 1164563 Yes	5	No	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 114044 No Yes, 114071 No Yes, 114080 Yes Yes, 114123 Yes Yes, 114372 Yes Yes, 114372 Yes Yes, 114415 Yes Yes, 114460 Yes Yes, 114460 Yes Yes, 114461 Yes Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114895 Yes Yes, 114895 Yes Yes, 114901 No Yes, 115010 No Yes, 115010 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes	3	No	Chemotherapy	Targeted Therapy	Surgery
Yes, 114071 No Yes, 114080 Yes Yes, 114123 Yes Yes, 114372 Yes Yes, 114390 Yes Yes, 114415 Yes Yes, 114415 Yes Yes, 114462 No Yes, 114761 Yes Yes, 114761 Yes Yes, 114859 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115010 No Yes, 115216 No Yes, 115217 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115464 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116446 Yes Yes, 116445 No Yes, 116466 Yes Yes, 116475 No Yes, 116464 No Yes, 116466 Yes	5	Yes	Chemotherapy	Null	Immunotherapy
Yes, 114080 Yes Yes, 114123 Yes Yes, 114372 Yes Yes, 114390 Yes Yes, 114415 Yes Yes, 114415 Yes Yes, 114462 No Yes, 114628 No Yes, 114734 Yes Yes, 114734 Yes Yes, 114734 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115010 No Yes, 115010 No Yes, 115214 Yes Yes, 115247 Yes Yes, 115247 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115733 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116449 No Yes, 116449 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 114123 Yes Yes, 114372 Yes Yes, 114390 Yes Yes, 114415 Yes Yes, 114433 No Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114734 Yes Yes, 114831 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115010 No Yes, 115214 Yes Yes, 115214 Yes Yes, 115247 Yes Yes, 115247 Yes Yes, 115357 Yes Yes, 115449 No Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116466 Yes Yes, 116445 No Yes, 116466 Yes		No	Radiation Therapy	Null	Null
Yes, 114372 Yes Yes, 114390 Yes Yes, 114415 Yes Yes, 114433 No Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114851 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115214 Yes Yes, 115247 Yes Yes, 115247 Yes Yes, 1154547 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116466 Yes Yes, 116445 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes	3	No	Immunotherapy	Null	Null
Yes, 114390 Yes Yes, 114415 Yes Yes, 114415 Yes Yes, 114433 No Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114831 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115214 Yes Yes, 115247 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116466 Yes Yes, 116449 No Yes, 116449 No Yes, 116445 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes Yes, 116466 Yes Yes, 116484 No Yes, 116466 Yes	3	Yes	Surgery	Radiation Therapy	Surgery
Yes, 114415 Yes Yes, 114433 No Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116460 No Yes, 116449 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes Yes, 116475 No Yes, 116464 No Yes, 116464 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes		Yes	Surgery	Radiation Therapy	Surgery
Yes, 114415 Yes Yes, 114433 No Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 116460 No Yes, 116449 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes Yes, 116475 No Yes, 116464 No Yes, 116464 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes Yes, 116475 No Yes, 116466 Yes	5	Yes	Chemotherapy	Radiation Therapy	Null
Yes, 114433 No Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114839 Yes Yes, 114895 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115457 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116460 Yes Yes, 116475 No Yes, 116475 No Yes, 116475 No Yes, 116484 No Yes, 116466 Yes Yes, 116466 Yes Yes, 116484 No Yes, 116466 Yes		Yes	Chemotherapy	Null	Surgery
Yes, 114460 Yes Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114839 Yes Yes, 114895 Yes Yes, 115010 No Yes, 115010 No Yes, 115126 No Yes, 11524 Yes Yes, 115287 Yes Yes, 115457 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116460 No Yes, 116475 No Yes, 116475 No Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Surgery	Surgery	Radiation Therapy
Yes, 114628 No Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116466 Yes Yes, 116466 Yes Yes, 116466 Yes Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116466 Yes		No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 114734 Yes Yes, 114761 Yes Yes, 114831 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 11524 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116466 Yes		No	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 114761 Yes Yes, 114831 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116460 No Yes, 116439 No Yes, 116439 No Yes, 116446 Yes Yes, 116475 No Yes, 116484 No Yes, 116486 Yes		No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 114831 Yes Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115454 Yes Yes, 115746 Yes Yes, 116464 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Surgery	Null	Targeted Therapy
Yes, 114859 Yes Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115746 Yes Yes, 115746 Yes Yes, 116040 No Yes, 116439 No Yes, 116449 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 114895 Yes Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115733 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116486 Yes		No	Surgery	Chemotherapy	Radiation Therapy
Yes, 114938 Yes Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 115001 No Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116400 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116484 No Yes, 116563 Yes					
Yes, 115010 No Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115454 Yes Yes, 115454 Yes Yes, 115733 No Yes, 115746 Yes Yes, 115773 No Yes, 116400 No Yes, 116449 No Yes, 116456 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 115126 No Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116400 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		No	Radiation Therapy	Null	Immunotherapy Null
Yes, 115214 Yes Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116400 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		No	Immunotherapy	Surgery	
Yes, 115287 Yes Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116486 Yes		Yes	Surgery	Surgery	Immunotherapy
Yes, 115357 Yes Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Radiation Therapy	Surgery	Null
Yes, 115409 No Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 115454 Yes Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 115533 No Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 115746 Yes Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		No	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 115773 No Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		No	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 116040 No Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Surgery	Targeted Therapy	Targeted Therapy
Yes, 116439 No Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Chemotherapy	Chemotherapy	Null
Yes, 116466 Yes Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 116475 No Yes, 116484 No Yes, 116563 Yes		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 116484 No Yes, 116563 Yes	5	No	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 116563 Yes		Yes	Radiation Therapy	Immunotherapy	Immunotherapy
		No	Targeted Therapy	Chemotherapy	Surgery
Yes. 117052 Yes	5	Yes	Immunotherapy	Chemotherapy	Targeted Therapy
	5	No	Immunotherapy	Radiation Therapy	Null
Yes, 117238 No		No	Radiation Therapy	Null	Surgery
Yes, 117247 Yes		No	Immunotherapy	Targeted Therapy	Targeted Therapy
Yes, 117274 No		No	Immunotherapy	Null	Chemotherapy
Yes, 117557 No		Yes	Radiation Therapy	Surgery	Chemotherapy
Yes, 117627 No		No	Targeted Therapy	Null	Immunotherapy
Yes, 117636 No		Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 117690 Yes		Yes	Surgery		Radiation Therapy
Yes, 117706 Yes		No		Surgery Targeted Thorapy	
			Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 117715 Yes		No	Surgery	Null	Null
Yes, 117724 No		No	Chemotherapy	Targeted Therapy	Immunotherapy

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tient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 117751	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 117788	No	No	Chemotherapy	Null	Radiation Therapy
Yes, 117803	No	Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 117867	Yes	Yes	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 117894	Yes	Yes	Targeted Therapy	Radiation Therapy	Surgery
Yes, 117928	No	Yes	Radiation Therapy	Surgery	Surgery
Yes, 117955	No	Yes	Targeted Therapy	Null	Null
Yes, 118125	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 118134		No	Targeted Therapy	Targeted Therapy	Surgery
Yes, 118143		No	Surgery	Null	Surgery
Yes, 118161		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 118189		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 118198		Yes	Chemotherapy	Chemotherapy	Null
Yes, 118684		No	Radiation Therapy	Surgery	Chemotherapy
Yes, 118693		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 118772		No	Chemotherapy	Null	Surgery
Yes, 118772 Yes, 118930		Yes		Null	
			Targeted Therapy		Chemotherapy
Yes, 118967		Yes	Targeted Therapy	Chemotherapy	Immunotherapy
Yes, 119067		No	Surgery	Radiation Therapy	Null
Yes, 119164		Yes	Surgery	Surgery	Immunotherapy
Yes, 119173		Yes	Surgery	Targeted Therapy	Null
Yes, 119340		Yes	Targeted Therapy	Null	Surgery
Yes, 119368		Yes	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 119508		Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 119544		Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 119605		No	Radiation Therapy	Surgery	Radiation Therapy
Yes, 119678	No	Yes	Targeted Therapy	Chemotherapy	Null
Yes, 119845	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 120069	Yes	Yes	Surgery	Chemotherapy	Null
Yes, 120166	No	No	Radiation Therapy	Radiation Therapy	Surgery
Yes, 120272	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
Yes, 120342	No	No	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 120537	No	Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 120661	No	No	Surgery	Immunotherapy	Immunotherapy
Yes, 120698		No	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 120838		Yes	Targeted Therapy	Surgery	Surgery
Yes, 120883		Yes	Surgery	Targeted Therapy	Null
Yes, 121017		Yes	Immunotherapy	Null	Radiation Therapy
Yes, 121044		Yes	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 121150		No	Chemotherapy	Null	Chemotherapy
Yes, 121178		Yes	Chemotherapy	Chemotherapy	Surgery
Yes, 121257		Yes	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 121309		Yes	Chemotherapy	Targeted Therapy	Null
Yes, 121345		Yes	Surgery	Null	Surgery
Yes, 121363		Yes	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 121433		No	Targeted Therapy	Null	Immunotherapy
Yes, 121628		No	Chemotherapy	Immunotherapy	Immunotherapy
Yes, 121637		Yes	Surgery	Surgery	Immunotherapy
Yes, 121691	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy

atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 121859	Yes	Yes	Surgery	Null	Surgery
Yes, 121983	Yes	Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 121992	Yes	No	Targeted Therapy	Null	Radiation Therapy
Yes, 122117	No	No	Immunotherapy	Null	Null
Yes, 122250	Yes	No	Radiation Therapy	Surgery	Targeted Therapy
Yes, 122296	No	No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 122366	Yes	No	Surgery	Surgery	Surgery
Yes, 122375	No	No	Targeted Therapy	Chemotherapy	Surgery
Yes, 122384		Yes	Radiation Therapy	Surgery	Surgery
Yes, 122409		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 122436		Yes	Chemotherapy	Immunotherapy	Null
Yes, 122454		No	Surgery	Null	Null
	Yes	No	Targeted Therapy	Null	Radiation Therapy
Yes, 122658		No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 122685		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 122728		No	Chemotherapy	Null	Surgery
Yes, 122843		No	Surgery	Null	Null
Yes, 122931				Null	Immunotherapy
		Yes	Radiation Therapy		
Yes, 122977		Yes	Immunotherapy	Null	Null
Yes, 123013		No	Radiation Therapy	Null	Radiation Therapy
Yes, 123208		No	Chemotherapy	Null	Surgery
Yes, 123299		Yes	Surgery	Immunotherapy	Surgery
Yes, 123350		Yes	Chemotherapy	Null	Immunotherapy
Yes, 123396		Yes	Targeted Therapy	Surgery	Targeted Therapy
Yes, 123448		No	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 123457		No	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 123493	Yes	No	Immunotherapy	Immunotherapy	Surgery
Yes, 123527	Yes	No	Immunotherapy	Null	Null
Yes, 123581	No	No	Surgery	Null	Targeted Therapy
Yes, 123800	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 123855	Yes	No	Radiation Therapy	Null	Surgery
Yes, 123943	Yes	No	Immunotherapy	Immunotherapy	Null
Yes, 123952	Yes	Yes	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 123970		No	Surgery	Null	Chemotherapy
Yes, 124113		Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 124283		Yes	Radiation Therapy	Surgery	Chemotherapy
Yes, 124487		Yes	Surgery	Targeted Therapy	Null
Yes, 124706		No	Radiation Therapy	Null	Null
Yes, 124779		No	Surgery	Radiation Therapy	Immunotherapy
Yes, 124937					
		No	Immunotherapy	Surgery	Immunotherapy
Yes, 125170		No	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 125222		No	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 125462		Yes	Surgery	Null	Null
Yes, 125532		Yes	Surgery	Chemotherapy	Immunotherapy
Yes, 125718		No	Targeted Therapy	Chemotherapy	Surgery
Yes, 125763	Yes	Yes	Radiation Therapy	Surgery	Chemotherapy
Yes, 125897	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 126049	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 126164	No	No	Surgery	Null	Surgery

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 126182	Yes	Yes	Surgery	Null	Null		
Yes, 126359	No	No	Surgery	Surgery	Immunotherapy		
Yes, 126410	No	No	Immunotherapy	Surgery	Immunotherapy		
Yes, 126580	No	Yes	Immunotherapy	Surgery	Null		
Yes, 126605	No	No	Targeted Therapy	Null	Surgery		
Yes, 126614	Yes	Yes	Immunotherapy	Surgery	Chemotherapy		
Yes, 126687	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
Yes, 126702	No	Yes	Surgery	Radiation Therapy	Chemotherapy		
Yes, 126711	Yes	Yes	Radiation Therapy	Null	Chemotherapy		
Yes, 126748	No	No	Immunotherapy	Radiation Therapy	Surgery		
Yes, 126775	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery		
Yes, 126784	No	Yes	Chemotherapy	Chemotherapy	Surgery		
Yes, 126818	Yes	Yes	Surgery	Surgery	Immunotherapy		
Yes, 126827	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery		
Yes, 126863	No	No	Surgery	Targeted Therapy	Targeted Therapy		
Yes, 126915		Yes	Surgery	Chemotherapy	Radiation Therapy		
Yes, 126924		Yes	Chemotherapy	Immunotherapy	Surgery		
Yes, 126942		No	Chemotherapy	Null	Surgery		
Yes, 127024	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy		
Yes, 127060		No	Radiation Therapy	Radiation Therapy	Radiation Therapy		
Yes, 127158		Yes	Chemotherapy	Immunotherapy	Surgery		
Yes, 127200		No	Chemotherapy	Null	Surgery		
Yes, 127219		No	Targeted Therapy	Immunotherapy	Chemotherapy		
Yes, 127316		No	Surgery	Surgery	Immunotherapy		
Yes, 127556		No	Surgery	Null	Targeted Therapy		
Yes, 127565		Yes	Radiation Therapy	Null	Targeted Therapy		
Yes, 127653		No	Chemotherapy	Chemotherapy	Immunotherapy		
Yes, 127680		No	Targeted Therapy	Targeted Therapy	Immunotherapy		
Yes, 127699		No	Targeted Therapy	Null	Immunotherapy		
Yes, 127714		No	Surgery	Null	Surgery		
Yes, 127732		Yes	Chemotherapy	Immunotherapy	Null		
Yes, 127778		No	Surgery	Immunotherapy	Targeted Therapy		
Yes, 127787		No	Chemotherapy	Radiation Therapy	Chemotherapy		
Yes, 127820		Yes	Chemotherapy	Radiation Therapy	Immunotherapy		
Yes, 127884		No	Chemotherapy	Radiation Therapy	Surgery		
Yes, 127909		No	Chemotherapy	Radiation Therapy	Targeted Therapy		
Yes, 127918		No	Radiation Therapy	Null	Surgery		
Yes, 127945		No	Radiation Therapy	Surgery	Surgery		
Yes, 128106		Yes	Surgery	Null	Chemotherapy		
Yes, 128151		No	Chemotherapy	Surgery	Surgery		
Yes, 128258		No	Surgery	Null	Surgery		
Yes, 128300		Yes	Radiation Therapy	Null	Null		
Yes, 128328		Yes	Chemotherapy	Chemotherapy	Surgery		
Yes, 128337		Yes	Immunotherapy	Immunotherapy	Radiation Therapy		
Yes, 128391		Yes	Immunotherapy	Surgery	Immunotherapy		
Yes, 128498		Yes	Surgery	Surgery	Targeted Therapy		
Yes, 128577		No	Surgery	Null	Chemotherapy		
Yes, 128674		No	Targeted Therapy	Null	Targeted Therapy		
Yes, 128744		No	Targeted Therapy	Chemotherapy	Immunotherapy		
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atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 128780	Yes	No	Surgery	Null	Surgery
Yes, 128896	Yes	No	Immunotherapy	Targeted Therapy	Targeted Therapy
Yes, 128902	Yes	No	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 129181	No	No	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 129215	No	No	Chemotherapy	Null	Targeted Therapy
Yes, 129349	No	Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 129367	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 129482		No	Immunotherapy	Null	Targeted Therapy
Yes, 129491		Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 129534		No	Surgery	Surgery	Surgery
Yes, 129613		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 129686		No	Chemotherapy	Immunotherapy	Surgery
Yes, 129729		No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 129808		Yes			
			Targeted Therapy	Immunotherapy	Surgery
Yes, 129923		No	Surgery	Radiation Therapy	Chemotherapy
Yes, 129941		No	Surgery	Immunotherapy	Targeted Therapy
Yes, 130004		Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 130110		Yes	Immunotherapy	Null	Surgery
Yes, 130217		No	Chemotherapy	Surgery	Surgery
Yes, 130314		Yes	Targeted Therapy	Null	Surgery
Yes, 130509		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 130581	Yes	Yes	Radiation Therapy	Null	Chemotherapy
Yes, 130590	No	Yes	Surgery	Chemotherapy	Null
Yes, 130606	No	Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 130624	Yes	No	Immunotherapy	Null	Radiation Therapy
Yes, 130697	No	Yes	Chemotherapy	Null	Surgery
Yes, 130776	Yes	No	Surgery	Surgery	Null
Yes, 130794	No	No	Chemotherapy	Null	Null
Yes, 130882	No	No	Surgery	Radiation Therapy	Surgery
Yes, 130934		Yes	Radiation Therapy	Immunotherapy	Surgery
Yes, 130943		No	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 131159		No	Targeted Therapy	Targeted Therapy	Null
Yes, 131450		No	Targeted Therapy	Null	Immunotherapy
Yes, 131469		No	Targeted Therapy	Null	Radiation Therapy
Yes, 131830		Yes	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 131973		No		Immunotherapy	
Yes, 132338		No	Radiation Therapy		Radiation Therapy Null
			Targeted Therapy	Surgery	
Yes, 132408		No	Immunotherapy	Null	Chemotherapy
Yes, 132523		No	Immunotherapy	Null	Radiation Therapy
Yes, 132657		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 132675		Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 132693		Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 132806	No	No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 132842	Yes	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 132903	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 133021	No	No	Immunotherapy	Null	Immunotherapy
Yes, 133085	No	No	Radiation Therapy	Null	Targeted Therapy
Yes, 133155	Yes	Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 133465	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy

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Yes, 133492	Yes	Yes	Immunotherapy	Null	Surgery
Yes, 133553	No	No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 133650	No	No	Surgery	Radiation Therapy	Null
Yes, 133845	No	No	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 133854	Yes	Yes	Surgery	Chemotherapy	Immunotherapy
Yes, 133863	No	No	Targeted Therapy	Surgery	Null
Yes, 133872	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 133881		Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 133951		No	Chemotherapy	Null	Radiation Therapy
Yes, 133979		No	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 133997		No	Surgery	Surgery	Radiation Therapy
Yes, 134024		No	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 134079		No	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 134112		No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 134149		Yes	Targeted Therapy	Null	Radiation Therapy Null
Yes, 134237		Yes	Surgery	Null Dadiation Thorsan	
Yes, 134291		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 134307		Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 134343		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 134422		No	Chemotherapy	Chemotherapy	Null
Yes, 134529		Yes	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 134680		Yes	Immunotherapy	Null	Radiation Therapy
Yes, 134811		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 134909	No	Yes	Surgery	Targeted Therapy	Surgery
Yes, 134945		No	Radiation Therapy	Null	Surgery
Yes, 135063	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy
Yes, 135124	Yes	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 135142	Yes	Yes	Radiation Therapy	Null	Chemotherapy
Yes, 135160	No	No	Chemotherapy	Null	Radiation Therapy
Yes, 135179	Yes	No	Surgery	Immunotherapy	Radiation Therapy
Yes, 135267	Yes	Yes	Immunotherapy	Targeted Therapy	Surgery
Yes, 135276	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy
Yes, 135337		Yes	Chemotherapy	Null	Surgery
Yes, 135364		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 135416		No	Targeted Therapy	Null	Null
Yes, 135522		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 135717		No	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 136011		Yes	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 136066		No	Immunotherapy	Null	Chemotherapy
Yes, 136109		Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 136145		Yes	Chemotherapy	Null	Null
Yes, 136303		Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 136473		No	Surgery	Null	Surgery
Yes, 136491		Yes	Chemotherapy	Surgery	Chemotherapy
Yes, 136659		Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 136765	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 136774	No	No	Immunotherapy	Null	Immunotherapy
Yes, 136826	Yes	No	Chemotherapy	Null	Targeted Therapy
Yes, 137023	No	Yes	Targeted Therapy	Surgery	Targeted Therapy

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Yes, 137032	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy
Yes, 137315	No	Yes	Targeted Therapy	Null	Surgery
Yes, 137476	Yes	Yes	Surgery	Surgery	Surgery
Yes, 137564	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 137847	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy
Yes, 137856	No	No	Surgery	Null	Chemotherapy
Yes, 138284	No	Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 138293	No	Yes	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 138479		Yes	Surgery	Radiation Therapy	Null
Yes, 138497		No	Surgery	Null	Radiation Therapy
Yes, 138558		Yes	Immunotherapy	Surgery	Targeted Therapy
Yes, 138691		Yes	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 138789		Yes	Surgery	Null	Immunotherapy
Yes, 138813		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 138822		No	Radiation Therapy	Null	Surgery
Yes, 138840		Yes	Chemotherapy	Chemotherapy	Immunotherapy
Yes, 138901		No	Surgery	Chemotherapy	Targeted Therapy
Yes, 138929		Yes	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 138929 Yes, 138947				Null	
		Yes	Surgery		Chemotherapy
Yes, 138956		Yes	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 139010		Yes	Radiation Therapy	Chemotherapy	Surgery
Yes, 139074		Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 139092		No	Radiation Therapy	Null	Chemotherapy
Yes, 139144		No	Surgery	Null	Targeted Therapy
Yes, 139153		Yes	Radiation Therapy	Surgery	Null
Yes, 139199		Yes	Targeted Therapy	Radiation Therapy	Surgery
Yes, 139250		Yes	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 139311		Yes	Chemotherapy	Null	Immunotherapy
Yes, 139348		No	Radiation Therapy	Null	Immunotherapy
Yes, 139384		Yes	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 139506		Yes	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 139533	No	No	Surgery	Chemotherapy	Chemotherapy
Yes, 139579	No	Yes	Radiation Therapy	Surgery	Surgery
Yes, 139621	No	No	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 139719	Yes	No	Targeted Therapy	Null	Null
Yes, 139861	No	Yes	Radiation Therapy	Surgery	Null
Yes, 139940	Yes	No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 139968	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 139995	Yes	Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 140003		Yes	Surgery	Targeted Therapy	Null
Yes, 140012		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 140243		No	Chemotherapy	Chemotherapy	Null
Yes, 140304		No	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 140340		Yes	Surgery	Null	Immunotherapy
Yes, 140401		Yes	Immunotherapy	Null	Null
Yes, 140401		Yes			
			Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 140562		Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 140669		Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 140696	Yes	Yes	Targeted Therapy	Null	Targeted Therapy

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Yes, 140720	Yes	No	Radiation Therapy	Radiation Therapy	Surgery	
Yes, 140827	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
Yes, 140872	Yes	Yes	Surgery	Targeted Therapy	Null	
Yes, 140942	No	No	Chemotherapy	Null	Null	
Yes, 140960	No	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
es, 140988	Yes	No	Chemotherapy	Null	Surgery	
res, 140997	No	Yes	Chemotherapy	Radiation Therapy	Surgery	
res, 141006	Yes	No	Radiation Therapy	Surgery	Surgery	
Yes, 141097	Yes	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
es, 141237	No	Yes	Targeted Therapy	Targeted Therapy	Null	
es, 141264		No	Radiation Therapy	Chemotherapy	Targeted Therapy	
es, 141307		Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
es, 141334		No	Radiation Therapy	Radiation Therapy	Null	
es, 141361		No	Targeted Therapy	Null	Targeted Therapy	
es, 141608		No	Surgery	Radiation Therapy	Chemotherapy	
es, 141802		No	Radiation Therapy	Null	Null	
es, 141811		Yes	Chemotherapy	Surgery	Immunotherapy	
es, 141839		Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
es, 141936		Yes	Immunotherapy	Chemotherapy	Chemotherapy	
es, 141945		No	Surgery	Targeted Therapy	Surgery	
es, 141990		No	Targeted Therapy	Immunotherapy	Chemotherapy	
es, 142276		Yes	Chemotherapy	Surgery		
es, 142276 es, 142294		Yes	Surgery	Null	Surgery Immunotherapy	
es, 142328		No		Null		
			Targeted Therapy		Chemotherapy	
es, 142416		Yes	Surgery	Targeted Therapy	Immunotherapy	
es, 142489		Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
es, 142832		Yes	Targeted Therapy	Null	Chemotherapy	
es, 142869		No	Chemotherapy	Immunotherapy	Radiation Therapy	
es, 142887		Yes	Radiation Therapy	Null	Radiation Therapy	
es, 143048		Yes	Chemotherapy	Null	Chemotherapy	
es, 143075		No	Chemotherapy	Targeted Therapy	Radiation Therapy	
es, 143084		No	Chemotherapy	Surgery	Null	
es, 143181		No	Immunotherapy	Targeted Therapy	Chemotherapy	
es, 143279		No	Targeted Therapy	Null	Surgery	
es, 143376		No	Radiation Therapy	Radiation Therapy	Null	
es, 143464		Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
es, 143482		No	Chemotherapy	Chemotherapy	Immunotherapy	
es, 143516	No	Yes	Targeted Therapy	Null	Chemotherapy	
es, 143613		Yes	Targeted Therapy	Null	Immunotherapy	
es, 143659		No	Radiation Therapy	Null	Immunotherapy	
es, 143695	No	Yes	Chemotherapy	Radiation Therapy	Null	
es, 143853	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
es, 143978	Yes	No	Chemotherapy	Radiation Therapy	Null	
es, 144005	Yes	Yes	Radiation Therapy	Null	Null	
es, 144014	No	Yes	Chemotherapy	Immunotherapy	Chemotherapy	
es, 144157	No	No	Chemotherapy	Null	Immunotherapy	
es, 144166	No	Yes	Surgery	Surgery	Targeted Therapy	
es, 144184	No	No	Chemotherapy	Surgery	Targeted Therapy	
es, 144104						

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Yes, 144209	Yes	Yes	Surgery	Immunotherapy	mmunotherapy	
Yes, 144564	Yes	Yes	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 144777	No	No	Immunotherapy	Surgery	Chemotherapy	
Yes, 144865	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy	
Yes, 144883	No	Yes	Radiation Therapy	Targeted Therapy	mmunotherapy	
Yes, 144892	Yes	No	Surgery	Radiation Therapy	mmunotherapy	
Yes, 144944	No	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 144962	Yes	Yes	Radiation Therapy	Null	Surgery	
Yes, 144971	No	No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 145099	Yes	No	Surgery	Chemotherapy	Surgery	
Yes, 145275	No	No	Targeted Therapy	Null	Null	
Yes, 145309	Yes	Yes	Immunotherapy	Surgery	Chemotherapy	
Yes, 145372	No	Yes	Surgery	Null	Targeted Therapy	
Yes, 145433	No	No	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 145460	Yes	No	Surgery	Null	Immunotherapy	
Yes, 145600	Yes	No	Targeted Therapy	Immunotherapy	Chemotherapy	
Yes, 145628	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 145637	Yes	Yes	Surgery	Radiation Therapy	Null	
Yes, 145682	No	No	Surgery	Null	Radiation Therapy	
Yes, 145770	No	No	Targeted Therapy	Null	Surgery	
Yes, 145813	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 145831	Yes	Yes	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 146010	No	Yes	Radiation Therapy	Surgery	Targeted Therapy	
Yes, 146205	No	Yes	Targeted Therapy	Immunotherapy	Null	
Yes, 146241	Yes	Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
Yes, 146296	No	No	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 146339	No	No	Chemotherapy	Null	Null	
Yes, 146348	No	Yes	Immunotherapy	Surgery	Chemotherapy	
Yes, 146384	No	No	Radiation Therapy	Chemotherapy	Targeted Therapy	
Yes, 146427	No	Yes	Chemotherapy	Surgery	Targeted Therapy	
Yes, 146472	No	No	Immunotherapy	Null	Targeted Therapy	
Yes, 146481	No	Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 146506	No	Yes	Surgery	Surgery	Chemotherapy	
Yes, 146621	Yes	Yes	Targeted Therapy	Radiation Therapy	Null	
Yes, 146685	No	Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 146719	No	No	Immunotherapy	Null	Null	
Yes, 146728	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy	
Yes, 146755	No	No	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 146807	No	No	Surgery	Null	Chemotherapy	
Yes, 147004	No	No	Immunotherapy	Null	Targeted Therapy	
Yes, 147013	No	No	Targeted Therapy	Null	Radiation Therapy	
Yes, 147031	No	Yes	Immunotherapy	Targeted Therapy	Surgery	
Yes, 147129	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 147341	No	No	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 147378	Yes	No	Immunotherapy	Surgery	Targeted Therapy	
Yes, 147396	Yes	Yes	Targeted Therapy	Null	Chemotherapy	
Yes, 147411	Yes	No	Targeted Therapy	Chemotherapy	Surgery	
Yes, 147536	No	No	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 147679	Yes	Yes	Surgery	Chemotherapy	Null	
					0	1

Yes, 14776 Yes, 147770 Yes, 147800 Yes, 14781		Yes			
Yes, 14780 Yes, 14781		162	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 147819	No No	No	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 14781	) No	Yes	Chemotherapy	Surgery	Null
	) No	Yes	Targeted Therapy	Null	Chemotherapy
Yes, 14791	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 14797	) No	Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 14825	S No	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 14833	Yes	No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 148399	) No	Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 14840	Yes	Yes	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 14848	7 No	Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 14849	S No	Yes	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 14851	No	No	Surgery	Chemotherapy	Targeted Therapy
Yes, 14858	l Yes	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 14859		No	Immunotherapy	Surgery	Immunotherapy
Yes, 14862		Yes	Immunotherapy	Surgery	Targeted Therapy
Yes, 14865		No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 14867		No	Chemotherapy	Radiation Therapy	Null
Yes, 14872		No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 14887		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy
Yes, 14888		No	Targeted Therapy	Surgery	Radiation Therapy
Yes, 14898		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 14899:		No	Radiation Therapy	Surgery	Chemotherapy
Yes, 14902		No	Immunotherapy	Surgery	Radiation Therapy
Yes, 14922		Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 14923		Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 14924		No	Surgery	Null	Null
Yes, 14931		Yes	Immunotherapy	Null	Radiation Therapy
Yes, 14936		No	Immunotherapy	Immunotherapy	Surgery
Yes, 149499		No	Surgery	Null	Chemotherapy
Yes, 14949		No	Radiation Therapy	Null	Radiation Therapy
Yes, 14950		No	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 14951		No	Surgery	Targeted Therapy	Chemotherapy
Yes, 14936		No	Immunotherapy	Radiation Therapy	Null
Yes, 14976					
		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 15004		No	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 150075		Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 15016		No	Immunotherapy	Immunotherapy	Surgery
Yes, 15025		No	Radiation Therapy	Targeted Therapy	Surgery
Yes, 15030		Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 15042		Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 15043		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 15053		Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 15060		Yes	Radiation Therapy	Null	Surgery
Yes, 15066		No	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 15069		No	Immunotherapy	Surgery	Radiation Therapy
Yes, 15071	) No	Yes	Chemotherapy	Surgery	Radiation Therapy
Yes, 15085	3 No	No	Chemotherapy	Surgery	Chemotherapy
Yes, 15094:	. No	No	Surgery	Null	Targeted Therapy

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Yes, 151102	No	Yes	Radiation Therapy	Surgery	Null
Yes, 151166	Yes	Yes	Targeted Therapy	Surgery	Surgery
Yes, 151263	No	Yes	Radiation Therapy	Surgery	Null
Yes, 151324	No	Yes	Surgery	Targeted Therapy	Radiation Therapy
Yes, 151333	Yes	No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 151360	Yes	Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 151379	Yes	Yes	Surgery	Null	Immunotherapy
Yes, 151467	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 151500	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 151607	Yes	No	Surgery	Chemotherapy	Targeted Therapy
Yes, 151616		Yes	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 151625		Yes	Surgery	Null	Null
Yes, 151652		Yes	Immunotherapy	Targeted Therapy	Null
Yes, 151777		Yes	Radiation Therapy	Null	Chemotherapy
Yes, 151786		No	Surgery	Null	Immunotherapy
Yes, 151801		No	Chemotherapy	Targeted Therapy	Null
Yes, 151810		Yes	Targeted Therapy	Surgery	Null
Yes, 151865		Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 151962		No	Chemotherapy	Null	Chemotherapy
Yes, 152080		No	Radiation Therapy	Surgery	Chemotherapy
Yes, 152275		Yes	Radiation Therapy	Immunotherapy	Immunotherapy
Yes, 152318		Yes	Chemotherapy	Immunotherapy	Null
Yes, 152381		No	Radiation Therapy	Null	Immunotherapy
Yes, 152415		No	Radiation Therapy	Chemotherapy	Surgery
Yes, 152424		No	Radiation Therapy	Surgery	Surgery
Yes, 152497		No	Immunotherapy	Surgery	Radiation Therapy
Yes, 152530		No	Targeted Therapy	Surgery	Chemotherapy
Yes, 152600	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy
Yes, 152628	No	Yes	Targeted Therapy	Surgery	Radiation Therapy
Yes, 152637	Yes	No	Chemotherapy	Surgery	Immunotherapy
Yes, 152798	No	No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 152822	Yes	Yes	Chemotherapy	Chemotherapy	Null
Yes, 152992	Yes	Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 153001	No	No	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 153074	Yes	Yes	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 153083	Yes	Yes	Surgery	Null	Targeted Therapy
Yes, 153108		Yes	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 153126		Yes	Radiation Therapy	Null	Chemotherapy
Yes, 153162		No	Immunotherapy	Surgery	Radiation Therapy
Yes, 153241		No	Immunotherapy	Null	Immunotherapy
Yes, 153269		No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 153278		Yes		Null	
Yes, 153278 Yes, 153311			Surgery Padiation Thorany		Radiation Therapy
		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 153320		No	Radiation Therapy	Surgery	Chemotherapy
Yes, 153339		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 153409		Yes	Targeted Therapy	Null	Surgery
Yes, 153427		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 153463		No	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 153524	No	Yes	Chemotherapy	Chemotherapy	Surgery

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Yes, 153533	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 153621	No	No	Surgery	Null	Surgery
Yes, 153658	No	No	Surgery	Immunotherapy	Immunotherapy
Yes, 153773	Yes	No	Chemotherapy	Radiation Therapy	Surgery
Yes, 153782	Yes	Yes	Chemotherapy	Surgery	Chemotherapy
Yes, 153825	Yes	No	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 153861	Yes	Yes	Chemotherapy	Immunotherapy	Null
Yes, 153922	No	Yes	Chemotherapy	Null	Chemotherapy
Yes, 153977		Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 154013		No	Radiation Therapy	Immunotherapy	Immunotherapy
Yes, 154022		No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 154095		No	Targeted Therapy	Chemotherapy	Immunotherapy
Yes, 154110		No	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 154156		No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 154208		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 154262		No	Immunotherapy	Null	Radiation Therapy
Yes, 154262 Yes, 154332		No			
			Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 154378		No	Surgery	Immunotherapy	Targeted Therapy
Yes, 154545		Yes	Immunotherapy	Null	Radiation Therapy
Yes, 154712		Yes	Surgery	Null	Surgery
Yes, 154721		Yes	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 154749		No	Immunotherapy	Radiation Therapy	Surgery
Yes, 154776		Yes	Radiation Therapy	Immunotherapy	Null
Yes, 154794		No	Radiation Therapy	Null	Surgery
Yes, 154800		No	Immunotherapy	Null	Null
Yes, 154837		Yes	Targeted Therapy	Immunotherapy	Surgery
Yes, 154855	No	No	Immunotherapy	Targeted Therapy	Null
Yes, 154907	Yes	Yes	Immunotherapy	Radiation Therapy	Null
Yes, 154934	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 154998	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 155007	No	Yes	Immunotherapy	Surgery	Surgery
Yes, 155025	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 155070	No	Yes	Immunotherapy	Null	Chemotherapy
Yes, 155104		Yes	Surgery	Immunotherapy	Null
Yes, 155186		Yes	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 155292		No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 155317		No	Immunotherapy	Surgery	Targeted Therapy
Yes, 155353		No	Chemotherapy	Immunotherapy	Null
Yes, 155423		Yes	Surgery	Null	Targeted Therapy
Yes, 155441					
		Yes	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 155450		No	Targeted Therapy	Chemotherapy	Surgery
Yes, 155496		Yes	Surgery	Null	Radiation Therapy
Yes, 155511		No	Targeted Therapy	Null	Immunotherapy
Yes, 155566		Yes	Immunotherapy	Surgery	Chemotherapy
Yes, 155627		Yes	Radiation Therapy	Null	Immunotherapy
Yes, 155812		Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 155867	No	No	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 155900	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery
Yes, 155937	Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy

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Yes, 156134	No	No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 156189	No	No	Targeted Therapy	Null	Surgery
Yes, 156213	No	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 156222	No	Yes	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 156231	Yes	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy
Yes, 156277	Yes	Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 156295	No	No	Immunotherapy	Null	Null
Yes, 156356	No	Yes	Chemotherapy	Targeted Therapy	Null
Yes, 156408		No	Immunotherapy	Radiation Therapy	Null
Yes, 156417		No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 156541		No	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 156648		Yes	Chemotherapy	Null	Radiation Therapy
Yes, 156727		No	Chemotherapy	Surgery	Null
Yes, 156790		Yes	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 156860		Yes	Radiation Therapy	Targeted Therapy	Surgery
Yes, 156903		No	Immunotherapy	Null	Null
Yes, 156903		Yes	Immunotherapy	Surgery	Radiation Therapy
Yes, 157030		Yes	Chemotherapy		Radiation Therapy
				Surgery	
Yes, 157085		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 157207		No	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 157289		No	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 157304		No	Immunotherapy	Null	Surgery
Yes, 157359		Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 157377		No	Targeted Therapy	Null	Surgery
Yes, 157401		No	Radiation Therapy		Radiation Therapy
Yes, 157438		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 157465		No	Radiation Therapy	Immunotherapy	Surgery
Yes, 157483	No	No	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 157535	Yes	Yes	Radiation Therapy	Surgery	Immunotherapy
Yes, 157553	Yes	Yes	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 157614	Yes	No	Surgery	Chemotherapy	Radiation Therapy
Yes, 157632	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 157696	No	No	Targeted Therapy	Immunotherapy	Surgery
Yes, 157739	No	No	Surgery	Null	Targeted Therapy
Yes, 157766		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 157809		Yes	Targeted Therapy	Immunotherapy	Chemotherapy
Yes, 157818		No	Immunotherapy	Chemotherapy	Null
Yes, 157854		No	Surgery	Null	Chemotherapy
Yes, 157863		No	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 157951		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 158158		No	Immunotherapy	Surgery	Chemotherapy
Yes, 158246		Yes			
Yes, 158246 Yes, 158343			Targeted Therapy	Chemotherapy	Radiation Therapy Null
		No	Targeted Therapy	Chemotherapy	
Yes, 158431		No	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 158477		No	Targeted Therapy	Null	Targeted Therapy
Yes, 158662		No	Targeted Therapy	Null	Radiation Therapy
Yes, 159027		Yes	Targeted Therapy	Radiation Therapy	Null
Yes, 159382		No	Surgery	Chemotherapy	Null
Yes, 159416	No	No	Targeted Therapy	Surgery	Immunotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 159513	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery	
Yes, 159656	No	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 159948	Yes	No	Chemotherapy	Immunotherapy	Targeted Therapy	
Yes, 159966	Yes	No	Surgery	Targeted Therapy	Surgery	
Yes, 160010	Yes	Yes	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 160029	No	Yes	Immunotherapy	Chemotherapy	Chemotherapy	
Yes, 160065	No	No	Chemotherapy	Null	Immunotherapy	
Yes, 160135	No	Yes	Immunotherapy	Surgery	Null	
Yes, 160199	Yes	No	Chemotherapy	Null	Radiation Therapy	
Yes, 160409	Yes	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy	
Yes, 160445	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	
Yes, 160472	No	Yes	Immunotherapy	Chemotherapy	Null	
Yes, 160612	No	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 160649	Yes	Yes	Surgery	Chemotherapy	Null	
Yes, 160940	No	No	Chemotherapy	Immunotherapy	Radiation Therapy	
Yes, 160968	No	No	Surgery	Null	Chemotherapy	
Yes, 161004		No	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 161022		Yes	Targeted Therapy	Null	Radiation Therapy	
Yes, 161077		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
Yes, 161138		No	Surgery	Surgery	Chemotherapy	
Yes, 161165		Yes	Chemotherapy	Null	Null	
Yes, 161192		Yes	Surgery	Targeted Therapy	Chemotherapy	
Yes, 161235		No	Immunotherapy	Null	Surgery	
Yes, 161244		No		Surgery	Targeted Therapy	
Yes, 161280		No	Targeted Therapy	Null	Surgery	
Yes, 161341		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 161493		Yes	Radiation Therapy	Chemotherapy	Null	1
Yes, 161509		Yes	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 161651		No	Targeted Therapy	Targeted Therapy	Null	
Yes, 161688		Yes	Immunotherapy	Null	Immunotherapy	
Yes, 161800		Yes	Chemotherapy	Targeted Therapy	Null	
Yes, 161855		No	Chemotherapy	Surgery	Chemotherapy	
Yes, 161873		No	Surgery	Chemotherapy	Null	
Yes, 162007		Yes	Radiation Therapy	Null	Surgery	
Yes, 162061		Yes	Chemotherapy	Null	Null	
Yes, 162168		No	Surgery	Targeted Therapy	Immunotherapy	
Yes, 162210		No	Surgery	Surgery	Radiation Therapy	
Yes, 162283		Yes	Immunotherapy	Immunotherapy	Null	
Yes, 162335		Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 162557		Yes	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 162584		Yes	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 162681		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 162690		Yes	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 162706		No	Immunotherapy	Surgery	Targeted Therapy	
Yes, 162760		Yes	Targeted Therapy	Null	Radiation Therapy	
Yes, 162779		No	Surgery	Surgery	Immunotherapy	
Yes, 162982		Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 163107		Yes	Radiation Therapy	Surgery	Radiation Therapy	
Yes, 163268		Yes	Surgery	Targeted Therapy	Chemotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 163347	Yes	Yes	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 163532	Yes	No	Immunotherapy	Null	Null
Yes, 163657	Yes	Yes	Surgery	Surgery	Immunotherapy
Yes, 163736	No	Yes	Targeted Therapy	Surgery	Null
Yes, 163815	No	Yes	Surgery	Targeted Therapy	Chemotherapy
Yes, 163976	Yes	Yes	Immunotherapy	Null	Targeted Therapy
Yes, 164058		Yes	Immunotherapy	Surgery	Null
Yes, 164076		No	Immunotherapy	Null	Targeted Therapy
Yes, 164207		No	Radiation Therapy	Radiation Therapy	Radiation Therapy
Yes, 164243		No	Radiation Therapy	Radiation Therapy	Surgery
Yes, 164562		No	Chemotherapy	Null	Chemotherapy
Yes, 164580		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 164599		Yes	Targeted Therapy	Targeted Therapy	Surgery
Yes, 164614		Yes	Chemotherapy	Null	Chemotherapy
Yes, 164739		Yes	Targeted Therapy	Surgery	Immunotherapy
Yes, 164748		No			
Yes, 164845		No	Targeted Therapy	Surgery	Chemotherapy
			Radiation Therapy	Surgery	Immunotherapy
Yes, 164915		No	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 164924		No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 164933		No	Chemotherapy	Null	Radiation Therapy
Yes, 165015		Yes	Immunotherapy	Surgery	Surgery
Yes, 165024		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 165033		No	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 165060	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 165112	Yes	Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 165255	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 165264	No	Yes	Radiation Therapy	Null	Surgery
Yes, 165334	No	No	Chemotherapy	Null	Radiation Therapy
Yes, 165495	No	No	Chemotherapy	Surgery	Chemotherapy
Yes, 165556	Yes	Yes	Targeted Therapy	Null	Chemotherapy
Yes, 165608		Yes	Targeted Therapy	Null	Null
Yes, 165635		No	Surgery	Radiation Therapy	Null
Yes, 165662		No	Radiation Therapy	Chemotherapy	Surgery
Yes, 165802		No	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 165820		No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 165866		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 165945		Yes	Immunotherapy	Surgery	Immunotherapy
Yes, 166009		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 166027		No	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 166045		No	Surgery	Targeted Therapy	Null
Yes, 166054		No	Surgery	Targeted Therapy	Targeted Therapy
Yes, 166063	Yes	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 166133	Yes	No	Targeted Therapy	Null	Surgery
Yes, 166294	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 166319	Yes	No	Immunotherapy	Targeted Therapy	Surgery
Yes, 166328	No	No	Immunotherapy	Immunotherapy	Null
		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 166391					Surgery
Yes, 166391		No	largeted Therapy	NUII	
	Yes	No No	Targeted Therapy Chemotherapy	Null	Radiation Therapy

tient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 166498	Yes	Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 166586	No	Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 166595	No	Yes	Surgery	Surgery	Null
Yes, 166601	No	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 166629	No	Yes	Immunotherapy	Chemotherapy	Null
Yes, 166656	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 166665	No	No	Radiation Therapy	Surgery	Surgery
Yes, 166708	Yes	Yes	Radiation Therapy	Surgery	Immunotherapy
Yes, 166717	Yes	No	Surgery	Null	Surgery
Yes, 166823	Yes	No	Immunotherapy	Null	Radiation Therapy
Yes, 166850	Yes	No	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 166869	No	Yes	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 166887	Yes	No	Chemotherapy	Surgery	Targeted Therapy
Yes, 166957	No	Yes	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 166975	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 167020	Yes	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 167039	No	No	Targeted Therapy	Surgery	Radiation Therapy
Yes, 167181	Yes	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 167260	No	No	Immunotherapy	Radiation Therapy	Null
Yes, 167297		No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 167312		Yes	Chemotherapy	Null	Radiation Therapy
Yes, 167321		No	Surgery	Null	Radiation Therapy
Yes, 167376		Yes	Radiation Therapy	Immunotherapy	Surgery
Yes, 167394		No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 167455		No	Targeted Therapy	Null	Radiation Therapy
Yes, 167534		Yes	Immunotherapy	Surgery	Null
Yes, 167598		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 167677		No	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 167729		No	Targeted Therapy	Null	Chemotherapy
Yes, 167738		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 167792		Yes	Radiation Therapy	Surgery	Surgery
Yes, 167835		No	Targeted Therapy	Surgery	Chemotherapy
Yes, 167871		Yes	Targeted Therapy	Radiation Therapy	Surgery
Yes, 167987		No	Surgery	Targeted Therapy	Null
Yes, 168148		No	Radiation Therapy	Radiation Therapy	Surgery
Yes, 168227		Yes	Targeted Therapy	Surgery	Chemotherapy
Yes, 168254		Yes	Radiation Therapy	Chemotherapy	Null
Yes, 168263		No	Radiation Therapy	Surgery	Immunotherapy
Yes, 168281		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 168342		Yes	Targeted Therapy	Radiation Therapy	Null
Yes, 168421		Yes	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 168430		No		Chemotherapy	Targeted Therapy
Yes, 168555		No	Surgery	Radiation Therapy	
Yes, 168786			Surgery Padiation Thorany		Targeted Therapy
		No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 168838		No	Surgery	Null	Immunotherapy
Yes, 168847		No	Targeted Therapy	Null	Targeted Therapy
Yes, 168892		Yes	Chemotherapy	Null	Radiation Therapy
Yes, 169071		No	Immunotherapy	Immunotherapy	Null
Yes, 169099	Yes	Yes	Immunotherapy	Immunotherapy	Radiation Therapy

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Yes, 169248	No	Yes	Surgery	Null	Radiation Therapy
Yes, 169275	Yes	No	Radiation Therapy	Surgery	Immunotherapy
Yes, 169327	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 169363	No	Yes	Radiation Therapy	Null	Chemotherapy
Yes, 169479	No	Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 169628	No	Yes	Chemotherapy	Null	Surgery
Yes, 169655	No	No	Surgery	Chemotherapy	Null
Yes, 169716	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 169734		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 169761		Yes	Targeted Therapy	Null	Null
Yes, 169798		No	Chemotherapy	Radiation Therapy	Surgery
Yes, 169947		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 169983		Yes	Immunotherapy	Surgery	Radiation Therapy
Yes, 170000		Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 170037		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 170082		No	Radiation Therapy	Radiation Therapy	Null
Yes, 170082 Yes, 170532		No			
			Surgery	Chemotherapy	Chemotherapy
Yes, 170611		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 170842		Yes	Surgery	Null	Chemotherapy
Yes, 170967		No	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 170976		Yes	Surgery	Null	Null
Yes, 171100		Yes	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 171128		No	Targeted Therapy	Null	Immunotherapy
Yes, 171146		Yes	Surgery	Null	Chemotherapy
Yes, 171225	Yes	No	Surgery	Chemotherapy	Null
Yes, 171234		Yes	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 171313	No	No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 171395	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 171492	No	Yes	Chemotherapy	Null	Null
Yes, 171775	Yes	No	Chemotherapy	Radiation Therapy	Null
Yes, 172051	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 172334	No	Yes	Chemotherapy	Surgery	Surgery
Yes, 172422	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 172477		Yes	Targeted Therapy	Null	Surgery
Yes, 172608		Yes	Targeted Therapy	Chemotherapy	Null
Yes, 172617		Yes	Radiation Therapy	Null	Immunotherapy
Yes, 172671		Yes	Targeted Therapy	Null	Null
Yes, 172705		No	Chemotherapy	Immunotherapy	Surgery
Yes, 172954		No	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 172972		No	Targeted Therapy	Radiation Therapy	Surgery
		Yes			
Yes, 173063			Immunotherapy	Surgery	Radiation Therapy
Yes, 173160		Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 173300		Yes	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 173328		Yes	Surgery	Radiation Therapy	Surgery
Yes, 173416		Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 173452		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 173470		Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 173559	No	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 173638	No	No	Surgery	Targeted Therapy	Immunotherapy

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Yes, 173647	Yes	Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 173683	Yes	No	Immunotherapy	Targeted Therapy	Surgery
Yes, 173726	No	Yes	Surgery	Radiation Therapy	Null
Yes, 173735	Yes	No	Chemotherapy	Immunotherapy	Surgery
Yes, 173744		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 173799		Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 173805		No	Chemotherapy	Null	Radiation Therapy
Yes, 173896		Yes	Targeted Therapy	Surgery	Radiation Therapy
Yes, 173902		No	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 173911		No	Immunotherapy	Surgery	Chemotherapy
Yes, 173920		Yes	Chemotherapy	Radiation Therapy	Null
Yes, 173939		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 173966		Yes	Radiation Therapy	Null	Surgery
Yes, 173993		Yes	Radiation Therapy	Targeted Therapy	Surgery
Yes, 174020		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 174075		Yes	Immunotherapy	Surgery	Null
Yes, 174118		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 174118		Yes	Immunotherapy	Null	
Yes, 174154		No	Immunotherapy	Chemotherapy	Surgery
Yes, 174233			Radiation Therapy	Null	Surgery Padiation Thorany
		Yes No			Radiation Therapy
Yes, 174251			Targeted Therapy	Surgery	Immunotherapy
Yes, 174279		Yes	Chemotherapy	Targeted Therapy	Null
Yes, 174321		No	Chemotherapy	Targeted Therapy	Null
Yes, 174358		No	Surgery	Immunotherapy	Surgery
Yes, 174376		No	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 174394		No	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 174428		No	Radiation Therapy	Surgery	Radiation Therapy
Yes, 174437		Yes	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 174473		No	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 174491		Yes	Radiation Therapy	Surgery	Null
Yes, 174756		Yes	Surgery	Null	Targeted Therapy
Yes, 174783		No	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 174817	Yes	Yes	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 174862		Yes	Radiation Therapy	Surgery	Surgery
Yes, 174899	Yes	No	Targeted Therapy	Null	Null
Yes, 174914	No	Yes	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 174932	No	No	Chemotherapy	Null	Surgery
Yes, 175005	No	No	Radiation Therapy	Null	Surgery
Yes, 175014	Yes	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 175041	No	Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 175078		Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 175120		Yes	Surgery	Null	Radiation Therapy
Yes, 175227		No	Surgery	Surgery	Null
Yes, 175272		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 175528		Yes	Immunotherapy	Chemotherapy	Null
Yes, 175573		Yes	Surgery	Targeted Therapy	Radiation Therapy
Yes, 175591		No	Radiation Therapy	Chemotherapy	Null
100, 110001		No	Chemotherapy	Radiation Therapy	Targeted Therapy
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Yes, 175607 Yes, 175616		Yes	Chemotherapy	Null	Immunotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 175643	No	Yes	Radiation Therapy	Null	Chemotherapy		
Yes, 175652	No	Yes	Surgery	Chemotherapy	Null		
Yes, 175698	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy		
Yes, 175810	Yes	No	Radiation Therapy	Immunotherapy	Null		
Yes, 175935	Yes	No	Radiation Therapy	Null	Targeted Therapy		
Yes, 176017	Yes	No	Targeted Therapy	Immunotherapy	Chemotherapy		
Yes, 176026	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery		
Yes, 176035	Yes	Yes	Surgery	Chemotherapy	Immunotherapy		
Yes, 176044	No	Yes	Immunotherapy	Chemotherapy	Surgery		
Yes, 176053	Yes	Yes	Surgery	Immunotherapy	Surgery		
Yes, 176080	Yes	Yes	Surgery	Null	Null		
Yes, 176178		Yes	Targeted Therapy	Radiation Therapy	Surgery		
Yes, 176336		No	Chemotherapy	Immunotherapy	Surgery		
Yes, 176372		Yes	Radiation Therapy	Null	Surgery		
Yes, 176390		Yes	Radiation Therapy	Radiation Therapy	Null		
Yes, 176479		No	Targeted Therapy	Chemotherapy	Immunotherapy		
Yes, 176549		No	Chemotherapy	Surgery	Radiation Therapy		
Yes, 176600		No	Chemotherapy	Null	Targeted Therapy		
Yes, 176619		No	Immunotherapy	Targeted Therapy	Null		
Yes, 176637		Yes	Radiation Therapy	Targeted Therapy	Null		
Yes, 176664		No	Immunotherapy	Targeted Therapy	Chemotherapy		
Yes, 176734		Yes	Surgery	Targeted Therapy	Radiation Therapy		
Yes, 176770		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy		
Yes, 176910		Yes	Targeted Therapy	Null	Surgery		
Yes, 176938		Yes	Targeted Therapy	Null	Chemotherapy		
Yes, 177056		Yes	Chemotherapy	Null	Surgery		
Yes, 177117		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
Yes, 177135		No	Targeted Therapy	Targeted Therapy	Targeted Therapy		
Yes, 177162		No	Chemotherapy	Radiation Therapy	Chemotherapy		
Yes, 177250		Yes	Surgery	Null	Radiation Therapy		
Yes, 177278		No	Radiation Therapy	Targeted Therapy	Targeted Therapy		
Yes, 177339		No	Chemotherapy				
Yes, 177472		Yes		Immunotherapy	Immunotherapy Null		
Yes, 177542		No	Targeted Therapy Surgery	Surgery	Radiation Therapy		
Yes, 177551							
		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy		
Yes, 177588		No	Chemotherapy	Null	Targeted Therapy		
Yes, 177603		Yes	Chemotherapy	Targeted Therapy	Chemotherapy		
Yes, 177676		Yes	Immunotherapy	Null	Targeted Therapy		
Yes, 177746		Yes	Chemotherapy	Immunotherapy	Null		
Yes, 177807		Yes	Surgery	Chemotherapy	Surgery		
Yes, 177816		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy		
Yes, 177834		No	Radiation Therapy	Targeted Therapy	Null		
Yes, 177977		No	Radiation Therapy	Immunotherapy	Surgery		
Yes, 177986		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy		
Yes, 178059		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy		
Yes, 178110		Yes	Immunotherapy	Surgery	Null		
Yes, 178208		No	Radiation Therapy	Chemotherapy	Surgery		
Yes, 178217		Yes	Radiation Therapy	Surgery	Null		
Yes, 178262	Yes	No	Radiation Therapy	Surgery	Radiation Therapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 178305	No	No	Radiation Therapy	Targeted Therapy	Null		
Yes, 178314	No	No	Chemotherapy	Immunotherapy	Null		
Yes, 178369	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy		
Yes, 178387	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy		
Yes, 178396	Yes	No	Surgery	Targeted Therapy	Null		
Yes, 178420	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy		
Yes, 178439	Yes	Yes	Radiation Therapy	Chemotherapy	Null		
Yes, 178448	No	Yes	Radiation Therapy	Null	Chemotherapy		
Yes, 178466	No	No	Chemotherapy	Null	Immunotherapy		
Yes, 178484	No	No	Immunotherapy	Targeted Therapy	Null		
Yes, 178679	Yes	No	Radiation Therapy	Radiation Therapy	Chemotherapy		
Yes, 178721	No	No	Targeted Therapy	Radiation Therapy	Radiation Therapy		
Yes, 178828	Yes	Yes	Surgery	Null	Surgery		
Yes, 178989	No	Yes	Surgery	Surgery	Targeted Therapy		
Yes, 179043		No	Immunotherapy	Null	Chemotherapy		
Yes, 179052		No	Radiation Therapy	Null	Null		
Yes, 179201		No	Surgery	Null	Immunotherapy		
Yes, 179229		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy		
Yes, 179238		No	Chemotherapy	Targeted Therapy	Radiation Therapy		
Yes, 179256		No	Immunotherapy	Chemotherapy	Immunotherapy		
Yes, 179265		No	Targeted Therapy	Null	Radiation Therapy		
Yes, 179317		Yes	Immunotherapy	Null	Radiation Therapy		
Yes, 179326		Yes	Surgery	Surgery	Chemotherapy		
Yes, 179511		No	Immunotherapy	Radiation Therapy	Radiation Therapy		
Yes, 179539		Yes	Targeted Therapy	Immunotherapy	Immunotherapy		
Yes, 179557		Yes	Chemotherapy	Targeted Therapy	Radiation Therapy		
Yes, 179645		Yes	Chemotherapy	Chemotherapy	Surgery		
Yes, 179812		Yes	Chemotherapy	Immunotherapy	Chemotherapy		
Yes, 179894		Yes	Chemotherapy	Radiation Therapy	Null		
Yes, 179955		No	Immunotherapy	Targeted Therapy	Chemotherapy		
Yes, 179991		No	Immunotherapy	Immunotherapy	Surgery		
Yes, 180063		Yes	Chemotherapy	Chemotherapy	Chemotherapy		
Yes, 180197		No	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 180203		No	Targeted Therapy	Surgery	Immunotherapy		
Yes, 180212		No	Chemotherapy	Null	Targeted Therapy		
Yes, 180249		Yes	Immunotherapy	Radiation Therapy	Chemotherapy		
Yes, 180258		Yes	Chemotherapy	Chemotherapy	Null		
Yes, 180373		No	Surgery	Surgery	Radiation Therapy		
Yes, 180489		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy		
Yes, 180522		Yes	Surgery	Null	Surgery		
Yes, 180595		Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
Yes, 180692		No	Immunotherapy	Targeted Therapy	Targeted Therapy		
Yes, 180771		No	Targeted Therapy	Chemotherapy	Immunotherapy		
Yes, 180832		Yes	Targeted Therapy	Null	Chemotherapy		
Yes, 181020		Yes	Targeted Therapy	Chemotherapy	Surgery		
Yes, 181145		Yes	Radiation Therapy	Targeted Therapy	Null		
Yes, 181190		Yes	Chemotherapy	Targeted Therapy	Immunotherapy		
Yes, 181190 Yes, 181215		Yes	Immunotherapy	Immunotherapy	Null		
Yes, 181242		Yes	Radiation Therapy	Null	Immunotherapy		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 181312	No	Yes	Surgery	Null	Null	
Yes, 181330	No	Yes	Immunotherapy	Targeted Therapy	Null	
Yes, 181428	No	No	Radiation Therapy	Immunotherapy	Null	
Yes, 181464	No	Yes	Surgery	Immunotherapy	Chemotherapy	
Yes, 181491	No	Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
Yes, 181604	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 181747	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 181765	No	No	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 181783	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
Yes, 181792	No	No	Surgery	Targeted Therapy	Null	
Yes, 181817	Yes	No	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 181880	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
Yes, 181941	No	Yes	Surgery	Surgery	Targeted Therapy	
Yes, 182005	Yes	No	Targeted Therapy	Null	Chemotherapy	
Yes, 182148	No	No	Chemotherapy	Null	Null	
Yes, 182306	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 182397	No	No	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 182430		No	Radiation Therapy	Null	Surgery	
Yes, 182458	No	No	Radiation Therapy	Null	Targeted Therapy	
		No	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 182564		Yes	Surgery	Targeted Therapy	Chemotherapy	
Yes, 182652		No	Immunotherapy	Immunotherapy	Null	
Yes, 182704		No	Chemotherapy	Null	Radiation Therapy	
Yes, 182908		No	Targeted Therapy	Null	Immunotherapy	
Yes, 182980		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 183035		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
Yes, 183044		No	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 183105		Yes	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 183132		Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 183150		No	Chemotherapy	Targeted Therapy	Null	
Yes, 183202		No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 183248		No	Surgery	Surgery	Chemotherapy	
Yes, 183257		No	Surgery	Null	Radiation Therapy	
Yes, 183275		Yes	Targeted Therapy	Null	Radiation Therapy	
Yes, 183600		No	Radiation Therapy	Immunotherapy	Radiation Therapy	
Yes, 183822		No	Chemotherapy	Null	Targeted Therapy	
Yes, 183859		Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 183877		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 183983		No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
Yes, 184092		Yes	Immunotherapy	Chemotherapy	Chemotherapy	
Yes, 184348		No	Surgery	Null	Radiation Therapy	
Yes, 184357		Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 184427		Yes			Chemotherapy	
Yes, 184603		Yes	Surgery	Targeted Therapy	Null	
Yes, 184612		No	Radiation Therapy	Radiation Therapy	Null	
Yes, 184746		Yes	Chemotherapy	Surgery	Radiation Therapy	
Yes, 184773		Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 184816		Yes	Immunotherapy	Null	Chemotherapy	
Yes, 184959		Yes	Chemotherapy	Chemotherapy	Radiation Therapy	
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Yes, 184995		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 185129	Yes	No	Immunotherapy	Null	Null
Yes, 185174	Yes	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 185262	Yes	No	Immunotherapy	Null	Chemotherapy
Yes, 185509	Yes	Yes	Surgery	Radiation Therapy	Surgery
Yes, 185590	Yes	Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 185624	No	No	Surgery	Immunotherapy	Targeted Therapy
Yes, 185679	No	Yes	Surgery	Null	Null
Yes, 185721	Yes	No	Surgery	Surgery	Surgery
Yes, 185730	No	No	Targeted Therapy	Null	Surgery
Yes, 185758	No	Yes	Immunotherapy	Immunotherapy	Surgery
Yes, 185828	Yes	Yes	Surgery	Null	Radiation Therapy
Yes, 185916	Yes	Yes	Immunotherapy	Null	Null
Yes, 186034	No	No	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 186186		Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 186274		No	Surgery	Surgery	Surgery
Yes, 186399		No	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 186469		No	Radiation Therapy	Immunotherapy	Surgery
Yes, 186593		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 186618		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 186645		No	Chemotherapy	Chemotherapy	Surgery
Yes, 186867		Yes	Surgery	Null	Null
Yes, 187046		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 187134		Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 187161		No	Targeted Therapy	Null	Surgery
Yes, 187444		Yes	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 187505		Yes	Targeted Therapy	Chemotherapy	Null
Yes, 187620		No	Radiation Therapy	Null	Chemotherapy
Yes, 187648		Yes	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 187912		Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 187958		Yes	Radiation Therapy		Targeted Therapy
Yes, 187985		No	Radiation Therapy	Targeted Therapy Null	Null
Yes, 187985 Yes, 187994		No	Chemotherapy	Radiation Therapy	Chemotherapy
Yes, 188003					
		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 188030		Yes	Targeted Therapy	Chemotherapy	Null
Yes, 188049		Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 188100		No	Surgery	Immunotherapy	Immunotherapy
Yes, 188146		No	Targeted Therapy	Surgery	Targeted Therapy
Yes, 188182		No	Targeted Therapy	Surgery	Surgery
Yes, 188207		No	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 188216		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 188261		Yes	Immunotherapy	Targeted Therapy	Null
Yes, 188289		Yes	Targeted Therapy	Immunotherapy	Surgery
Yes, 188517	No	No	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 188526	Yes	Yes	Surgery	Chemotherapy	Null
Yes, 188535	Yes	Yes	Surgery	Immunotherapy	Null
Yes, 188580	No	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 188641	Yes	Yes	Targeted Therapy	Null	Immunotherapy
Yes, 188669	Yes	No	Radiation Therapy	Targeted Therapy	Null

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 188687	No	No	Immunotherapy	Immunotherapy	Radiation Therapy	
Yes, 188854	Yes	No	Surgery	Chemotherapy	Chemotherapy	
Yes, 188915	No	No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 188942	Yes	No	Immunotherapy	Null	Targeted Therapy	
Yes, 189015	No	Yes	Radiation Therapy	Null	Radiation Therapy	
Yes, 189088	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
Yes, 189097	Yes	Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 189219	No	Yes	Chemotherapy	Immunotherapy	Immunotherapy	
Yes, 189228	Yes	Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 189404	No	No	Surgery	Targeted Therapy	Chemotherapy	
Yes, 189422	No	No	Targeted Therapy	Immunotherapy	Immunotherapy	
Yes, 189459	Yes	Yes	Chemotherapy	Immunotherapy	Null	
Yes, 189468	No	No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
Yes, 189477	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 189501	Yes	Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
Yes, 189565		Yes	Chemotherapy	Surgery	Null	
Yes, 189653		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 189811		Yes	Immunotherapy	Null	Chemotherapy	
Yes, 189839	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy	
		No	Chemotherapy	Immunotherapy	Surgery	
Yes, 189981		Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 190035		Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 190053		No	Chemotherapy	Immunotherapy	Immunotherapy	
Yes, 190071		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 190099		No	Targeted Therapy	Immunotherapy	Chemotherapy	
Yes, 190114		Yes	Chemotherapy	Radiation Therapy	Null	
Yes, 190150		No	Surgery	Radiation Therapy	Chemotherapy	
Yes, 190169	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 190239		No	Immunotherapy	Null	Immunotherapy	
Yes, 190309		Yes	Immunotherapy	Surgery	Targeted Therapy	
Yes, 190372		No	Chemotherapy	Targeted Therapy	Null	
Yes, 190415		Yes	Targeted Therapy	Radiation Therapy	Null	
Yes, 190424		No	Chemotherapy	Null	Chemotherapy	
Yes, 190451		Yes	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 190521		No	Radiation Therapy	Radiation Therapy	Chemotherapy	
		No	Radiation Therapy	Targeted Therapy	Surgery	
Yes, 190549		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
Yes, 190558		No	Chemotherapy	Immunotherapy	Radiation Therapy	
Yes, 190567		Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 190576		Yes	Surgery	Radiation Therapy	Immunotherapy	
Yes, 190585		No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 190628		No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
Yes, 190637		Yes	Surgery	Null	Radiation Therapy	
Yes, 190664		No	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 190707		Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 190716		No	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 190840		Yes	Surgery	Null	Immunotherapy	
Yes, 190983		Yes	Surgery	Immunotherapy	Surgery	
Yes, 191083		Yes	Immunotherapy	Immunotherapy	Immunotherapy	
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Yes, 191126	Yes	No	Chemotherapy	Radiation Therapy	Null	
Yes, 191287	No	No	Surgery	Immunotherapy	Null	
Yes, 191302	No	Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 191393	No	Yes	Surgery	Null	Surgery	
Yes, 191621	Yes	No	Immunotherapy	Null	Null	
Yes, 191719	Yes	Yes	Chemotherapy	Surgery	Immunotherapy	
Yes, 191728	No	No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 191834	No	No	Surgery	Null	Targeted Therapy	
Yes, 191959	Yes	No	Surgery	Null	Chemotherapy	
es, 191968	No	Yes	Chemotherapy	Targeted Therapy	Null	
res, 191986	Yes	No	Immunotherapy	Immunotherapy	Chemotherapy	
es, 192022		No	Targeted Therapy	Immunotherapy	Radiation Therapy	
es, 192040		No	Immunotherapy	Null	Radiation Therapy	
'es, 192165		Yes	Surgery	Null	Chemotherapy	
es, 192192		No	Radiation Therapy	Chemotherapy	Surgery	
es, 192323		No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
es, 192448		Yes	Targeted Therapy	Immunotherapy	Null	
es, 192509		No	Radiation Therapy	Targeted Therapy	Chemotherapy	
es, 192703		No	Targeted Therapy	Null	Surgery	
es, 192712		Yes	Chemotherapy	Surgery	Radiation Therapy	
es, 192749		Yes	Immunotherapy	Immunotherapy	Null	
es, 192785		Yes	Radiation Therapy	Radiation Therapy	Surgery	
es, 192819		Yes	Immunotherapy	Chemotherapy	Chemotherapy	
es, 192925		Yes	Targeted Therapy	Immunotherapy	Surgery	
es, 192970		No	Targeted Therapy	Immunotherapy	Targeted Therapy	
es, 193016		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy	
es, 193052		No	Immunotherapy	Targeted Therapy	Chemotherapy	
es, 193061		Yes	Surgery	Radiation Therapy	Radiation Therapy	
es, 193001 es, 193070		No	Immunotherapy	Immunotherapy	Targeted Therapy	
es, 193070 es, 193265		No	Targeted Therapy	Chemotherapy	Surgery	
es, 193203 es, 193326		No				
			Chemotherapy	Chemotherapy  Radiation Therapy	Surgery Thornay	
es, 193380		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
es, 193399		No	Targeted Therapy	Radiation Therapy	Immunotherapy	
es, 193609		Yes	Chemotherapy	Null	Immunotherapy	
es, 193654		Yes	Immunotherapy	Targeted Therapy	Surgery	
es, 193760		No	Radiation Therapy	Targeted Therapy	Immunotherapy	
es, 193830		No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
es, 193858		No	Radiation Therapy	Null	Targeted Therapy	
es, 193894		Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
es, 194091		No	Immunotherapy	Chemotherapy	Targeted Therapy	
es, 194116		Yes	Surgery	Chemotherapy	Immunotherapy	
es, 194222		No	Targeted Therapy	Chemotherapy	Immunotherapy	
es, 194240		No	Chemotherapy	Immunotherapy	Null	
es, 194259		No	Chemotherapy	Immunotherapy	Surgery	
es, 194392		No	Surgery	Immunotherapy	Targeted Therapy	
es, 194499		Yes	Chemotherapy	Chemotherapy	Immunotherapy	
'es, 194541		No	Targeted Therapy	Targeted Therapy	Immunotherapy	
es, 194657		No	Radiation Therapy	Targeted Therapy	Radiation Therapy	
res, 194666		Yes	Chemotherapy	Null	Null	

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 194693	No	No	Targeted Therapy	Null	Chemotherapy	
Yes, 194736	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
Yes, 194824	Yes	No	Chemotherapy	Null	Radiation Therapy	
Yes, 194879	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 194958	Yes	Yes	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 195030	No	No	Surgery	Null	Radiation Therapy	
Yes, 195049	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 195058	Yes	No	Radiation Therapy	Surgery	Immunotherapy	
Yes, 195067	No	No	Surgery	Surgery	Null	
Yes, 195164	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 195191	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy	
Yes, 195243	No	Yes	Radiation Therapy	Null	Surgery	
Yes, 195289	No	No	Immunotherapy	Null	Chemotherapy	
Yes, 195322	Yes	No	Immunotherapy	Surgery	Targeted Therapy	
Yes, 195438	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 195492	No	No	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 195544	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 195580	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
Yes, 195623	Yes	Yes	Chemotherapy	Null	Immunotherapy	
Yes, 195669	Yes	Yes	Surgery	Surgery	Radiation Therapy	
Yes, 195720	No	Yes	Surgery	Null	Chemotherapy	
Yes, 195784	Yes	Yes	Immunotherapy	Targeted Therapy	Null	
Yes, 195793	No	No	Surgery	Null	Radiation Therapy	
Yes, 195845	Yes	No	Immunotherapy	Null	Radiation Therapy	
Yes, 195924	No	No	Radiation Therapy	Null	Immunotherapy	
Yes, 195933	No	No	Surgery	Immunotherapy	Immunotherapy	
Yes, 195988	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
Yes, 196006	Yes	No	Targeted Therapy	Chemotherapy	Surgery	
Yes, 196015		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 196024	No	Yes	Radiation Therapy	Null	Null	
Yes, 196088	Yes	Yes	Immunotherapy	Null	Chemotherapy	
Yes, 196103		Yes	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 196121		Yes	Chemotherapy	Surgery	Immunotherapy	
Yes, 196158	Yes	Yes	Surgery	Immunotherapy	Null	
Yes, 196176	Yes	Yes	Chemotherapy	Immunotherapy	Null	
Yes, 196185		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 196228	Yes	Yes	Immunotherapy	Null	Targeted Therapy	
Yes, 196237		Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
Yes, 196255		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 196291		Yes	Radiation Therapy	Null	Null	
Yes, 196307		No	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 196389		Yes	Surgery	Chemotherapy	Null	
Yes, 196413		No	Targeted Therapy	Null	Targeted Therapy	
Yes, 196431		Yes	Immunotherapy	Radiation Therapy	Immunotherapy	
Yes, 196440		Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 196477		No	Surgery	Radiation Therapy	Surgery	
Yes, 196592		No	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 196680		Yes	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 196699		No	Radiation Therapy	Chemotherapy	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 196866	Yes	Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 196884	No	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 197045	Yes	Yes	Radiation Therapy	Surgery	Immunotherapy
Yes, 197142	No	No	Radiation Therapy	Surgery	Null
Yes, 197151	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy
Yes, 197230		No	Surgery	Chemotherapy	Null
Yes, 197647		No	Targeted Therapy	Surgery	Targeted Therapy
Yes, 197674		Yes	Targeted Therapy	Null	Surgery
Yes, 197692		No	Chemotherapy	Surgery	Surgery
Yes, 197708		Yes	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 197735		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 197814		No	Surgery	Radiation Therapy	Null
Yes, 197832		No	Immunotherapy	Null	Immunotherapy
Yes, 197850		Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 197869		No	Chemotherapy	Radiation Therapy	
					Surgery
Yes, 197887		No	Surgery	Radiation Therapy	Chemotherapy
Yes, 197911		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 197966		No	Targeted Therapy	Targeted Therapy	Surgery
Yes, 197984		Yes	Targeted Therapy	Surgery	Null
Yes, 198039		Yes	Targeted Therapy	Null	Null
Yes, 198075		No	Chemotherapy	Null	Null
Yes, 198109		Yes	Surgery	Chemotherapy	Targeted Therapy
es, 198118/		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 198136	No	Yes	Targeted Therapy	Null	Surgery
Yes, 198190	No	Yes	Chemotherapy	Null	Radiation Therapy
Yes, 198206	No	Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 198233	No	Yes	Surgery	Immunotherapy	Surgery
Yes, 198251	Yes	Yes	Chemotherapy	Null	Targeted Therapy
Yes, 198321	Yes	No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 198330	No	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 198367	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 198385	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 198464		No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 198507		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
/es, 198516		Yes	Targeted Therapy	Radiation Therapy	Null
Yes, 198552		No	Targeted Therapy	Immunotherapy	Null
Yes, 198598		No	Targeted Therapy	Surgery	Targeted Therapy
Yes, 198613		Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 198622		Yes	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 198640		No	Radiation Therapy	Null	Radiation Therapy
Yes, 198668		Yes	Radiation Therapy	Chemotherapy	Surgery
Yes, 198710		Yes			Null
			Radiation Therapy	Immunotherapy	
Yes, 198756		No	Radiation Therapy	Targeted Therapy	Null
Yes, 198774		No	Radiation Therapy	Surgery	Immunotherapy
Yes, 198817		Yes	Chemotherapy	Surgery	Targeted Therapy
Yes, 198844		Yes	Targeted Therapy	Surgery	Radiation Therapy
Yes, 198862		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 198905		No	Immunotherapy	Null	Chemotherapy
Yes, 198914	No	No	Radiation Therapy	Null	Surgery

Yas, 198978 No         Yas         Radiation Therapy         Adjustment Therapy           Yas, 198978 No         Yes         Immunotherapy         Targeted Therapy         Null           Yas, 198978 No         Yes         Immunotherapy         Null         Null           Yas, 199022 Yes         Yes         Targeted Therapy         Null           Yas, 199026 Yes         No         Chernotherapy         Surgery         Targeted Therapy           Yas, 199027 Yes         No         Chernotherapy         Immunotherapy         Null           Yas, 199020 Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           Yas, 199120 Yes         Yes         Chenotherapy         Immunotherapy         Immunotherapy           Yas, 199120 Yes         Yes         Chenotherapy         Immunotherapy         Immunotherapy           Yas, 199137 Yes         Yes         Surgery         Surgery         Radiation Therapy           Yas, 19933 No         No         Radiation Therapy         Radiation Therapy           Yas, 19932 No         No         Radiation Therapy         Chemotherapy         Radiation Therapy           Yas, 199349 No         No         Radiation Therapy         Yas         Yas         Yas	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 199048 Ves         Ves         Immunotherapy         Null           Yes, 199048 Ves         Yes         Targeted Therapy         Null           Yes, 199082 Ves         Yes         Targeted Therapy         Null           Yes, 199087 Ves         Yes         Targeted Therapy         Null           Yes, 199080 Yes         No         Pean Redistion Therapy         Immunotherapy         Targeted Therapy           Yes, 19910 Yes         No         Radistion Therapy         Immunotherapy         Immunotherapy           Yes, 19911 Yes         No         Targeted Therapy         Himmunotherapy         Immunotherapy           Yes, 19913 Yes         Yes         Chemotherapy         Immunotherapy         Immunotherapy           Yes, 19913 Ne         Yes         As Surgery         Null         Chemotherapy         Surgery           Yes, 1992 Ne         Yes         Yes         Radistion Therapy         Null         Surgery         Radistion Therapy           Yes, 1992 Ne         No         Radistion Therapy         Null         Surgery         Radistion Therapy           Yes, 1993 Ne         No         Radistion Therapy         Radistion Therapy         Null         Radistion Therapy           Yes, 1994 Ne         No         Surgery	Yes, 198941	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 19893P Yes         Yes         Immunotherapy         Null           Yes, 199032 Yes         Yes         Targeted Therapy         Null           Yes, 19908P No         Yes         Targeted Therapy         Null           Yes, 19908P No         Yes         Rodistion Therapy         Immunotherapy         Targeted Therapy           Yes, 19911 Yes         No         Radistion Therapy         Immunotherapy         Null           Yes, 19912 Yes         Yes         Chemotherapy         Immunotherapy         Immunotherapy           Yes, 19913 Yes         Yes         Chemotherapy         Immunotherapy         Immunotherapy           Yes, 19915 Yes         No         Surgery         Null         Chemotherapy           Yes, 19913 No         No         Radistion Therapy         Null         Chemotherapy           Yes, 19913 No         No         Radistion Therapy         Null         Surgery           Yes, 19928 No         No         Radistion Therapy         Null         Surgery           Yes, 19938 No         No         Radistion Therapy         Null         Radistion Therapy           Yes, 19938 No         No         Radistion Therapy         Null         Radistion Therapy           Yes, 19938 No         No         <	Yes, 198978	No	Yes		Targeted Therapy	Radiation Therapy
Yes, 199062 Ves         No         Targeted Therapy         Mall           Yes, 199067 No         Yes         Reliation Therapy         Immunotherapy         Targeted Therapy           Yes, 199067 No         Yes         Reliation Therapy         Immunotherapy         Immunotherapy           Yes, 19911 Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 19913 Yes         Yes         Chemotherapy         Immunotherapy         Immunotherapy           Yes, 19913 No         No         Surgery         Nall         Chemotherapy         Immunotherapy           Yes, 19913 No         No         Radiation Therapy         Surgery         Radiation Therapy         Radiation Therapy           Yes, 19923 No         No         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 19924 No         No         Radiation Therapy         Radiation Therapy         Null           Yes, 19928 No         No         Radiation Therapy         Targeted Therapy         Null           Yes, 19928 No         No         Radiation Therapy         Targeted Therapy         Null           Yes, 19938 No         No         Radiation Therapy         Targeted Therapy         Null           Yes, 19948 No	Yes, 198987	Yes	Yes	Immunotherapy	Null	Null
Ves. 199069 Ves.         No.         Chemotherapy surpose         Surgery surpose         Targeted Therapy           Ves. 199012 Ves         No.         Radiation Therapy surpose         Immunotherapy surpose         Null           Ves. 199112 Ves         No.         Targeted Therapy surpose         Immunotherapy surpose         Null           Ves. 199139 Ves         Yes         Radiation Therapy surpose         Immunotherapy surpose         Surgery surpose           Ves. 199148 Ves         Yes         Radiation Therapy surpose         Null         Chemotherapy surpose           Ves. 199184 Ves         Yes         Radiation Therapy surpose         Null         Surgery         Radiation Therapy surpose           Ves. 199184 Ves         Yes         Radiation Therapy surpose         Null         Surgery         Radiation Therapy surpose           Ves. 199281 No         No         Chemotherapy         Null         Radiation Therapy surpose         Null           Ves. 199382 No         No         Surgery         Radiation Therapy surpose         Radiation Therapy surpose         Null           Ves. 19948 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy         Radiation Therapy           Ves. 19948 No         Yes         Radiation Therapy         Targeted Therapy	Yes, 199014	No	No	Chemotherapy	Targeted Therapy	Null
Ves. 190899 Ves         No         Chemotherapy         Surgery         Targeted Therapy           Ves. 190102 Ves         No         Realisation Therapy         Immunotherapy         Noll           Ves. 19011 Ves         No         Targeted Therapy         Immunotherapy         Noll           Ves. 19012 Ves         Ves         Chemotherapy         Immunotherapy         Immunotherapy           Ves. 19012 Ves         Ves         Chemotherapy         Immunotherapy         Immunotherapy           Ves. 19018 Ves         Ves         Radiation Therapy         Null         Chemotherapy         Immunotherapy           Ves. 19018 Ves         Ves         Rodiction Therapy         Null         Chemotherapy         Null           Ves. 19026 No         No         Chemotherapy         Null         Radiation Therapy         Null           Ves. 19028 No         No         Chemotherapy         Null         Radiation Therapy         Null           Ves. 19028 No         No         Surgery         Targeted Therapy         Surgery           Ves. 19032 No         No         Surgery         Targeted Therapy         Null           Ves. 19032 No         No         Surgery         Radiation Therapy         Null           Ves. 19032 No         <	Yes, 199032	Yes	Yes	Targeted Therapy	Radiation Therapy	Null
Yes, 1990807 No         Yes         Radiation Throrapy Immunotherapy         Targeted Throrapy         Targeted Throrapy         Targeted Throrapy         Targeted Throrapy         Targeted Throrapy         Mull P           Yes, 19911 Yes         No         Targeted Throrapy         Chemotherapy         Immunotherapy         Surgery           Yes, 199157 Yes         Yes         No         Surgery         Null         Chemotherapy           Yes, 199184 Yes         Yes         Radiation Throrapy         Null         Chemotherapy           Yes, 199184 Yes         Yes         Radiation Throrapy         Null         Surgery         Radiation Throrapy           Yes, 19938 No         No         Radiation Throrapy         Null         Surgery         Radiation Throrapy           Yes, 19938 No         No         Radiation Throrapy         Null         Surgery         Radiation Throrapy           Yes, 19938 No         No         Radiation Throrapy         Targeted Throrapy         Vull         Yes           Yes, 19938 No         No         Surgery         Targeted Throrapy         Yes         Yes           Yes, 19938 No         No         Pastistion Throrapy         Targeted Throrapy         Yes         Yes           Yes, 19938 No         Yes         Surgery	Yes, 199069	Yes	No			Targeted Therapy
Yes, 199102         Yes         No         Radiation Therapy         Chemotherapy         Mull           Yes, 199112         Yes         Yes         Chamotherapy         Immunotherapy         Immunotherapy           Yes, 199137         Yes         Yes         Chamotherapy         Immunotherapy         Immunotherapy           Yes, 199187         Yes         No         Surgery         Null         Chemotherapy           Yes, 199188         Yes         Yes         Radiation Therapy         Null         Surgery         Radiation Therapy           Yes, 199283         No         No         Chemotherapy         Null         Surgery         Radiation Therapy           Yes, 199284         No         No         Chemotherapy         Null         Radiation Therapy           Yes, 199285         No         No         Surgery         Targeted Therapy         Surgery           Yes, 199384         No         No         Surgery         Targeted Therapy         Yes           Yes, 199385         No         No         Surgery         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199485         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy         Ra			Yes			
Yes, 19910.1 Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 199137 Yes         Yes         Radiation Therapy         Immunotherapy           Yes, 199137 Yes         No         Surgery         Null         Chemotherapy           Yes, 199148 Yes         Yes         Radiation Therapy         Null         Surgery           Yes, 199139 No         No         Radiation Therapy         Null         Surgery           Yes, 199222 No         No         Radiation Therapy         Null         Radiation Therapy           Yes, 199330 No         No         Radiation Therapy         Null         Radiation Therapy           Yes, 199322 No         No         Ro         Radiation Therapy         Null         Radiation Therapy           Yes, 199330 No         No         Ro         Radiation Therapy         Null         Radiation Therapy           Yes, 199434 No         No         Surgery         Radiation Therapy         Handbert Therapy           Yes, 199435 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 19945 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 19945 No         No         <			No			
Yes, 199130 / Yes         Yes         Chemotherapy         Immunotherapy         Surgery           Yes, 199157 / Yes         No         Surgery         Null         Chemotherapy           Yes, 199157 / Yes         No         Surgery         Null         Chemotherapy           Yes, 199184 / Yes         Yes         Yes         Yes         Radiation Therapy         Surgery         Radiation Therapy           Yes, 199283 No         No         Chemotherapy         Null         Surgery         Null           Yes, 199283 No         No         Chemotherapy         Null         Radiation Therapy         Null           Yes, 199324 No         No         Surgery         Targeted Therapy         Surgery           Yes, 199324 No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199324 No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199458 No         Yes         Surgery         Radiation Therapy         Null           Yes, 199458 No         Yes         No         Radiation Therapy         Null           Yes, 199582 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199585 No         No <td< td=""><td></td><td></td><td>No</td><td></td><td></td><td>Immunotherapy</td></td<>			No			Immunotherapy
Yes, 199157         Yes         Rodiation Therapy         Immunotherapy         Immunotherapy           Yes, 199167         Yes         No         Surgery         Null         Chemotherapy           Yes, 199138         No         No         Radiation Therapy         Null         Surgery         Radiation Therapy           Yes, 199222         No         No         Radiation Therapy         Null         Radiation Therapy           Yes, 199324         No         No         Radiation Therapy         Null         Radiation Therapy           Yes, 199326         No         No         Radiation Therapy         Targeted Therapy         Chemotherapy           Yes, 199326         No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199343         No         No         Surgery         Null         Immunotherapy           Yes, 199449         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199454         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199455         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199648 <t< td=""><td>Yes, 199120</td><td>Yes</td><td>Yes</td><td></td><td></td><td></td></t<>	Yes, 199120	Yes	Yes			
Yes, 199157 Yes         No         Surgery         Null         Chemotherapy           Yes, 199183 No         No         Radiation Therapy         Surgery           Yes, 199503 No         No         Chemotherapy         Chemotherapy           Yes, 199922 No         No         Radiation Therapy         Null           Yes, 199324 No         No         Radiation Therapy         Surgery           Yes, 199324 No         No         Surgery         Radiation Therapy         Chemotherapy           Yes, 199324 No         No         Surgery         Radiation Therapy         Chemotherapy           Yes, 199324 No         No         Surgery         Radiation Therapy         Targeted Therapy         Chemotherapy           Yes, 199333 No         Yes         Surgery         Radiation Therapy         Targeted Therapy         Null         Immunotherapy           Yes, 199455 No         No         Radiation Therapy         Null         Surgery         Radiation Therapy           Yes, 199485 No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199484 No         Yes         Chemotherapy         Null         Chemotherapy           Yes, 199698 No         Yes         Radiation Therapy         Null         Chemoth			Yes			
Yes, 199134 Ves         Ves         Radiation Therapy         Surgery         Radiation Therapy         Null         Surgery           Yes, 199223 No         No         Chemotherapy         Chemotherapy         Null         Radiation Therapy         Null           Yes, 199221 No         No         Radiation Therapy         Null         Radiation Therapy         Null         Radiation Therapy         Yes, 199330 No         No         Radiation Therapy         Radiation Therapy         Chemotherapy         Yes, 199333 No         Yes         Surgery         Radiation Therapy         Radiation Therapy         Radiation Therapy         Radiation Therapy         Yes, 199333 No         Yes         Radiation Therapy         Yes, 199434 No         Yes         Radiation Therapy         Radiation T			No			
Yes, 1991-33         No         Radiation Therapy         Null         Surgery           Yes, 1992-27         No         No         Chemotherapy         Null         Radiation Therapy         Null           Yes, 1992-81         No         No         Surgery         Targeted Therapy         Surgery           Yes, 1993-82         No         No         Surgery         Radiation Therapy         Surgery           Yes, 1993-83         No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 1993-84         No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 1994-85         No         Yes         Radiation Therapy         Radiation Therapy         No           Yes, 1994-86         No         Yes         Radiation Therapy         No         Surgery           Yes, 1994-87         No         No         Radiation Therapy         No         Yes           Yes, 1994-88         No         Yes         Radiation Therapy         No         Yes           Yes, 1994-89         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 1994-80         No         Yes         Radiation Ther						
Yes, 199263 No         No         Chemotherapy         Chemotherapy         Null           Yes, 199281 No         No         Surgery         Targeted Therapy         Surgery           Yes, 199306 Yes         No         Radiation Therapy         Targeted Therapy         Chemotherapy           Yes, 199333 No         Yes         Surgery         Null         Immunotherapy           Yes, 199449 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199457 No         No         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199467 No         No         Radiation Therapy         Vall         Curgery           Yes, 199485 Yes         No         Immunotherapy         Null         Curgery           Yes, 199486 No         Yes         Chemotherapy         Vull         Chemotherapy         Radiation Therapy           Yes, 199582 No         Yes         Chemotherapy         Vargeted Therapy         Radiation Therapy         Null         Chemotherapy           Yes, 199683 No         Yes         Radiation Therapy         Null         Chemotherapy         Null           Yes, 199799 No         Yes         Radiation Therapy         Null         Radiation Therapy			No			
Yes, 199272 No         No         Radiation Therapy Value         Radiation Therapy Value         Radiation Therapy Value         Radiation Therapy Value         Surgery           Yes, 199324 No         No         Surgery         Radiation Therapy Targeted Therapy Value         No. Radiation Therapy Value         Targeted Therapy Value           Yes, 199324 No         No         Surgery         Null Immunotherapy         Null Immunotherapy           Yes, 199449 No         Yes         Radiation Therapy Radiation Therapy         Radiation Therapy Radiation Therapy           Yes, 199458 No         Yes         Immunotherapy Null         Surgery           Yes, 199485 No         No         Radiation Therapy Targeted Therapy Radiation Therapy Null         Chemotherapy           Yes, 199485 No         Yes         Chemotherapy Null         Chemotherapy           Yes, 199485 No         Yes         Radiation Therapy Targeted Therapy Radiation Therapy         Radiation Therapy Radiation Therapy           Yes, 199582 No         Yes         Radiation Therapy Null         Chemotherapy           Yes, 199698 No         Yes         Radiation Therapy Null         Chemotherapy           Yes, 199759 No         Yes         Radiation Therapy Null         Radiation Therapy Null           Yes, 199797 Yes         Yes         Surgery         Null						
Yes, 199306         No         Surgery         Targeted Therapy         Chemotherapy           Yes, 199324         No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199323         No         Yes         Surgery         Null         Immunotherapy           Yes, 199458         No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199467         No         No         Radiation Therapy         Radiation Therapy           Yes, 199468         No         No         Radiation Therapy         Radiation Therapy           Yes, 199467         No         No         Radiation Therapy         Radiation Therapy           Yes, 199468         No         Yes         Immunotherapy         Null           Yes, 199467         No         No         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199520         No         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 199643         No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199722         No         Yes         Radiation Therapy         Null         Null           Yes, 199989 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Yes, 199326 No         No         Radiation Therapy         Targeted Therapy         Chemotherapy           Yes, 199324 No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199438 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199458 No         Yes         Immunotherapy         Null         Surgery           Yes, 199467 No         No         Radiation Therapy         Radiation Therapy           Yes, 199485 Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 199486 Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 199487 No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199588 No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199698 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199728 No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 199898 No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199999 No         Yes         Radiation Therapy         Surgery         Null <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Yes, 199324 No         No         Surgery         Radiation Therapy         Targeted Therapy           Yes, 199333 No         Yes         Surgery         Null         Immunotherapy           Yes, 199458 No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199458 No         No         No         Radiation Therapy         Radiation Therapy           Yes, 199467 No         No         Radiation Therapy         Radiation Therapy           Yes, 199494 No         Yes         Chemotherapy         Null         Chemotherapy           Yes, 199634 No         No         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199638 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199638 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199639 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199643 No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199658 No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199664 No         Yes         Radiation Therapy         Radiation T						
Yes, 199333         No         Yes         Surgery         Null         Immunotherapy           Yes, 199449         No         Yes         Madiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199467         No         No         Radiation Therapy         Radiation Therapy           Yes, 199467         No         No         Radiation Therapy         Radiation Therapy           Yes, 199485         Yes         No         Yes         Chemotherapy         Radiation Therapy           Yes, 199485         Yes         No         Yes         Chemotherapy         Radiation Therapy           Yes, 199485         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199484         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199484         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199598         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199797         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199998         No         Yes						
Yes, 199449         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy         Ves. 199458         No         Yes         Immunotherapy         Null         Surgery         Yes, 199467         No         No         Radiation Therapy         Radiation Therapy         Radiation Therapy         Personance         Personance <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Yes, 199458         No         Yes         Immunotherapy         Null         Surgery           Yes, 199467         No         No         Radiation Therapy         Targeted Therapy         Radiation Therapy           Yes, 199484         No         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 199582         No         Yes         Radiation Therapy         Pageted Therapy           Yes, 199643         No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199589         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199681         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199727         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199759         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199959         No         Yes         Radiation Therapy         Yes         Surgery         Surgery           Yes, 199991         Yes         Yes         Surgery         Null         Surgery         Null           Yes, 200029         Yes         Yes						
Yes, 199467         No         Radiation Therapy         Targeted Therapy         Radiation Therapy           Yes, 199485         Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 199484         No         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 199582         No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199684         No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199698         No         Yes         Targeted Therapy         Null         Chemotherapy           Yes, 199698         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199729         No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 199759         No         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 199892         No         No         Chemotherapy         Radiation Therapy         Targeted Therapy           Yes, 199971         Yes         Surgery         Null         Surgery         Null           Yes, 200022         Yes         Yes         Surgery						
Yes, 199485         Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 199582         No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199584         No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199634         No         No         Radiation Therapy         Null         Chemotherapy           Yes, 199638         No         Yes         Targeted Therapy         Null         Chemotherapy           Yes, 199698         No         Yes         Radiation Therapy         Null         Chemotherapy           Yes, 199759         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199865         No         Yes         Radiation Therapy         Surgery         Surgery           Yes, 199895         No         Yes         Radiation Therapy         Surgery         Surgery           Yes, 199897         No         No         Chemotherapy         Radiation Therapy         Targeted Therapy           Yes, 199899         No         No         Surgery         Null         Targeted Therapy           Yes, 200022         Yes         Yes         Surgery         Null						
Yes, 199494 No Yes Chemotherapy Surgery Radiation Therapy Yes, 199582 No Yes Radiation Therapy Targeted Therapy Radiation Therapy Yes, 199634 No No Radiation Therapy Null Chemotherapy Yes, 199638 No Yes Targeted Therapy Null Chemotherapy Yes, 199638 No Yes Radiation Therapy Radiation Therapy Null Chemotherapy Yes, 199722 No Yes Surgery Radiation Therapy Null Radiation Therapy Yes, 199759 No Yes Radiation Therapy Null Radiation Therapy Yes, 199852 No Yes Immunotherapy Surgery Surgery Yes, 199882 No No Chemotherapy Radiation Therapy Targeted Therapy Yes, 199999 No No Surgery Null Surgery Yes, 199999 No No Surgery Null Surgery Yes, 200022 Yes Yes Surgery Radiation Therapy Null Surgery Yes, 200025 No Yes Radiation Therapy Radiation Therapy Null Yes, 200100 No No Surgery Radiation Therapy Null Yes, 200110 No No Surgery Surgery Immunotherapy Radiation Therapy Surgery Yes, 200226 No Yes Radiation Therapy Surgery Immunotherapy Radiation Therapy Res, 200226 No Yes Radiation Therapy Surgery Null Yes, 200226 No Yes Radiation Therapy Surgery Null Yes, 200244 No Yes Radiation Therapy Radiation Therapy Radiation Therapy Null Yes, 200280 Yes Yes Radiation Therapy Surgery Null Yes, 200240 No Yes Immunotherapy Surgery Null Yes, 200240 No Yes Immunotherapy Surgery Null Yes, 200240 Yes Yes Radiation Therapy Radiation Therapy Null Yes, 200240 No Yes Radiation Therapy Radiation Therapy Null Yes, 200240 Yes Yes Chemotherapy Radiation Therapy Null Yes, 200240 Yes Yes Radiation Therapy Radiation Therapy Null Yes, 200240 Yes Yes Radiation Therapy Radiation Therapy Null Yes, 200240 Yes Yes Radiation Therapy Radiation Therapy Null Yes, 200240 Yes Yes Immunotherapy Chemotherapy Chemotherapy Chemotherapy Hargeted Therapy Yes, 200344 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200444 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200444 No No Immunotherapy Chemotherapy Targeted Therapy						
Yes, 199582         No         Yes         Radiation Therapy         Targeted Therapy         Radiation Therapy         Null         Chemotherapy           Yes, 199634         No         Yes         Targeted Therapy         Null         Chemotherapy           Yes, 199638         No         Yes         Radiation Therapy         Null           Yes, 199722         No         Yes         Surgery         Radiation Therapy         Null           Yes, 199759         No         Yes         Radiation Therapy         Null         Radiation Therapy           Yes, 199805         No         Yes         Immunotherapy         Surgery         Surgery           Yes, 199891         No         No         Chemotherapy         Radiation Therapy         Targeted Therapy           Yes, 199991         Yes         Yes         Surgery         Null         Surgery           Yes, 199999         No         No         Surgery         Null         Targeted Therapy           Yes, 200022         Yes         Yes         Surgery         Null         Surgery           Yes, 200059         No         Yes         Radiation Therapy         Surgery         Null           Yes, 200100         No         Yes         Radiation Ther						
Yes, 199634 No No Radiation Therapy Null Chemotherapy Yes, 199643 No Yes Targeted Therapy Null Chemotherapy Yes, 199698 No Yes Radiation Therapy Radiation Therapy Null Yes, 199722 No Yes Surgery Radiation Therapy Radiation Therapy Yes, 199759 No Yes Radiation Therapy Null Radiation Therapy Yes, 199855 No Yes Immunotherapy Surgery Surgery Yes, 199885 No Yes Immunotherapy Radiation Therapy Yes, 199897 No No Chemotherapy Radiation Therapy Targeted Therapy Yes, 199999 No No Surgery Null Surgery Yes, 199999 No No Surgery Null Targeted Therapy Yes, 200022 Yes Yes Surgery Radiation Therapy Null Yes, 200080 Yes Yes Radiation Therapy Radiation Therapy Yes, 200100 No No Surgery Null Surgery Yes, 200110 No No Surgery Surgery Immunotherapy Yes, 200129 No Yes Radiation Therapy Immunotherapy Radiation Therapy Yes, 200129 No Yes Radiation Therapy Null Yes, 200129 No Yes Radiation Therapy Surgery Null Yes, 200120 No Yes Radiation Therapy Radiation Therapy Yes, 200120 No Yes Radiation Therapy Radiation Therapy Yes, 200120 No Yes Radiation Therapy Radiation Therapy Yes, 200226 No Yes Immunotherapy Radiation Therapy Radiation Therapy Yes, 200260 No No Targeted Therapy Surgery Targeted Therapy Yes, 200260 Yes Yes Targeted Therapy Surgery Targeted Therapy Yes, 200260 Yes Yes Immunotherapy Radiation Therapy Radiation Therapy Yes, 200260 Yes Yes Immunotherapy Null Null Yes, 200260 Yes Yes Immunotherapy Null Targeted Therapy Yes, 20034 No Yes Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200487 Yes Immunotherapy Null Targeted Therapy Yes, 200488 No No Immunotherapy Null Targeted Therapy						
Yes, 199643         No         Yes         Targeted Therapy         Null         Chemotherapy           Yes, 199722         No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 199759         No         Yes         Radiation Therapy         Radiation Therapy           Yes, 199865         No         Yes         Immunotherapy         Surgery         Surgery           Yes, 199892         No         No         Chemotherapy         Radiation Therapy         Targeted Therapy           Yes, 199971         Yes         Surgery         Null         Surgery           Yes, 199999         No         No         Surgery         Null         Targeted Therapy           Yes, 200022         Yes         Yes         Surgery         Null         Targeted Therapy           Yes, 200059         No         Yes         Surgery         Null         Surgery           Yes, 200100         No         Yes         Surgery         Null         Surgery           Yes, 200110         No         No         Surgery         Radiation Therapy         Radiation Therapy           Yes, 200129         Yes         Yes         Radiation Therapy         Null           Yes, 200226						
Yes, 199698       No       Yes       Radiation Therapy       Radiation Therapy       Null         Yes, 199722       No       Yes       Surgery       Radiation Therapy       Radiation Therapy         Yes, 19985       No       Yes       Immunotherapy       Surgery       Surgery         Yes, 199892       No       No       Chemotherapy       Radiation Therapy       Targeted Therapy         Yes, 199997       Yes       Surgery       Null       Surgery         Yes, 199999       No       No       Surgery       Null       Targeted Therapy         Yes, 200022       Yes       Surgery       Null       Surgery         Yes, 200059       No       No       Surgery       Null         Yes, 200059       No       Yes       Surgery       Null         Yes, 200059       No       Yes       Radiation Therapy       Null         Yes, 200059       No       Yes       Radiation Therapy       Null         Yes, 200059       No       No       Surgery       Immunotherapy         Yes, 200120       No       No       Surgery       Immunotherapy         Yes, 200120       No       Yes       Radiation Therapy       Null						
Yes, 199722 No Yes Surgery Radiation Therapy Radiation Therapy (Yes, 199759 No Yes Radiation Therapy Null Radiation Therapy (Yes, 199865 No Yes Immunotherapy Surgery Surgery Surgery (Yes, 199892 No No Chemotherapy Radiation Therapy Targeted Therapy (Yes, 199971 Yes Yes Surgery Null Surgery (Yes, 199999 No No Surgery Null Targeted Therapy (Yes, 200022 Yes Yes Surgery Radiation Therapy Null Surgery (Yes, 200059 No Yes Surgery Null Surgery (Yes, 200059 No Yes Radiation Therapy Radiation Therapy Surgery (Yes, 200110 No No Surgery Surgery Immunotherapy Radiation Therapy (Yes, 200129 No Yes Radiation Therapy Null (Yes, 200129 No Yes Chemotherapy (Yes, 200240 No Yes Immunotherapy Null (Yes, 200260 No Yes Immunotherapy Surgery Null (Yes, 200260 No Yes Radiation Therapy Null (Yes, 200260 No Yes Radiation Therapy Radiation Therapy Null (Yes, 200260 No Yes Radiation Therapy Radiation Therapy (Yes, 200260 No No Targeted Therapy Radiation Therapy (Yes, 200260 No No Targeted Therapy (Yes, 200280 Yes Yes Targeted Therapy (Yes, 200280 Yes Yes Immunotherapy (Yes, 200480 No No Immunotherapy (Yes, 200527 Yes Yes						
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Yes, 199865NoYesImmunotherapySurgerySurgeryYes, 199892NoNoChemotherapyRadiation TherapyTargeted TherapyYes, 199971YesYesSurgeryNullSurgeryYes, 29999NoNoSurgeryNullTargeted TherapyYes, 200022YesYesSurgeryRadiation TherapyNullYes, 200086YesYesRadiation TherapySurgeryYes, 200110NoNoSurgeryImmunotherapyYes, 200129NoYesRadiation TherapyRadiation TherapyYes, 200192YesYesChemotherapyNullYes, 200226NoYesImmunotherapyNullYes, 200244NoYesRadiation TherapyNullYes, 200280YesTargeted TherapyNullNullYes, 200314NoYesImmunotherapyRadiation TherapyYes, 200466YesYesImmunotherapyChemotherapyYes, 200484NoNoImmunotherapyChemotherapyYes, 200457YesImmunotherapyChemotherapyYes, 200484NoNoImmunotherapyChemotherapyYes, 200527YesImmunotherapyChemotherapyYes, 200527YesImmunotherapyChemotherapyYes, 200527YesImmunotherapyChemotherapyYes, 200527YesImmunotherapyChemotherapyYes, 200527YesImmunother						
Yes, 199892NoNoChemotherapyRadiation TherapyTargeted TherapyYes, 199971YesYesSurgeryNullSurgeryYes, 199999NoNoSurgeryNullTargeted TherapyYes, 200022YesYesSurgeryRadiation TherapyNullYes, 200059NoYesSurgeryNullSurgeryYes, 200086YesYesRadiation TherapySurgeryYes, 200110NoNoSurgeryImmunotherapyYes, 200129NoYesRadiation TherapyRadiation TherapyYes, 200192YesYesChemotherapyNullYes, 200226NoYesImmunotherapyNullYes, 200244NoYesRadiation TherapyNullYes, 2002260NoNoTargeted TherapyRadiation TherapyYes, 200280YesYesTargeted TherapyRadiation TherapyYes, 200314NoYesImmunotherapyImmunotherapyChemotherapyYes, 200484NoNoImmunotherapyChemotherapyTargeted TherapyYes, 200527YesImmunotherapyChemotherapyTargeted TherapyYes, 200527YesImmunotherapyNullTargeted Therapy						
Yes, 199971 Yes Yes Surgery Null Surgery Yes, 199999 No No Surgery Null Targeted Therapy Yes, 200022 Yes Yes Surgery Radiation Therapy Null Yes, 200059 No Yes Surgery Null Surgery Yes, 200086 Yes Yes Radiation Therapy Radiation Therapy Surgery Yes, 200110 No No Surgery Surgery Immunotherapy Yes, 200129 No Yes Radiation Therapy Immunotherapy Radiation Therapy Yes, 200129 Yes Yes Chemotherapy Chemotherapy Null Yes, 200226 No Yes Immunotherapy Surgery Null Yes, 200244 No Yes Radiation Therapy Radiation Therapy Radiation Therapy Yes, 200262 No No Targeted Therapy Radiation Therapy Yes, 200264 No Yes Immunotherapy Chemotherapy Radiation Therapy Yes, 200265 No No Targeted Therapy Radiation Therapy Yes, 200266 Yes Yes Immunotherapy Immunotherapy Chemotherapy Yes, 200314 No Yes Immunotherapy Immunotherapy Chemotherapy Yes, 200484 No No Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200527 Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Immunotherapy Null Targeted Therapy						
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Yes, 200059 No Yes Surgery Null Surgery Yes, 200086 Yes Yes Radiation Therapy Radiation Therapy Surgery Yes, 200110 No No Surgery Surgery Immunotherapy Yes, 200129 No Yes Radiation Therapy Immunotherapy Radiation Therapy Yes, 200192 Yes Yes Chemotherapy Chemotherapy Null Yes, 200226 No Yes Immunotherapy Surgery Null Yes, 200244 No Yes Radiation Therapy Null Null Yes, 200262 No No Targeted Therapy Radiation Therapy Radiation Therapy Yes, 200280 Yes Yes Targeted Therapy Surgery Targeted Therapy Yes, 200314 No Yes Immunotherapy Immunotherapy Chemotherapy Yes, 200466 Yes Yes Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Yes, 200484 No No Immunotherapy Chemotherapy Yes, 200527 Yes Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Immunotherapy Null Targeted Therapy						
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Yes, 200110 No No Surgery Surgery Immunotherapy Yes, 200129 No Yes Radiation Therapy Immunotherapy Radiation Therapy Yes, 200192 Yes Yes Chemotherapy Chemotherapy Null Yes, 200226 No Yes Immunotherapy Surgery Null Yes, 200244 No Yes Radiation Therapy Null Null Yes, 200262 No No Targeted Therapy Radiation Therapy Radiation Therapy Yes, 200262 No No Targeted Therapy Radiation Therapy Radiation Therapy Yes, 200280 Yes Yes Targeted Therapy Surgery Targeted Therapy Yes, 200314 No Yes Immunotherapy Immunotherapy Chemotherapy Yes, 200466 Yes Yes Immunotherapy Null Targeted Therapy Yes, 200484 No No Immunotherapy Chemotherapy Targeted Therapy Yes, 200527 Yes Yes Immunotherapy Null Targeted Therapy Yes, 200527 Yes Yes Immunotherapy Null Targeted Therapy						
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Yes, 200192YesYesChemotherapyChemotherapyNullYes, 200226NoYesImmunotherapySurgeryNullYes, 200244NoYesRadiation TherapyNullNullYes, 200262NoNoTargeted TherapyRadiation TherapyRadiation TherapyYes, 200280YesYesTargeted TherapySurgeryTargeted TherapyYes, 200314NoYesImmunotherapyImmunotherapyChemotherapyYes, 200466YesYesImmunotherapyNullTargeted TherapyYes, 200484NoNoImmunotherapyChemotherapyTargeted TherapyYes, 200527YesImmunotherapyNullTargeted Therapy						
Yes, 200226       No       Yes       Immunotherapy       Surgery       Null         Yes, 200244       No       Yes       Radiation Therapy       Null       Null         Yes, 200262       No       No       Targeted Therapy       Radiation Therapy       Radiation Therapy         Yes, 200280       Yes       Yes       Targeted Therapy       Surgery       Targeted Therapy         Yes, 200314       No       Yes       Immunotherapy       Chemotherapy         Yes, 200466       Yes       Yes       Immunotherapy       Null       Targeted Therapy         Yes, 200484       No       No       Immunotherapy       Chemotherapy       Targeted Therapy         Yes, 200527       Yes       Immunotherapy       Null       Targeted Therapy						
Yes, 200244       No       Yes       Radiation Therapy       Null       Null         Yes, 200262       No       No       Targeted Therapy       Radiation Therapy       Radiation Therapy         Yes, 200280       Yes       Yes       Targeted Therapy       Targeted Therapy         Yes, 200314       No       Yes       Immunotherapy       Chemotherapy         Yes, 200466       Yes       Yes       Immunotherapy       Null       Targeted Therapy         Yes, 200484       No       No       Immunotherapy       Chemotherapy       Targeted Therapy         Yes, 200527       Yes       Yes       Immunotherapy       Null       Targeted Therapy						
Yes, 200262       No       No       Targeted Therapy       Radiation Therapy         Yes, 200280       Yes       Yes       Targeted Therapy       Targeted Therapy         Yes, 200314       No       Yes       Immunotherapy       Chemotherapy         Yes, 200466       Yes       Yes       Immunotherapy       Null       Targeted Therapy         Yes, 200484       No       No       Immunotherapy       Chemotherapy       Targeted Therapy         Yes, 200527       Yes       Yes       Immunotherapy       Null       Targeted Therapy						
Yes, 200280 Yes     Yes     Targeted Therapy     Surgery     Targeted Therapy       Yes, 200314 No     Yes     Immunotherapy     Immunotherapy       Yes, 200466 Yes     Yes     Immunotherapy     Null     Targeted Therapy       Yes, 200484 No     No     Immunotherapy     Chemotherapy     Targeted Therapy       Yes, 200527 Yes     Yes     Immunotherapy     Null     Targeted Therapy       Targeted Therapy     Targeted Therapy	Yes, 200244	No	Yes		Null	Null
Yes, 200314     No     Yes     Immunotherapy     Chemotherapy       Yes, 200466     Yes     Yes     Immunotherapy     Null     Targeted Therapy       Yes, 200484     No     No     Immunotherapy     Chemotherapy     Targeted Therapy       Yes, 200527     Yes     Yes     Immunotherapy     Null     Targeted Therapy	Yes, 200262	No	No	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 200466     Yes     Yes     Immunotherapy     Null     Targeted Therapy       Yes, 200484     No     No     Immunotherapy     Chemotherapy     Targeted Therapy       Yes, 200527     Yes     Yes     Immunotherapy     Null     Targeted Therapy	Yes, 200280	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy
Yes, 200484       No       No       Immunotherapy       Chemotherapy       Targeted Therapy         Yes, 200527       Yes       Yes       Immunotherapy       Null       Targeted Therapy	Yes, 200314	No	Yes	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 200527 Yes Yes Immunotherapy Null Targeted Therapy	Yes, 200466	Yes	Yes	Immunotherapy	Null	Targeted Therapy
	Yes, 200484	No	No	Immunotherapy	Chemotherapy	Targeted Therapy
	Yes, 200527	Yes	Yes	Immunotherapy	Null	Targeted Therapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 200554	No	No	Immunotherapy	Immunotherapy	Surgery		
Yes, 200590	Yes	No	Chemotherapy	Immunotherapy	Surgery		
Yes, 200633	Yes	No	Targeted Therapy	Radiation Therapy	Targeted Therapy		
Yes, 200828	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy		
Yes, 200846	Yes	No	Chemotherapy	Null	Immunotherapy		
Yes, 201034	No	No	Targeted Therapy	Null	Targeted Therapy		
Yes, 201104	Yes	Yes	Chemotherapy	Radiation Therapy	Chemotherapy		
Yes, 201140	Yes	Yes	Immunotherapy	Radiation Therapy	Chemotherapy		
Yes, 201371	No	No	Targeted Therapy	Radiation Therapy	Radiation Therapy		
Yes, 201399	No	No	Chemotherapy	Radiation Therapy	Chemotherapy		
Yes, 201432	No	No	Targeted Therapy	Chemotherapy	Null		
Yes, 201441	No	Yes	Immunotherapy	Chemotherapy	Targeted Therapy		
Yes, 201478	Yes	Yes	Surgery	Immunotherapy	Targeted Therapy		
Yes, 201539	No	No	Chemotherapy	Null	Surgery		
Yes, 201618		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy		
Yes, 201645		Yes	Targeted Therapy	Chemotherapy	Surgery		
Yes, 201672		No	Surgery	Chemotherapy	Surgery		
Yes, 201803		No	Chemotherapy	Null	Targeted Therapy		
Yes, 201821		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy		
Yes, 201867		Yes	Targeted Therapy	Radiation Therapy	Null		
Yes, 201885		No	Targeted Therapy	Chemotherapy	Targeted Therapy		
Yes, 201946		Yes	Immunotherapy	Null	Immunotherapy		
Yes, 201955		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy		
Yes, 201982		No	Chemotherapy	Null	Targeted Therapy		
Yes, 202073		No	Immunotherapy	Surgery	Radiation Therapy		
Yes, 202134		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
Yes, 202152		Yes	Radiation Therapy	Radiation Therapy	Surgery		
Yes, 202161		Yes	Surgery	Chemotherapy	Chemotherapy		
Yes, 202170		Yes	Targeted Therapy	Null	Radiation Therapy		
Yes, 202189		Yes	Targeted Therapy	Null	Immunotherapy		
Yes, 202639		Yes	Chemotherapy	Null	Immunotherapy		
Yes, 202657		Yes	Surgery	Surgery	Targeted Therapy		
Yes, 202736		No	Chemotherapy	Targeted Therapy	Surgery		
Yes, 202763		No	Targeted Therapy	Surgery	Radiation Therapy		
Yes, 202888		Yes	Surgery	Null	Surgery		
		Yes	Immunotherapy	Immunotherapy	Chemotherapy		
Yes, 202985		No	Surgery	Null	Immunotherapy		
Yes, 203128		Yes	Chemotherapy	Surgery	Chemotherapy		
Yes, 203155		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy		
Yes, 203234		No	Radiation Therapy	Chemotherapy	Null		
Yes, 203313		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy		
Yes, 203331		Yes	Chemotherapy	Null	Targeted Therapy		
Yes, 203386		Yes	Radiation Therapy	Surgery	Null		
Yes, 203456		Yes	Chemotherapy	Chemotherapy	Surgery		
Yes, 203465		No	Targeted Therapy	Radiation Therapy	Radiation Therapy		
Yes, 203483		Yes	Targeted Therapy	Immunotherapy	Null		
Yes, 203492		No	Radiation Therapy	Immunotherapy	Chemotherapy		
Yes, 203535		Yes	Chemotherapy	Null	Radiation Therapy		
Yes, 203544		No	Radiation Therapy	Surgery	Immunotherapy		
. 55, 205544			. addition merapy	50. gci y			
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 203580	Yes	No	Chemotherapy	Immunotherapy	Immunotherapy	
Yes, 203599	Yes	No	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 203614	Yes	Yes	Targeted Therapy	Null	Null	
Yes, 203720	Yes	No	Immunotherapy	Null	Null	
Yes, 203775	Yes	No	Chemotherapy	Surgery	Chemotherapy	
Yes, 203845	Yes	Yes	Immunotherapy	Surgery	Chemotherapy	
Yes, 203881	No	Yes	Surgery	Targeted Therapy	Immunotherapy	
Yes, 203960	No	Yes	Radiation Therapy	Surgery	Targeted Therapy	
Yes, 204006	No	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 204015	No	Yes	Radiation Therapy	Chemotherapy	Null	
Yes, 204024	No	Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 204060	No	No	Radiation Therapy	Null	Radiation Therapy	
Yes, 204158	No	No	Immunotherapy	Chemotherapy	Null	
Yes, 204194	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 204255		Yes	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 204264		Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 204307		Yes	Chemotherapy	Immunotherapy	Null	
Yes, 204316		No	Targeted Therapy	Surgery	Surgery	
Yes, 204431		Yes	Radiation Therapy	Immunotherapy	Targeted Therapy	
Yes, 204459		Yes	Chemotherapy	Surgery	Radiation Therapy	
Yes, 204486		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 204501		No	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 204626		No	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 204635		Yes	Surgery	Surgery	Surgery	
Yes, 204662		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
Yes, 204671		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 204699		No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 204705		No	Surgery	Null	Surgery	
Yes, 204714		No	Immunotherapy	Null	Chemotherapy	
Yes, 204723		No	Chemotherapy	Chemotherapy	Targeted Therapy	
Yes, 204741		No	Surgery	Surgery	Immunotherapy	
Yes, 204802		Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 204820		No	Radiation Therapy	Radiation Therapy	Null	
Yes, 204839		Yes	Radiation Therapy	Chemotherapy	Null	
Yes, 204848		No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 204857		No	Surgery	Chemotherapy	Chemotherapy	
Yes, 204936		No	Targeted Therapy	Surgery	Surgery	
Yes, 204945		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
Yes, 204981		No	Chemotherapy	Targeted Therapy	Radiation Therapy	
Yes, 204990		No	Immunotherapy	Null	Surgery	
Yes, 205027		Yes	Targeted Therapy	Null	Null	
Yes, 205054		No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
Yes, 205531		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 205559		Yes	Surgery	Surgery	Chemotherapy	
Yes, 205717		No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 205726		No	Targeted Therapy	Null	Targeted Therapy	
Yes, 205957		No	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 206011		No	Targeted Therapy	Chemotherapy	Surgery	
Yes, 206084		Yes	Chemotherapy	Immunotherapy	Immunotherapy	
103, 200004	. 10		спетноспетару	manocherapy		
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Na. 20042 No. 90 Surgery No. 10 Surgery No. 10 No. 199324 Though Immunitarizery Centrology No. 20042 No. 20042 No. 10 No. 199324 Though Immunitarizery Centrology No. 20042 No.	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
New   Model   No	Yes, 206154	No	No	Surgery	Surgery	Chemotherapy		
Vis. 20022-19 In Vis. 20022-19 Vis. 20 Vis. 20022-19 Vis. 20022	Yes, 206172	Yes	No	Surgery	Null	Null		
VR., 2002-28   Vol. 100         VR. 2002-28   Vol. 100         VR. 2002-29   Vol. 100         Surgery         Surgery           VR., 2002-29   Vol. 2002-29   Vol. 2002-29   Vol. 2002-20   Vol	Yes, 206181	No	No	Targeted Therapy	Immunotherapy	Chemotherapy		
VR. 200500 No.	Yes, 206215	No	Yes	Radiation Therapy	Surgery	Targeted Therapy		
Va., 2004-18 Pol. Vol. 2004-19 Vol	Yes, 206224	No	Yes	Targeted Therapy	Targeted Therapy	Surgery		
Va. Named. West         Vest         Surgery         Mult         Relation Thangy           Va. 20062 No.         Vest         Surgery         All Controllerance         Controllerance         Controllerance         Controllerance         Controllerance           Vest. 20065 No.         Vest         No.         Controllerance         Controllerance         Controllerance         Controllerance           Vest. 20065 No.         No.         Controllerance         Controllerance         Controllerance         Controllerance         Controllerance           Vest. 20065 No.         No.         No.         Controllerance         Controllerance         No.           Vest. 20065 No.         No.         Controllerance         Controllerance         No.         No.           Vest. 20065 No.         No.         No.         Cherotherance         No.         No.         No.           Vest. 20065 No.         No.         No.         Cherotherance         Controllerance	Yes, 206358	No	No	Immunotherapy	Null	Surgery		
Vox., 2004/20 No.         Vox. 5 Surgery         Multi Number of Surgery         Surgery Surgery         Multi Number of Surgery         Surgery         Surgery         Multi Number of Surgery         Surgery         Surgery         Multi Number of Surgery         Surgery         Surgery         Multi Number of Surgery	Yes, 206419	No	No	Surgery	Surgery	Null		
Vs., 200502         No.         No. Charmblarange         Charmblarange         Charmblarange         Charmblarange           Vs., 200502         Ys.         No.         Charmblarange         Charmblarange         No.         Charmblarange         No.         Charmblarange         No.	Yes, 206428	Yes	Yes	Chemotherapy	Null	Radiation Therapy		
Vex. 2005.27 Yes         Vex. No. 2005.20 Yes         Vex. Packed Temps	Yes, 206446	Yes	Yes	Surgery	Null	Radiation Therapy		
VR. 200528 Yes         No         Rapisat Therapy         Targetal Therapy         Sulface Name         Paragetal Therapy         Sulface Name         Paragetal Therapy         Sulface Name         Sulf	Yes, 206482	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy		
Vis. 2009-28 No.         No.         Targetof memory         Sanatasin Through           Vis. 2009-28 No.         No.         Chemotherapy         Null           Vis. 2009-28 No.         No.         Chemotherapy         Null           Vis. 2009-28 No.         No.         Radiation Therapy         Surgery           Vis. 2009-28 No.         No.         Radiation Therapy         Surgery         Chemotherapy           Vis. 2009-28 No.         No.         Surgery         Normal Chemotherapy         Null         Chemotherapy           Vis. 2009-28 No.         Yes         Traject Through         Null         Chemotherapy           Vis. 2009-28 No.         Yes         Radiation Therapy         Null         Chemotherapy           Vis. 2009-28 No.         Yes         Bankton Therapy         Surgery           Vis. 2009-28 No.         Yes         Inmunotherapy         Surgery           Vis. 2009-29 No.         Yes         Inmunotherapy         Surgery           Vis. 2009-29 No. <td>Yes, 206507</td> <td>Yes</td> <td>No</td> <td>Chemotherapy</td> <td>Chemotherapy</td> <td>Surgery</td> <td></td> <td></td>	Yes, 206507	Yes	No	Chemotherapy	Chemotherapy	Surgery		
Vex. 200623 No.         Vex.         Chembhrapy Nall         Surger           Vex. 200623 No.         No.         Chembhrapy Nall         Surgery           Vex. 200628 No.         No.         Rediction Francy Surgery         Chembhrapy Surgery           Vex. 200628 No.         No.         Surgery         Chembhrapy Surgery           Vex. 200638 No.         Yes         Targeted Francy Nall         Chembhrapy Nall           Vex. 200638 No.         Yes         Chambrapy Nall         Immunethrapy           Vex. 200638 No.         Yes         Chambrapy Nall         Chembhrapy           Vex. 200638 No.         Yes         Surgery         Immunethrapy           Vex. 200638 No.         Yes         Rediction Francy         Chembhrapy         Immunethrapy           Vex. 200638 No.         Yes         Rediction Francy         Chembhrapy Immunethrapy         Immunethrapy           Vex. 200638 No.         Yes         Rediction Francy         Nall         Immunethrapy           Vex. 200738 No.         Yes         Chembhrapy Immunethrapy         Nall         Yes           Vex. 200738 No.         Yes         Yes         Nall         Yes           Vex. 200738 No.         Yes         Yes         Yes         Yes           Vex.	Yes, 206525	Yes	Yes	Radiation Therapy	Targeted Therapy	Null		
Yes, 200622 Yes         Yes         Chenotherapy         Null         Surgery           Yes, 200631 No         No         Radistion Therapy         Syrapy         Chenotherapy         Chenotherapy           Yes, 200635 No         No         Radistion Therapy         Syrapy         Chenotherapy           Yes, 200635 No         Yes         Targetad Thurapy         Null         Immunotherapy           Yes, 200635 No         Yes         Yes         Surgery         Immunotherapy           Yes, 200635 No         Yes         Yes         Surgery         Immunotherapy           Yes, 200635 No         Yes         Surgery         Immunotherapy           Yes, 200631 No         Yes         Surgery         Immunotherapy           Yes, 200641 No         Yes         Targetad Thurapy         Immunotherapy           Yes, 200745 No         No         Immunotherapy         Immunotherapy           Yes, 200745 No         Yes         Yes         Yes           Yes, 200745 No         Yes         Yes         Yes           Yes, 200725 No         Yes         Yes         Yes           Yes, 200726 No         Yes         Yes         Yes           Yes, 200727 No         Yes         Yes         Yes	Yes, 206589	No	No	Targeted Therapy	Targeted Therapy	Radiation Therapy		
Vex. 2,00825 II No         No         Chemotherapy Suppory         Suppory Chemotherapy         Chemotherapy           Vex. 2,00825 II No         No         Surgery         Chemotherapy         Chemotherapy           Vex. 2,00825 II No         Vex. 1 argetad Therapy         Null         Chemotherapy           Vex. 2,00825 II No         Vex. 2         Chemotherapy         Null         Chemotherapy           Vex. 2,00825 II No         Vex. 3         Chemotherapy         Chemotherapy         Chemotherapy           Vex. 2,00826 II No         Vex. 3         Grapts         Chemotherapy         Chemotherapy           Vex. 2,00826 II No         Vex. 3         Grapts         Chemotherapy         Chemotherapy           Vex. 2,00826 II No         Vex. 3         Radiation Therapy         Chemotherapy         Chemotherapy           Vex. 2,00826 II No         No         Immunotherapy         Null         Surgery           Vex. 2,00726 II No         Vex. 3         Targeted Therapy         Immunotherapy         Null           Vex. 2,00728 II No         No         Surgery         Null         Chemotherapy         Null           Vex. 2,0728 II No         No         Immunotherapy         Null         Chemotherapy         Null           Vex. 2,0728 II No <t< td=""><td>Yes, 206613</td><td>No</td><td>No</td><td>Chemotherapy</td><td>Surgery</td><td>Null</td><td></td><td></td></t<>	Yes, 206613	No	No	Chemotherapy	Surgery	Null		
Vex. 20.59783 No.         No.         Burgery (hemotherapy of Lemotherapy of Largeted Throapy)         1.7 Throat Market (Market)           Vex. 20.5983 No.         Ves.         Taysoft Throat (Market)         Null (Immunotherapy of Largeted Throapy)           Vex. 20.5982 No.         Ves.         Surgery (Immunotherapy of Largeted Throapy)         Vernotherapy of Largeted Throapy of Lar	Yes, 206622	Yes	Yes	Chemotherapy	Null	Surgery		
Vas. D6838 No.         No.         Vas. Padesta No. <t< td=""><td>Yes, 206631</td><td>No</td><td>No</td><td>Chemotherapy</td><td>Radiation Therapy</td><td>Surgery</td><td></td><td></td></t<>	Yes, 206631	No	No	Chemotherapy	Radiation Therapy	Surgery		
Vex. 200535 No.         Ves         Torseted Thoragy.         Null         Centerberry.           Vex. 200507 No.         Ves         Ves         Chemotheragy.         Null         Immunotheragy.           Vex. 200508 No.         Ves         Saliston thragy.         Chemotheragy.         Chemotheragy.           Vex. 200508 No.         Ves         Saliston thragy.         Chemotheragy.         Immunotheragy.           Vex. 200509 No.         No.         Immunotheragy.         Immunotheragy.         Immunotheragy.           Vex. 200708 No.         Ves         Immunotheragy.         Immunotheragy.           Vex. 200728 No.         No.         Immunotheragy.         Null.         Separage.           Vex. 200728 No.         No.         Immunotheragy.         Null.         Separage.           Vex. 200728 No.         No.	Yes, 206695	No	No	Radiation Therapy	Surgery	Chemotherapy		
Yes, 200932 No.         Yes         Chemotherapy         Mull immunotherapy         Chemotherapy         Chemotherapy<	Yes, 206783	No	No	Surgery	Chemotherapy	Targeted Therapy		
Yes, 206932 No.         Yes         Surgery         Immunotherapy         Chemotherapy         Chemotherapy           Yes, 206941 No.         Yes         Radiation Therapy         Chemotherapy         Surgery           Yes, 206958 No.         No.         Immunotherapy         Mull         Surgery           Yes, 207041 No.         Yes         Chemotherapy         Immunotherapy         Surgery           Yes, 20736 No.         No.         Surgery         Targeted Therapy         Immunotherapy           Yes, 20726 No.         No.         Surgery         Targeted Therapy         Immunotherapy           Yes, 20726 No.         No.         Surgery         Targeted Therapy         Immunotherapy           Yes, 20728 No.         No.         Immunotherapy         Mull         Chemotherapy           Yes, 20738 No.         No.         Immunotherapy         Null         Chemotherapy           Yes, 20738 No.         No.         Surgery         Radiation Therapy           Yes, 20738 No.         No.         Surgery         Null         Chemotherapy           Yes, 20738 No.         No.         Surgery         Null         Null           Yes, 20738 No.         No.         Surgery         Null         Null           Ye	Yes, 206835	No	Yes	Targeted Therapy	Null	Chemotherapy		
Yes, 208942 No         Yes         Rollation Therapy         Chemotherapy         Surgery           Yes, 208946 No         No         Immunotherapy         Null         Surgery           Yes, 207941 No         Yes         One Onthorapy         Null         Surgery           Yes, 207942 No         Yes         One Onthorapy         Immunotherapy         Null         Surgery           Yes, 20725 No         Yes         Yes         Immunotherapy         Null         Targeted Therapy           Yes, 20726 No         No         Surgery         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 20728 No         No         Immunotherapy         Pull         Surgery         Radiation Therapy           Yes, 20728 No         No         Immunotherapy         Pull         Surgery         Radiation Therapy           Yes, 20738 No         No         Targeted Therapy         Null         Chemotherapy         Null         Nu	Yes, 206905	Yes	Yes	Chemotherapy	Null	Immunotherapy		
Yes, 20994 No.         Yes         Targeted Therapy         Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy         Surgery           Yes, 20794 No.         Yes         Chemotherapy         Immunotherapy         Surgery           Yes, 20793 No.         Yes	Yes, 206923	No	Yes	Surgery	Immunotherapy	Chemotherapy		
V8. 207961 No         No         Immunotherapy         Null         Surgey           V8. 20702 Yes         Yes         Chemotherapy         Immunotherapy         Null         Targeted Therapy           V8. 207128 Yes         Yes         No         Surgery         Targeted Therapy         Immunotherapy           V8. 20728 No         No         Surgery         Targeted Therapy         Immunotherapy         Null           V8. 20728 No         No         Immunotherapy         Null         Surgery           V8. 20728 No         No         Immunotherapy         Null         Surgery           V8. 20738 No         No         Immunotherapy         Null         Surgery           V8. 20738 No         Yes         Chemotherapy         Null         Null           V8. 20738 No         No         Surgery         Radiation Therapy         Null           V8. 20738 No         No         Targeted Therapy         Immunotherapy         Immunotherapy           V8. 20738 No         No         Targeted Therapy         Immunotherapy         Immunotherapy           V8. 20738 No         No         Surgery         Null         Null           V8. 20736 No         Yes         Radiation Therapy         Immunotherapy <t< td=""><td>Yes, 206932</td><td>No</td><td>Yes</td><td>Radiation Therapy</td><td>Chemotherapy</td><td>Surgery</td><td></td><td></td></t<>	Yes, 206932	No	Yes	Radiation Therapy	Chemotherapy	Surgery		
Ves. 2001 1 No         Ves         Chemotherapy         Immunotherapy         Surgery           Ves. 2002 1 Ves         Yes         Immunotherapy         Null         Targeted Therapy           Ves. 2002 3 No         No         Surgery         Targeted Therapy         Immunotherapy         Null           Ves. 2007 28 No         No         Immunotherapy         Mull         Surgery           Ves. 2007 28 No         No         Immunotherapy         Null         Surgery           Ves. 2007 28 No         No         Immunotherapy         Null         Chemotherapy           Ves. 2007 28 No         No         Surgery         Null         Chemotherapy           Ves. 2007 28 No         No         Surgery         Null         Null           Ves. 2007 28 No         No         Surgery         Null         Null           Ves. 2007 28 No         No         Immunotherapy         Null         Null           Ves. 2007 28 No         No         Immunotherapy         Null         Null           Ves. 2007 28 No         No         Immunotherapy         Null         Null           Ves. 2007 28 No         No         Radiation Therapy         Null         Null           Ves. 2007 28 No         No	Yes, 206941	No	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy		
Ves         Ves         Immuncherapy         Nul         argeted Therapy           Ves         207228         Ves         Surgery         Torgeted Therapy         Immuncherapy         Nul           Ves         207288         Ves         No         Immuncherapy         Nul         Immuncherapy         Nul           Ves         207288         Ves         No         Immuncherapy         Nul         Ves         Ves         Ves         Ves         Ves         Centherapy         Addition Therapy         Nul         Ves	Yes, 206996	No	No	Immunotherapy	Null	Surgery		
Ves., 207226   Ves         No         Surgery         Targeted Therapy         Immunotherapy         Immunotherapy         Immunotherapy         Mull         Pers., 20726   Ves         No         Immunotherapy         Mull         Surgery               Yes, 207281   Ves             No             Immunotherapy             Mull             Surgery               Yes, 207342   Ves             Yes             Chemotherapy             Null             Chemotherapy               Yes, 207342   Ves             Yes             Chemotherapy             Null             Chemotherapy               Yes, 207342   Ves             No             Surgery             Radiation Therapy             Null               Yes, 207345   Yes             No             Targeted Therapy             Immunotherapy             Immunotherapy               Yes, 207381   Yes             No             Targeted Therapy             Immunotherapy             Immunotherapy               Yes, 207458   Yes             No             Surgery             Null             Null               Yes, 207580   Yes             No             Genotherapy             Null               Yes, 207681   Yes             Yes             Targeted Therapy             Null             Yes <t< td=""><td>Yes, 207041</td><td>No</td><td>Yes</td><td>Chemotherapy</td><td>Immunotherapy</td><td>Surgery</td><td></td><td></td></t<>	Yes, 207041	No	Yes	Chemotherapy	Immunotherapy	Surgery		
Ves. 207254 Ves         Ves. Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy         Radiaton Therapy           Ves. 207324 Ves. Ves. Ves. Ves. Ves. Ves. Ves. Ves.	Yes, 207102	Yes	Yes	Immunotherapy	Null	Targeted Therapy		
V8.         V8.         No.         Immunotherapy         Chemotherapy         Addition Therapy           V8.         207281         V8.         No.         Immunotherapy         Vull         Surgey           V8.         207342         V8.         Y8.         Chemotherapy         Vull         Chemotherapy           V8.         207342         V8.         No.         Gurgety         Radiation Therapy         Mull         Chemotherapy           V8.         207342         No.         Targeted Therapy         Immunotherapy         Immunotherapy         Immunotherapy           V8.         207343         V8.         No.         Targeted Therapy         Mull         Null         Null         Augustable Therapy         Null         Augustable Therapy         Null         Augustable Therapy         Augustable Therapy         Null         Augustable Therapy	Yes, 207236	No	No	Surgery	Targeted Therapy	Immunotherapy		
Yes         Ves         No         Immunotherapy         Null         Surgery           Yes         Yes         Yes         Chemotherapy         Null         Chemotherapy           Yes         207324         Yes         No         No         Surgery         Radiation Therapy         Null           Yes         207381         Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy         Immunotherapy           Yes         207388         Yes         No         Targeted Therapy         Null         Auditor           Yes         207488         Yes         No         Surgery         Null         Targeted Therapy           Yes         207489         Yes         No         Surgery         Null         Targeted Therapy           Yes         207480         Yes         No         Chemotherapy         Immunotherapy         Null           Yes         207681         Yes         Red         Immunotherapy         Immunotherapy         Immunotherapy           Yes         207858         Yes         No         Yes         Targeted Therapy         Yes         Yes         Targeted Therapy         Yes         Yes         Targeted Therapy         Yes         Ye	Yes, 207254	Yes	Yes	Targeted Therapy	Immunotherapy	Null		
Yes, 207324         Yes         Yes         Chemotherapy         Mull         Chemotherapy           Yes, 207345         No         No         Surgery         Radiation Therapy         Mull         Mull           Yes, 207345         Yes         No         Targeted Therapy         Mull         Mull           Yes, 207346         Yes         No         Immunotherapy         Mull         Mull           Yes, 207347         Yes         No         Surgery         Mull         Yes           Yes, 207348         Yes         No         Surgery         Mull         Targeted Therapy           Yes, 207348         Yes         No         Surgery         Mull         Targeted Therapy           Yes, 207548         Yes         No         Chemotherapy         Munotherapy         Radiation Therapy         Auglation Therapy           Yes, 207640         Yes         Rod         Immunotherapy         Mull         Hemotherapy           Yes, 207640         Yes         Targeted Therapy         Mull         Hemotherapy           Yes, 207640         Yes         Targeted Therapy         Hull         Hemotherapy           Yes, 207640         Yes         No         Targeted Therapy         Hull	Yes, 207263	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy		
Yes, 207342         No         No         Surgety         Radiation Therapy         Null           Yes, 207351         Yes         No         Targeted Therapy         Mull         Null           Yes, 207388         Yes         No         Immunotherapy         Targeted Therapy         Null           Yes, 207387         Yes         No         Surgery         Mull         Targeted Therapy           Yes, 207388         Yes         No         Surgery         Mull         Targeted Therapy           Yes, 207488         Yes         No         Chenotherapy         Mull         Targeted Therapy           Yes, 207587         No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 207667         Yes         Radiation Therapy         Mull         Pargeted Therapy           Yes, 207689         Yes         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 207896         Yes         Radiation Therapy         Null         Yes           Yes, 207897         No         Radiation Therapy         Null         Yes           Yes, 207898         Yes         No         Radiation Therapy         Null         Yes           Yes, 207898	Yes, 207281	Yes	No	Immunotherapy	Null	Surgery		
Yes, 207351         Yes         No         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 207403         Yes         Yes         Targeted Therapy         Null         Null           Yes, 207405         Yes         No         Immunotherapy         Immunotherapy         Targeted Therapy           Yes, 207458         Yes         No         Surgery         Null         Targeted Therapy           Yes, 207587         No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 207697         No         Yes         Radiation Therapy         Null         Addiation Therapy           Yes, 207698         No         Yes         Radiation Therapy         Unmunotherapy         Immunotherapy         Immunotherapy           Yes, 207698         No         Yes         Targeted Therapy         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 207958         Yes         No         Radiation Therapy         Null         Cemotherapy           Yes, 207959         No         No         Radiation Therapy         Null         Parageted Therapy         Null           Yes, 207959         No         No         Immunotherapy         Radiation Therapy         Immunoth	Yes, 207324	Yes	Yes	Chemotherapy	Null	Chemotherapy		
Yes, 207388         Yes         Targeted Therapy         Null         Null           Yes, 207403         Yes         No         Immunotherapy         Targeted Therapy           Yes, 207458         Yes         No         Surgery         Null         Targeted Therapy           Yes, 207582         No         No         Chemotherapy         Mull         Targeted Therapy           Yes, 207582         No         No         Chemotherapy         Mull         Mull           Yes, 207583         No         Yes         Radiation Therapy         Adiation Therapy         Null           Yes, 207584         Yes         Immunotherapy         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 207585         Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 207856         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 207856         Yes         No         Radiation Therapy         Null         Yes           Yes, 207956         Yes         No         Immunotherapy         Chemotherapy         Null           Yes, 208056         Yes         No         Immunotherapy         Null	Yes, 207342	No	No	Surgery	Radiation Therapy	Null		
Yes, 207403         Yes         No         Immunotherapy         Targeted Therapy           Yes, 207458         Yes         No         Surgery         Null         Targeted Therapy           Yes, 207582         No         No         Chemotherapy         Immunotherapy         Radiation Therapy           Yes, 207607         No         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 207607         Yes         Radiation Therapy         Radiation Therapy         Null           Yes, 207608         Yes         Immunotherapy         Chemotherapy         Immunotherapy           Yes, 207689         No         Yes         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 20784         No         Yes         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 20785         Yes         No         Radiation Therapy         Null         Null           Yes, 20785         No         No         Targeted Therapy         Radiation Therapy           Yes, 20802         Yes         No         Immunotherapy         Chemotherapy           Yes, 20803         Yes         No         Immunotherapy         Null           Yes, 20803         Yes </td <td>Yes, 207351</td> <td>Yes</td> <td>No</td> <td>Targeted Therapy</td> <td>Targeted Therapy</td> <td>Immunotherapy</td> <td></td> <td></td>	Yes, 207351	Yes	No	Targeted Therapy	Targeted Therapy	Immunotherapy		
Yes, 207458         Yes         No         Surgery         Null         Targeted Therapy           Yes, 207582         No         No         Chemotherapy         Immunotherapy         Radiation Therapy         Null           Yes, 207661         Yes         Yes         Immunotherapy         Immunotherapy         Null           Yes, 207681         Yes         Yes         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 207688         No         Yes         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 207856         Yes         No         Radiation Therapy         Immunotherapy         Targeted Therapy           Yes, 207856         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 207935         No         No         Targeted Therapy         Null         Property Chemotherapy         Null           Yes, 207945         Yes         No         No         Immunotherapy         Null         Property Chemotherapy         Null           Yes, 20805         Yes         No         Immunotherapy         Null         Property Chemotherapy         Immunotherapy           Yes, 20805         Yes         Yes         Surgery         Null	Yes, 207388	Yes	Yes	Targeted Therapy	Null	Null		
Yes, 207582         No         No         Chemotherapy         Immunotherapy         Radiation Therapy         Radiation Therapy         Radiation Therapy         Null           Yes, 207661         Yes         Yes         Immunotherapy         Immunotherapy         Chemotherapy           Yes, 207689         No         Yes         Targeted Therapy         Immunotherapy         Immunotherapy           Yes, 207740         No         Yes         Immunotherapy         Immunotherapy         Targeted Therapy           Yes, 207856         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 207935         No         No         Targeted Therapy         Null         Null           Yes, 207942         No         No         Immunotherapy         Chemotherapy         Null           Yes, 208056         Yes         No         Immunotherapy         Null         Null           Yes, 208036         Yes         Yes         Surgery         Surgery         Null           Yes, 208045         Yes         Yes         Surgery         Surgery         Null           Yes, 208058         Yes         Yes         Surgery         Null           Yes, 208069         Yes         Yes <td>Yes, 207403</td> <td>Yes</td> <td>No</td> <td>Immunotherapy</td> <td>Immunotherapy</td> <td>Targeted Therapy</td> <td></td> <td></td>	Yes, 207403	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 2076of Vo.YesRadiation TherapyRadiation TherapyNullYes, 2076b1 YesYesImmunotherapyImmunotherapyChemotherapyYes, 207689 NoYesTargeted TherapyImmunotherapyImmunotherapyYes, 207704 NoYesImmunotherapyImmunotherapyTargeted TherapyYes, 207856 YesNoRadiation TherapyNullChemotherapyYes, 207935 NoNoTargeted TherapyNullMullYes, 207962 NoNoImmunotherapyChemotherapyNullYes, 20805 YesNoImmunotherapyNullNullYes, 20805 YesYesSurgeryNullMullYes, 20805 YesYesSurgeryNullMullYes, 20805 YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 20805 YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 20805 YesYesTargeted TherapyImmunotherapyYes, 20805 YesYesTargeted TherapyImmunotherapy	Yes, 207458	Yes	No	Surgery	Null	Targeted Therapy		
Yes, 207661YesImmunotherapyImmunotherapyChemotherapyYes, 207689NoYesTargeted TherapyImmunotherapyYes, 207704NoYesImmunotherapyImmunotherapyYes, 207856YesNoRadiation TherapyNullYes, 207935NoNoTargeted TherapyNullYes, 207962NoNoImmunotherapyChemotherapyYes, 208056YesNoImmunotherapyRadiation TherapyYes, 208056YesNoImmunotherapyNullYes, 208057YesImmunotherapyNullYes, 208058YesYesSurgeryNullYes, 208059YesYesSurgeryNullYes, 208059YesYesTargeted TherapyImmunotherapyYes, 208059YesTargeted TherapyImmunotherapyYes, 208059YesTargeted TherapyImmunotherapyYes, 208059YesRadiation TherapyImmunotherapy	Yes, 207582	No	No	Chemotherapy	Immunotherapy	Radiation Therapy		
Yes, 207689NoYesTargeted TherapyImmunotherapyImmunotherapyYes, 207704NoYesImmunotherapyTargeted TherapyYes, 207856YesNoRadiation TherapyNullChemotherapyYes, 207935NoNoTargeted TherapyNullYes, 207962NoNoImmunotherapyChemotherapyRadiation TherapyYes, 208026YesNoImmunotherapyNullYes, 208035NoYesImmunotherapyImmunotherapyYes, 208036YesYesSurgerySurgeryYes, 208040YesTargeted TherapyImmunotherapyYes, 20805YesTargeted TherapyImmunotherapyYes, 20805YesTargeted TherapyImmunotherapyYes, 20806YesTargeted TherapyImmunotherapy	Yes, 207607	No	Yes	Radiation Therapy	Radiation Therapy	Null		
Yes, 207704NoYesImmunotherapyImmunotherapyTargeted TherapyYes, 207856YesNoRadiation TherapyNullChemotherapyYes, 207935NoNoTargeted TherapyNullYes, 207962NoNoImmunotherapyChemotherapyRadiation TherapyYes, 208026YesNoImmunotherapyNullYes, 208035NoYesImmunotherapyNullYes, 208036YesYesSurgeryImmunotherapyYes, 208036YesYesSurgeryNullYes, 208036YesTargeted TherapyImmunotherapyYes, 208036YesTargeted TherapyImmunotherapyYes, 208036YesRadiation TherapyImmunotherapy	Yes, 207661	Yes	Yes	Immunotherapy	Immunotherapy	Chemotherapy		
Yes, 207856YesNoRadiation TherapyNullChemotherapyYes, 207935NoNoTargeted TherapyTargeted TherapyNullYes, 207962NoNoImmunotherapyChemotherapyRadiation TherapyYes, 208026YesNoImmunotherapyNullNullYes, 208035NoYesImmunotherapyChemotherapyImmunotherapyYes, 208035YesYesSurgerySurgeryNullYes, 20805YesYesTargeted TherapyImmunotherapyYes, 20805YesRadiation TherapyTargeted TherapyImmunotherapy	Yes, 207689	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy		
Yes, 207935       No       No       Targeted Therapy       Null         Yes, 207962       No       No       Immunotherapy       Chemotherapy       Radiation Therapy         Yes, 208026       Yes       No       Immunotherapy       Null       Null         Yes, 208035       No       Yes       Immunotherapy       Chemotherapy       Immunotherapy         Yes, 208035       Yes       Yes       Surgery       Null         Yes, 20805       Yes       Yes       Targeted Therapy       Null         Yes, 20805       Yes       Yes       Targeted Therapy       Immunotherapy         Yes, 20805       Yes       Radiation Therapy       Targeted Therapy       Immunotherapy	Yes, 207704	No	Yes	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 207962       No       No       Immunotherapy       Chemotherapy       Radiation Therapy         Yes, 208026       Yes       No       Immunotherapy       Null       Null         Yes, 208035       No       Yes       Immunotherapy       Chemotherapy       Immunotherapy         Yes, 208035       Yes       Yes       Surgery       Surgery       Null         Yes, 208040       Yes       Yes       Targeted Therapy       Immunotherapy         Yes, 208123       No       Yes       Radiation Therapy       Targeted Therapy       Immunotherapy	Yes, 207856	Yes	No	Radiation Therapy	Null	Chemotherapy		
Yes, 208026       Yes       No       Immunotherapy       Null       Null         Yes, 208035       No       Yes       Immunotherapy       Chemotherapy       Immunotherapy         Yes, 208053       Yes       Yes       Surgery       Surgery       Null         Yes, 208080       Yes       Yes       Targeted Therapy       Immunotherapy         Yes, 208123       No       Yes       Radiation Therapy       Targeted Therapy       Immunotherapy	Yes, 207935	No	No	Targeted Therapy	Targeted Therapy	Null		
Yes, 208035NoYesImmunotherapyChemotherapyImmunotherapyYes, 208053YesYesSurgerySurgeryNullYes, 208080YesYesTargeted TherapyTargeted TherapyImmunotherapyYes, 208123NoYesRadiation TherapyTargeted TherapyImmunotherapy	Yes, 207962	No	No	Immunotherapy	Chemotherapy	Radiation Therapy		
Yes, 208053YesYesSurgeryNullYes, 208080YesYesTargeted TherapyImmunotherapyYes, 208123NoYesRadiation TherapyTargeted TherapyImmunotherapy	Yes, 208026	Yes	No	Immunotherapy	Null	Null		
Yes, 208080       Yes       Yes       Targeted Therapy       Immunotherapy         Yes, 208123       No       Yes       Radiation Therapy       Targeted Therapy       Immunotherapy	Yes, 208035	No	Yes	Immunotherapy	Chemotherapy	Immunotherapy		
Yes, 208123 No Yes Radiation Therapy Targeted Therapy Immunotherapy	Yes, 208053	Yes	Yes	Surgery	Surgery	Null		
	Yes, 208080	Yes	Yes	Targeted Therapy	Targeted Therapy	Immunotherapy		
0 1	Yes, 208123	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy		
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Yes, 208187	No	No	Radiation Therapy	Chemotherapy	Null	
Yes, 208239	Yes	Yes	Surgery	Radiation Therapy	Chemotherapy	
Yes, 208275	Yes	No	Immunotherapy	Surgery	Radiation Therapy	
Yes, 208318	Yes	Yes	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 208390	No	Yes	Immunotherapy	Null	Targeted Therapy	
Yes, 208415	No	Yes	Radiation Therapy	Chemotherapy	Null	
Yes, 208433	Yes	Yes	Surgery	Null	Chemotherapy	
Yes, 208488	Yes	Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
Yes, 208725	No	No	Immunotherapy	Chemotherapy	Null	
Yes, 208822	Yes	Yes	Radiation Therapy	Radiation Therapy	Surgery	
Yes, 208859	No	Yes	Radiation Therapy	Targeted Therapy	Chemotherapy	
Yes, 209083	Yes	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 209108	Yes	No	Radiation Therapy	Radiation Therapy	Null	
Yes, 209153	Yes	No	Targeted Therapy	Null	Null	
Yes, 209241	No	Yes	Surgery	Surgery	Null	
Yes, 209287	Yes	No	Surgery	Targeted Therapy	Chemotherapy	
Yes, 209296	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 209348		No	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 209409		Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
Yes, 209445		Yes	Surgery	Immunotherapy	Null	
Yes, 209490		No	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 209667		Yes	Surgery	Targeted Therapy	Chemotherapy	
Yes, 209694		Yes	Surgery	Null	Radiation Therapy	
Yes, 209719		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 209807		Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 209825		No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 209922		No	Radiation Therapy	Null	Surgery	
Yes, 209940		Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 210076		No	Immunotherapy	Surgery	Targeted Therapy	
Yes, 210100		Yes	Immunotherapy	Targeted Therapy	Surgery	
Yes, 210146		No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 210155		No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 210331		Yes	Surgery	Null	Surgery	
Yes, 210340		No	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 210429		Yes	Chemotherapy	Surgery	Radiation Therapy	
Yes, 210438		No	Chemotherapy	Null	Targeted Therapy	
Yes, 210456		No	Chemotherapy	Chemotherapy	Null	
Yes, 210474		Yes	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 210492		Yes	Chemotherapy	Surgery	Chemotherapy	
Yes, 210571		No	Immunotherapy	Surgery	Targeted Therapy	
Yes, 210599		Yes	Surgery	Chemotherapy	Immunotherapy	
Yes, 210775		Yes	Radiation Therapy	Null	Targeted Therapy	
Yes, 210809		No	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 210890		No	Surgery	Surgery	Surgery	
Yes, 210906		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 210942		Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 210951		Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 210960		No	Targeted Therapy	Null	Null	
Yes, 211088		Yes	Chemotherapy	Surgery	Chemotherapy	
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Yes, 211130	No	Yes	Chemotherapy	Null	Immunotherapy	
Yes, 211149	Yes	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy	
Yes, 211200	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
Yes, 211273	No	No	Chemotherapy	Surgery	Surgery	
Yes, 211316	Yes	No	Surgery	Null	Immunotherapy	
Yes, 211343	Yes	No	Surgery	Null	Immunotherapy	
Yes, 211352	Yes	Yes	Radiation Therapy	Targeted Therapy	Null	
Yes, 211361	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
Yes, 211370	Yes	Yes	Surgery	Null	Null	
Yes, 211398	No	No	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 211431	Yes	Yes	Chemotherapy	Immunotherapy	Null	
Yes, 211468		No	Immunotherapy	Null	Null	
Yes, 211583		Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 211608		No	Surgery	Immunotherapy	Targeted Therapy	
Yes, 211644		Yes	Surgery	Null	Surgery	
Yes, 211750		No	Radiation Therapy	Null	Null	
Yes, 211820		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 211981		No	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 212045		Yes	Targeted Therapy	Chemotherapy	Immunotherapy	
Yes, 212054		No	Targeted Therapy	Null	Null	
Yes, 212072		No	Chemotherapy	Targeted Therapy	Targeted Therapy	
Yes, 212106		Yes	Chemotherapy	Null	Immunotherapy	
Yes, 212115		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 212160		Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 212197		No	Radiation Therapy	Surgery	Surgery	
Yes, 212276		Yes	Surgery	Immunotherapy	Immunotherapy	
Yes, 212285		No	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 212300		Yes	Surgery	Null	Null	
Yes, 212328		Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 212337		No	Immunotherapy	Null	Chemotherapy	
Yes, 212355		Yes	Chemotherapy			
				Chemotherapy	Chemotherapy	
Yes, 212382 Yes, 212425		Yes	Immunotherapy Chemotherapy	Immunotherapy	Null	
		No		Surgery	Chemotherapy Null	
Yes, 212443		Yes	Radiation Therapy	Surgery		
Yes, 212577		Yes	Targeted Therapy	Null	Chemotherapy	
Yes, 212674		No	Surgery	Null	Surgery	
Yes, 212683		Yes	Chemotherapy	Null	Surgery	
Yes, 212771		No	Targeted Therapy	Null	Immunotherapy	
Yes, 212832		Yes	Radiation Therapy	Null	Surgery	
Yes, 212911		No	Radiation Therapy	Surgery	Null	
Yes, 212975		Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
Yes, 212984		No	Immunotherapy	Null	Surgery	
Yes, 213011		Yes	Radiation Therapy		Chemotherapy	
Yes, 213181		No	Surgery	Immunotherapy	Targeted Therapy	
Yes, 213215		Yes	Targeted Therapy	Null	Surgery	
Yes, 213251		No	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 213312		No	Radiation Therapy	Null	Immunotherapy	
Yes, 213330		No	Radiation Therapy	Targeted Therapy	Null	
Yes, 213376	No	Yes	Immunotherapy	Targeted Therapy	Surgery	
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Yes, 213385	No	No	Immunotherapy	Null	Radiation Therapy
Yes, 213446	Yes	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 213491	No	Yes	Chemotherapy	Surgery	Radiation Therapy
Yes, 213507	Yes	No	Targeted Therapy	Null	Immunotherapy
Yes, 213534		No	Radiation Therapy	Surgery	Immunotherapy
Yes, 213552		Yes	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 213570		Yes	Chemotherapy	Null	Radiation Therapy
Yes, 213589		No	Surgery	Surgery	Chemotherapy
Yes, 213613		Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 213631		Yes	Surgery	Null	Immunotherapy
Yes, 213640		No	Chemotherapy	Immunotherapy	Surgery
Yes, 213659		No	Surgery	Chemotherapy	Null
Yes, 213826		No	Targeted Therapy	Chemotherapy	Surgery
Yes, 213987					
		Yes	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 214023		Yes	Radiation Therapy	Null	Null
Yes, 214041		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 214069		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 214157		Yes	Chemotherapy	Targeted Therapy	Null
Yes, 214166		No	Radiation Therapy	Surgery	Targeted Therapy
Yes, 214254		Yes	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 214315		No	Chemotherapy	Null	Surgery
Yes, 214379		No	Surgery	Surgery	Surgery
Yes, 214476	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 214546	No	Yes	Radiation Therapy	Immunotherapy	Null
Yes, 214582	Yes	No	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 214607	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 214616	Yes	Yes	Immunotherapy	Null	Targeted Therapy
Yes, 214625	No	No	Immunotherapy	Null	Targeted Therapy
Yes, 214652	Yes	No	Targeted Therapy	Null	Surgery
Yes, 214689		No	Targeted Therapy	Radiation Therapy	Surgery
Yes, 214713		Yes	Surgery	Surgery	Radiation Therapy
Yes, 214731		No	Immunotherapy	Null	Null
Yes, 214759		No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 214777		Yes	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 214801		No	Surgery	Targeted Therapy	Null
Yes, 214829		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 214892		Yes	Surgery	Radiation Therapy	Targeted Therapy
Yes, 214944		No	Immunotherapy	Null	Surgery
Yes, 214944 Yes, 214962				Radiation Therapy	
		No	Chemotherapy		Surgery
Yes, 215008		No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 215053		No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 215062		Yes	Surgery	Immunotherapy	Surgery
Yes, 215099		No	Targeted Therapy	Immunotherapy	Surgery
Yes, 215123		Yes	Radiation Therapy	Null	Null
Yes, 215275	Yes	No	Chemotherapy	Surgery	Radiation Therapy
Yes, 215309	Yes	Yes	Immunotherapy	Immunotherapy	Null
Yes, 215336	Yes	Yes	Immunotherapy	Null	Immunotherapy
Yes, 215381	Yes	Yes	Targeted Therapy	Radiation Therapy	Null
Yes, 215390	Yes	No	Radiation Therapy	Immunotherapy	Targeted Therapy

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Yes, 215424	Yes	Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
Yes, 215433	Yes	Yes	Radiation Therapy	Surgery	Radiation Therapy Radiation Therapy	
Yes, 215442	Yes	No	Radiation Therapy	Null	Immunotherapy	
Yes, 215619	Yes	Yes	Chemotherapy	Surgery	Chemotherapy	
Yes, 215628	No	No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 215637	No	Yes	Chemotherapy	Null	Chemotherapy	
Yes, 215655	Yes	No	Immunotherapy	Targeted Therapy	Surgery	
Yes, 215813	Yes	Yes	Chemotherapy	Surgery	Surgery	
Yes, 215886	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 215929	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 215947	No	Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
Yes, 215974	Yes	Yes	Surgery	Immunotherapy	Chemotherapy	
Yes, 215983	No	No	Chemotherapy	Null	Radiation Therapy	
Yes, 216038	Yes	Yes	Surgery	Surgery	Immunotherapy	
Yes, 216047	Yes	Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
Yes, 216223	Yes	No	Chemotherapy	Surgery	Surgery	
Yes, 216296	No	No	Targeted Therapy	Surgery	Surgery	
Yes, 216348	No	No	Chemotherapy	Targeted Therapy	Radiation Therapy	
Yes, 216366	Yes	Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 216427	No	No	Radiation Therapy	Immunotherapy	Targeted Therapy	
Yes, 216436	Yes	No	Chemotherapy	Radiation Therapy	Null	
Yes, 216445	No	Yes	Chemotherapy	Null	Chemotherapy	
Yes, 216454	No	Yes	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 216524	Yes	No	Surgery	Surgery	Null	
Yes, 216551	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 216579	No	Yes	Radiation Therapy	Surgery	Chemotherapy	
Yes, 216597	No	No	Chemotherapy	Chemotherapy	Surgery	
Yes, 216630	Yes	No	Immunotherapy	Radiation Therapy	Surgery	
Yes, 216694	No	Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 216746	Yes	Yes	Immunotherapy	Null	Immunotherapy	
Yes, 216764	Yes	No	Surgery	Chemotherapy	Targeted Therapy	
Yes, 216773	No	Yes	Surgery	Null	Targeted Therapy	
Yes, 216782	No	Yes	Radiation Therapy	Chemotherapy	Chemotherapy	
Yes, 216807	Yes	No	Radiation Therapy	Null	Chemotherapy	
Yes, 216986	No	Yes	Surgery	Immunotherapy	Null	
Yes, 217013	No	No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 217040	No	Yes	Chemotherapy	Null	Surgery	
Yes, 217059	Yes	Yes	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 217077	No	No	Surgery	Chemotherapy	Null	
Yes, 217095	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
Yes, 217156	Yes	Yes	Targeted Therapy	Chemotherapy	Chemotherapy	
Yes, 217235	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 217244	Yes	Yes	Chemotherapy	Chemotherapy	Chemotherapy	
Yes, 217350	Yes	No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 217475	No	No	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 217518	Yes	No	Radiation Therapy	Chemotherapy	Radiation Therapy	
Yes, 217536	Yes	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
Yes, 217572	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy	
Yes, 217615	Yes	No	Immunotherapy	Immunotherapy	Surgery	
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Yes, 217633	Yes	Yes	Targeted Therapy	Immunotherapy	Surgery
Yes, 217688	Yes	Yes	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 217749	Yes	Yes	Targeted Therapy	Immunotherapy	Null
Yes, 217819	No	No	Chemotherapy	Null	Immunotherapy
Yes, 217864	No	No	Chemotherapy	Radiation Therapy	Null
Yes, 217873	No	Yes	Chemotherapy	Chemotherapy	Surgery
Yes, 217907	No	No	Targeted Therapy	Targeted Therapy	Surgery
Yes, 217925	No	No	Surgery	Immunotherapy	Chemotherapy
Yes, 217934	No	Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 217961	No	Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 217989		No	Chemotherapy	Null	Surgery
Yes, 217998		No	Immunotherapy	Null	Null
Yes, 218070		Yes	Chemotherapy	Null	Radiation Therapy
Yes, 218089		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
Yes, 218140		No	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 218159		No	Surgery	Chemotherapy	Surgery
Yes, 218265		Yes	Targeted Therapy	Chemotherapy	Null
Yes, 218335		No	Immunotherapy	Chemotherapy	Surgery
Yes, 218353		No	Targeted Therapy	Surgery	Surgery
Yes, 218399		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 218414		No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 218441		No	Surgery	Null	Targeted Therapy
Yes, 218487		Yes	Chemotherapy	Surgery	Null
Yes, 218654		No	Surgery	Targeted Therapy	Chemotherapy
Yes, 218672		Yes	Targeted Therapy	Targeted Therapy	Surgery
Yes, 218706		Yes	Immunotherapy	Immunotherapy	Null
Yes, 218751		Yes	Surgery	Chemotherapy	Targeted Therapy
Yes, 218830		No	Immunotherapy	Null	Chemotherapy
Yes, 218858		No	Immunotherapy	Surgery	Surgery
Yes, 218867		No	Surgery	Null	Surgery
Yes, 218885		Yes	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 218894		No	Radiation Therapy	Surgery	Radiation Therapy
Yes, 218955		No	Surgery	Surgery	Surgery
Yes, 218964		No	Chemotherapy	Null	Surgery
Yes, 219037		No	Targeted Therapy	Null	Surgery
Yes, 219055	No	Yes	Radiation Therapy	Surgery	Null
Yes, 219125	Yes	Yes	Surgery	Surgery	Radiation Therapy
Yes, 219143	No	No	Surgery	Null	Radiation Therapy
Yes, 219204	Yes	Yes	Chemotherapy	Surgery	Surgery
Yes, 219240	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 219259	No	Yes	Surgery	Targeted Therapy	Surgery
Yes, 219277		No	Chemotherapy	Radiation Therapy	Null
Yes, 219295		Yes	Immunotherapy	Surgery	Chemotherapy
Yes, 219347		No	Targeted Therapy	Surgery	Surgery
Yes, 219408		Yes	Targeted Therapy	Immunotherapy	Chemotherapy
Yes, 219471		No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 219480		No	Targeted Therapy	Null	Radiation Therapy
Yes, 219587		No	Immunotherapy	Chemotherapy	Surgery
Yes, 219824		No	Radiation Therapy	Chemotherapy	Immunotherapy
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Yes, 219833	Yes	No	Immunotherapy	Null	Targeted Therapy	
Yes, 219842	Yes	No	Surgery	Immunotherapy	Targeted Therapy	
Yes, 219879	No	No	Surgery	Null	Chemotherapy	
Yes, 219888	Yes	Yes	Radiation Therapy	Targeted Therapy	Surgery	
Yes, 219903	No	No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 219921	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy	
Yes, 219949	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy	
Yes, 219976	No	No	Surgery	Immunotherapy	Surgery	
Yes, 219994	No	No	Surgery	Surgery	Surgery	
Yes, 220002	No	No	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 220075	Yes	Yes	Surgery	Null	Null	
Yes, 220118	Yes	No	Surgery	Immunotherapy	Null	
Yes, 220127	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 220181		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 220251		No	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 220312		No	Targeted Therapy	Chemotherapy	Surgery	
Yes, 220321		No	Surgery	Chemotherapy	Radiation Therapy	
Yes, 220394		Yes	Surgery	Null	Null	
Yes, 220400		No	Immunotherapy	Null	Immunotherapy	
Yes, 220464		Yes	Surgery	Targeted Therapy	Surgery	
Yes, 220473		No	Targeted Therapy	Immunotherapy	Targeted Therapy	
Yes, 220491		No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
Yes, 220516		No	Immunotherapy	Null	Null	
Yes, 220570		No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 220598		Yes	Radiation Therapy	Null	Surgery	
Yes, 220604		Yes	Surgery	Chemotherapy	Radiation Therapy	
Yes, 220631		No	Immunotherapy	Null	Radiation Therapy	
Yes, 220765		No	Immunotherapy	Null	Radiation Therapy	
Yes, 220853		Yes	Immunotherapy	Surgery	Null	
Yes, 220862		Yes	Immunotherapy	Targeted Therapy	Surgery	
Yes, 220871		No	Chemotherapy	Targeted Therapy	Null	
Yes, 220941		No	Targeted Therapy	Null	Targeted Therapy	
Yes, 220978		No	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 221014		Yes	Chemotherapy	Null	Null	
Yes, 221096		No	Immunotherapy	Surgery	Radiation Therapy	
Yes, 221102		No	Surgery	Null	Immunotherapy	
Yes, 221148		Yes	Surgery	Targeted Therapy	Surgery	
Yes, 221157		No	Chemotherapy	Immunotherapy	Null	
Yes, 221281		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 221351		Yes	Targeted Therapy	Null	Null	
Yes, 221388		Yes	Targeted Therapy	Null	Chemotherapy	
Yes, 221485		Yes	Chemotherapy	Targeted Therapy	Targeted Therapy	
Yes, 221591		No	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 221607		Yes	Surgery	Null	Radiation Therapy	
Yes, 221616		No	Chemotherapy	Null	Surgery	
Yes, 221634		No	Surgery	Chemotherapy	Surgery	
Yes, 221643		Yes	Surgery	Null	Targeted Therapy	
Yes, 221661		Yes	Targeted Therapy	Targeted Therapy	Immunotherapy	
		No	Targeted Therapy	Null	Chemotherapy	
Yes, 221670						

atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 221731	Yes	Yes	Surgery	Targeted Therapy	Chemotherapy
Yes, 221795	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 221847	Yes	No	Immunotherapy	Surgery	Radiation Therapy
Yes, 221856	Yes	No	Surgery	Radiation Therapy	Radiation Therapy
Yes, 221892	Yes	No	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 221953	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 221971	No	No	Surgery	Null	Null
Yes, 222053	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 222099	Yes	No	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 222497	Yes	No	Targeted Therapy	Null	Targeted Therapy
Yes, 222576	Yes	Yes	Targeted Therapy	Null	Immunotherapy
Yes, 222691	Yes	No	Surgery	Null	Surgery
Yes, 222707	Yes	Yes	Immunotherapy	Surgery	Targeted Therapy
Yes, 222822	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 222938		No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 223001		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 223083		No	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 223214		No	Targeted Therapy	Surgery	Chemotherapy
Yes, 223232		No	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 223320		No	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 223427		No	Radiation Therapy	Null	Immunotherapy
Yes, 223463		Yes	Surgery	Immunotherapy	
Yes, 223472		No	Radiation Therapy	Null	Targeted Therapy Immunotherapy
Yes, 223524 Yes, 223524					
		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 223658		No.	Chemotherapy	Null	Null
Yes, 223667		No.	Surgery	Null	Null
Yes, 223816		No	Surgery	Immunotherapy	Radiation Therapy
Yes, 223922		Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 224013		No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 224156		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 224226		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 224271		No	Chemotherapy	Null	Null
Yes, 224350		Yes	Surgery	Targeted Therapy	Null
Yes, 224402		Yes	Chemotherapy	Surgery	Immunotherapy
Yes, 224554	No	No	Immunotherapy	Surgery	Chemotherapy
Yes, 224572	No	Yes	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 224679	No	No	Chemotherapy	Null	Targeted Therapy
Yes, 224712	No	Yes	Radiation Therapy	Immunotherapy	Immunotherapy
Yes, 224758	Yes	No	Surgery	Null	Surgery
Yes, 224828	No	No	Surgery	Null	Surgery
Yes, 224891	No	No	Immunotherapy	Surgery	Chemotherapy
Yes, 224961	Yes	Yes	Targeted Therapy	Radiation Therapy	Surgery
Yes, 225399		Yes	Chemotherapy	Immunotherapy	Null
Yes, 225502		Yes	Surgery	Chemotherapy	Targeted Therapy
Yes, 225511		Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 225548		Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 225779		No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 225788		Yes	Immunotherapy	Immunotherapy	Surgery
Yes, 225885		No	Surgery	Null	Surgery
162, 223685	165	INU	our ger y	Null	Surgery

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 225991	No	Yes	Surgery	Chemotherapy	Null	
Yes, 226091	No	No	Chemotherapy	Chemotherapy	Surgery	
Yes, 226125	No	Yes	Radiation Therapy	Null	Surgery	
Yes, 226152	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 226204	No	No	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 226471	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 226578	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	
Yes, 226806	No	No	Targeted Therapy	Null	Immunotherapy	
Yes, 226833	No	Yes	Surgery	Surgery	Radiation Therapy	
Yes, 226860	No	No	Immunotherapy	Surgery	Surgery	
Yes, 226930	No	No	Targeted Therapy	Null	Immunotherapy	
Yes, 227155	Yes	No	Surgery	Null	Targeted Therapy	
Yes, 227216	No	No	Surgery	Null	Radiation Therapy	
Yes, 227289	Yes	No	Surgery	Targeted Therapy	Surgery	
Yes, 227298		No	Targeted Therapy	Surgery	Chemotherapy	
Yes, 227322	Yes	Yes	Surgery	Radiation Therapy	Null	
Yes, 227331		No	Targeted Therapy	Null	Radiation Therapy	
Yes, 227377		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 227386		No	Surgery	Immunotherapy	Surgery	
Yes, 227429		No		Surgery	Targeted Therapy	
Yes, 227687		No	Targeted Therapy	Null	Surgery	
Yes, 227748		No	Immunotherapy	Null	Targeted Therapy	
Yes, 227836		Yes	Surgery	Chemotherapy	Targeted Therapy	
Yes, 227854		Yes	Surgery	Chemotherapy	Surgery	
Yes, 227979		No	Surgery	Targeted Therapy	Radiation Therapy	
Yes, 228042		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 228088		Yes	Surgery	Immunotherapy	Immunotherapy	
Yes, 228158		No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 228200		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 228219		No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 228291		Yes	Chemotherapy	Surgery	Chemotherapy	
Yes, 228316		Yes	Radiation Therapy	Surgery	Surgery	
Yes, 228325		Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
Yes, 228343		Yes	Immunotherapy	Immunotherapy	Null	
Yes, 228431		Yes	Chemotherapy	Targeted Therapy	Chemotherapy	
Yes, 228459		No	Chemotherapy	Immunotherapy	Targeted Therapy	
Yes, 228486		Yes	Surgery	Surgery	Null	
Yes, 228501		No	Chemotherapy	Targeted Therapy	Targeted Therapy	
Yes, 228529		No	Targeted Therapy	Surgery	Chemotherapy	
Yes, 228547		No	Surgery	Null	Targeted Therapy	
Yes, 228644		Yes	Immunotherapy	Null	Null	
Yes, 228671		Yes	Immunotherapy	Immunotherapy	Radiation Therapy	
Yes, 228699		Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 228705		No	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 228714		No	Surgery	Null	Null	
Yes, 228769		No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 228787		Yes	Radiation Therapy	Null	Targeted Therapy	
Yes, 228796		Yes	Surgery	Null	Immunotherapy	
Yes, 228866		No	Immunotherapy	Chemotherapy	Immunotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 228884	Yes	No	Chemotherapy	Immunotherapy	Null	
Yes, 228909	Yes	No	Surgery	Immunotherapy	Immunotherapy	
Yes, 228981	Yes	Yes	Targeted Therapy	Null	Surgery	
Yes, 229027	Yes	No	Chemotherapy	Null	Targeted Therapy	
Yes, 229090	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
Yes, 229115	Yes	Yes	Radiation Therapy	Null	Targeted Therapy	
Yes, 229151	No	No	Radiation Therapy	Chemotherapy	Radiation Therapy	
Yes, 229160	No	Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 229267	No	No	Surgery	Null	Chemotherapy	
Yes, 229328	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 229355	Yes	No	Targeted Therapy	Targeted Therapy	Null	
Yes, 229407	Yes	Yes	Surgery	Targeted Therapy	Immunotherapy	
Yes, 229425	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
Yes, 229504	Yes	No	Targeted Therapy	Immunotherapy	Surgery	
Yes, 229887		No	Targeted Therapy	Null	Surgery	
Yes, 230010		No	Radiation Therapy	Chemotherapy	Immunotherapy	
Yes, 230038		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 230047		No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 230065		Yes	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 230135		No	Immunotherapy	Targeted Therapy	Null	
Yes, 230144		No	Targeted Therapy	Radiation Therapy	Null	
Yes, 230162		Yes	Targeted Therapy	Null	Null	
Yes, 230199		Yes	Immunotherapy	Surgery	Targeted Therapy	
Yes, 230214		No	Radiation Therapy	Null	Surgery	
Yes, 230366		No	Surgery	Null	Surgery	
Yes, 230384		No	Immunotherapy	Null	Targeted Therapy	
Yes, 230597		Yes	Radiation Therapy	Chemotherapy	Surgery	
Yes, 230603		Yes	Immunotherapy	Null	Targeted Therapy	
Yes, 230621		Yes	Radiation Therapy	Null	Surgery	
Yes, 230782		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
Yes, 230807		No	Chemotherapy	Null	Null	
Yes, 230889		No	Targeted Therapy	Immunotherapy	Chemotherapy	
Yes, 230913		Yes	Chemotherapy	Null	Surgery	
Yes, 230931		Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
Yes, 230977		Yes	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 230995		Yes	Targeted Therapy	Surgery	Null	
Yes, 231004		No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 231059		No	Targeted Therapy	Null	Surgery	
Yes, 231077		Yes	Chemotherapy	Surgery	Targeted Therapy	
Yes, 231147		No	Surgery	Surgery	Chemotherapy	
Yes, 231156		Yes	Chemotherapy	Immunotherapy	Null	
Yes, 231165		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 231174		No	Targeted Therapy	Targeted Therapy	Immunotherapy	
Yes, 231411		No	Surgery	Chemotherapy	Targeted Therapy	
Yes, 231536		Yes	Chemotherapy	Chemotherapy	Null	
Yes, 231581		No	Immunotherapy	Chemotherapy	Null	
Yes, 231624		Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 231651		No	Surgery	Radiation Therapy	Surgery	
Yes, 231688		No	Radiation Therapy	Targeted Therapy	Null	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 231721	No	No	Surgery	Radiation Therapy	Null	
Yes, 231837	Yes	Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 231873	Yes	Yes	Immunotherapy	Null	Chemotherapy	
Yes, 231882	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 232052	No	Yes	Chemotherapy	Null	Surgery	
Yes, 232195	Yes	No	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 232256	No	No	Surgery	Chemotherapy	Immunotherapy	
Yes, 232414	Yes	No	Immunotherapy	Null	Radiation Therapy	
Yes, 232502	Yes	No	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 232557	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 232575	No	No	Chemotherapy	Targeted Therapy	Chemotherapy	
Yes, 232618	Yes	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 232681	No	No	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 232706	No	No	Targeted Therapy	Surgery	Null	
Yes, 232788		Yes	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 232885		No	Chemotherapy	Null	Null	
Yes, 232919		Yes	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 232937		No	Immunotherapy	Null	Chemotherapy	
Yes, 232982		Yes	Targeted Therapy	Null	Surgery	
Yes, 233019		Yes	Surgery	Targeted Therapy	Radiation Therapy	
Yes, 233037		No	Radiation Therapy	Chemotherapy	Surgery	
Yes, 233082		No	Radiation Therapy	Targeted Therapy	Surgery	
Yes, 233091		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
Yes, 233116		No	Immunotherapy	Immunotherapy	Chemotherapy	
Yes, 233286		Yes	Surgery	Surgery	Radiation Therapy	
Yes, 233301		Yes	Chemotherapy	Radiation Therapy	Null	
Yes, 233310		Yes	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 233329		No	Targeted Therapy	Surgery	Null	
Yes, 233356		Yes	Radiation Therapy	Null	Surgery	
Yes, 233426		Yes	Chemotherapy	Null	Null	
Yes, 233541		No	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 233639		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 233684		Yes	Surgery	Immunotherapy	Immunotherapy	
Yes, 233772		Yes	Surgery	Radiation Therapy	Null	
Yes, 233842		Yes	Targeted Therapy	Immunotherapy	Null	
Yes, 233897		No	Chemotherapy	Targeted Therapy	Radiation Therapy	4
Yes, 233912		No	Immunotherapy	Surgery	Immunotherapy	
Yes, 233949		No	Surgery	Chemotherapy	Chemotherapy	
Yes, 234155		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 234164		No	Chemotherapy	Null	Chemotherapy	
Yes, 234104		Yes	Targeted Therapy	Chemotherapy	Surgery	
Yes, 234225		No	Radiation Therapy	Null	Immunotherapy	
Yes, 234377		Yes	Chemotherapy	Radiation Therapy	Chemotherapy	
Yes, 234401		Yes	Immunotherapy	Surgery	Chemotherapy	
Yes, 234669		No	Immunotherapy	Null	Chemotherapy	
Yes, 234699 Yes, 234696		No	Radiation Therapy	Null	Surgery	
Yes, 234696 Yes, 234784						
		No	Immunotherapy	Immunotherapy	Chemotherapy	
Yes, 234827		Yes	Targeted Therapy	Immunotherapy	Immunotherapy	
Yes, 234845	INU	Yes	Surgery	Null	Immunotherapy	 1
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 234979	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy		
Yes, 235024	No	No	Targeted Therapy	Targeted Therapy	Immunotherapy		
Yes, 235097	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy		
Yes, 235158	No	No	Chemotherapy	Radiation Therapy	Null		
Yes, 235167	Yes	Yes	Surgery	Radiation Therapy	Chemotherapy		
Yes, 235495	No	Yes	Chemotherapy	Radiation Therapy	Immunotherapy		
Yes, 235501	Yes	No	Surgery	Immunotherapy	Immunotherapy		
Yes, 235510	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy		
Yes, 235529	No	Yes	Surgery	Null	Null		
Yes, 235583	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy		
Yes, 235671	Yes	No	Surgery	Null	Radiation Therapy		
Yes, 235699	No	No	Surgery	Radiation Therapy	Null		
Yes, 235769	Yes	Yes	Targeted Therapy	Chemotherapy	Surgery		
Yes, 235954	Yes	No	Immunotherapy	Radiation Therapy	Surgery		
Yes, 236027	Yes	Yes	Radiation Therapy	Surgery	Null		
Yes, 236072	No	Yes	Targeted Therapy	Surgery	Null		
Yes, 236230		Yes	Targeted Therapy	Surgery	Targeted Therapy		
Yes, 236258		No	Immunotherapy	Immunotherapy	Radiation Therapy		
Yes, 236504		Yes	Surgery	Immunotherapy	Immunotherapy		
Yes, 236513		No	Radiation Therapy	Chemotherapy	Chemotherapy		
Yes, 236531		No	Chemotherapy	Null	Targeted Therapy		
Yes, 236595		No	Immunotherapy	Surgery	Surgery		
Yes, 236638		No	Immunotherapy	Targeted Therapy	Immunotherapy		
Yes, 236656		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy		
Yes, 236692		No	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 236799		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy		
Yes, 236887		No	Targeted Therapy	Null	Surgery		
Yes, 236939		No	Targeted Therapy	Surgery	Chemotherapy		
		No	Chemotherapy	Radiation Therapy	Radiation Therapy		
Yes, 236975		No	Surgery	Null	Chemotherapy		
Yes, 237011		No	Targeted Therapy	Null	Radiation Therapy		
Yes, 237039		No	Radiation Therapy	Targeted Therapy	Null		
Yes, 237057		No	Surgery	Null	Radiation Therapy		
Yes, 237066		Yes	Targeted Therapy	Null	Surgery		
Yes, 237118		No	Targeted Therapy	Radiation Therapy	Chemotherapy		
Yes, 237127		No	Targeted Therapy	Radiation Therapy	Immunotherapy		
Yes, 237145		No	Chemotherapy	Null	Targeted Therapy		
Yes, 237215		Yes	Targeted Therapy	Surgery	Targeted Therapy		
Yes, 237303		No	Radiation Therapy	Null	Null		
Yes, 237385		Yes	Surgery	Null	Null		
Yes, 237419		Yes	Targeted Therapy	Null	Chemotherapy		
Yes, 237473		Yes	Radiation Therapy	Null	Null		
Yes, 237491		Yes	Surgery	Radiation Therapy	Radiation Therapy		
Yes, 237570		No	Chemotherapy	Null	Radiation Therapy		
Yes, 237640		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy		
Yes, 237844		Yes	Targeted Therapy	Surgery	Surgery		
Yes, 237880		Yes	Radiation Therapy	Chemotherapy	Null		
Yes, 237905		No	Radiation Therapy	Chemotherapy	Surgery		
Yes, 237978		No	Immunotherapy	Targeted Therapy	Immunotherapy		
163, 237370	103	140	пппипоспетару	rangeted interapy			
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es, 237987 es, 238032	No				Treatment proced
Yes, 238032	140	Yes	Immunotherapy	Chemotherapy	Immunotherapy
	No	Yes	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 238263	No	Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 238397	Yes	No	Targeted Therapy	Null	Radiation Therapy
Yes, 238458	Yes	No	Surgery	Surgery	Surgery
Yes, 238476	Yes	No	Radiation Therapy	Null	Surgery
Yes, 238573	No	No	Chemotherapy	Surgery	Chemotherapy
Yes, 238616	Yes	Yes	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 238661	Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 238722		Yes	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 238786		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 238810	Yes	Yes	Chemotherapy	Chemotherapy	Null
Yes, 238892		Yes	Immunotherapy	Null	Immunotherapy
Yes, 239008		No	Targeted Therapy	Chemotherapy	Surgery
Yes, 239017		No	Immunotherapy	Null	Immunotherapy
Yes, 239071		No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 239080		Yes	Surgery	Chemotherapy	Surgery
Yes, 239105		Yes	Targeted Therapy	Immunotherapy	Null
Yes, 239220		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 239424		No	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 239460		No	Chemotherapy	Null	Radiation Therapy
Yes, 239637		No	Surgery	Null	Null
Yes, 239716		Yes	Surgery	Surgery	Surgery
Yes, 239877		No	Surgery	Null	Chemotherapy
Yes, 239910		Yes	Radiation Therapy	Immunotherapy	
					Immunotherapy
Yes, 240055		Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 240189		Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 240198		Yes	Surgery	Targeted Therapy	Surgery
Yes, 240213		No N-	Chemotherapy	Surgery	Surgery
Yes, 240240		No	Surgery	Surgery	Immunotherapy
Yes, 240338		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 240374		No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 240392		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 240426		No	Surgery	Radiation Therapy	Radiation Therapy
Yes, 240435		Yes	Radiation Therapy	Immunotherapy	Null
Yes, 240444		Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 240453		No	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 240505	Yes	No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 240514	Yes	No	Immunotherapy	Null	Null
Yes, 240657	No	Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 240666	No	Yes	Targeted Therapy	Immunotherapy	Null
Yes, 240693	Yes	No	Chemotherapy	Surgery	Immunotherapy
Yes, 240718		Yes	Radiation Therapy	Radiation Therapy	Chemotherapy
Yes, 240727		No	Targeted Therapy	Targeted Therapy	Null
Yes, 240754		Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 240879		Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 240985		No	Surgery	Targeted Therapy	Surgery
Yes, 241128		Yes	Targeted Therapy	Surgery	Surgery
Yes, 241216		Yes	Radiation Therapy	Targeted Therapy	Surgery
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Yes, 241304 Yes No Immunotherapy Chemotherapy Radiation Therapy Yes, 241377 Yes No Immunotherapy Surgery Null Yes, 241386 No No Chemotherapy Surgery Chemotherapy Yes, 241410 Yes No Chemotherapy Null Null Yes, 241517 Yes No Surgery Immunotherapy Null Null Yes, 241516 No No Surgery Immunotherapy Targeted Therapy Yes, 241636 No No Radiation Therapy Null Null Yes, 242060 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242583 No No Radiation Therapy Null Null Yes, 242637 Yes Yes Surgery Null Null Null Yes, 242637 Yes Yes Surgery Null Null Null Yes, 242637 Yes Yes Surgery Null Null Yes, 242637 Yes Yes Targeted Therapy Radiation Therapy Surgery Yes, 242640 No No Radiation Therapy Radiation Therapy Immunotherapy Yes, 242640 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242660 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242660 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242699 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242699 Yes Yes Targeted Therapy Radiation Therapy Targeted Therapy Yes, 242730 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242730 No No Surgery Targeted Therapy Targeted Therapy Yes, 242750 No No Surgery Targeted Therapy Immunotherapy Yes, 2428115 No No Immunotherapy Chemotherapy Chemotherapy Chemotherapy Null Immunotherapy Yes, 243115 No No Immunotherapy Chemotherapy Chemotherapy Null Yes, 243116 Yes Yes Chemotherapy Chemotherapy Chemotherapy Yes, 243116 No No Surgery Null Chemotherapy Chemotherapy Yes, 243116 No No Radiation Therapy Surgery Chemotherapy Chemotherapy Chemotherapy Yes, 243118 No No Radiation Therapy Sudiation Therapy Chemotherapy Chemotherap
Yes, 241386 No No Chemotherapy Surgery Chemotherapy Yes, 241410 Yes No Chemotherapy Null Null Yes, 241517 Yes No Surgery Immunotherapy Null Yes, 241614 No No Surgery Immunotherapy Null Yes, 241618 No No Radiation Therapy Null Null Yes, 241636 No No Radiation Therapy Null Null Yes, 242060 No No Immunotherapy Targeted Therapy Immunotherapy Yes, 242556 Yes Yes Surgery Null Null Yes, 242556 Yes Yes Surgery Null Null Yes, 242583 No No Radiation Therapy Null Null Yes, 242617 Yes Yes Targeted Therapy Radiation Therapy Surgery Yes, 242617 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242660 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242640 No No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242680 No No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 242690 Yes Yes Targeted Therapy Radiation Therapy Targeted Therapy Yes, 242690 No No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 242732 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242730 No No Surgery Targeted Therapy Targeted Therapy Yes, 242730 No No Surgery Targeted Therapy Immunotherapy Yes, 242820 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242820 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242820 No Yes Obenotherapy Radiation Therapy Immunotherapy Yes, 243150 No No Surgery Targeted Therapy Immunotherapy Yes, 243115 No No Immunotherapy Chemotherapy Chemotherapy Chemotherapy Yes, 243160 Yes No Surgery Null Chemotherapy Yes, 243160 Yes No Surgery Null Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
Yes, 241410 Yes No Chemotherapy Null Null Yes, 241517 Yes No Surgery Immunotherapy Null Yes, 241614 No No Surgery Immunotherapy Targeted Therapy Yes, 241836 No No Radiation Therapy Null Yes, 242060 No No Immunotherapy Targeted Therapy Immunotherapy Yes, 242413 No Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242556 Yes Yes Surgery Null Null Yes, 242566 Yes Yes Surgery Null Null Yes, 242617 Yes Yes Targeted Therapy Radiation Therapy Surgery Yes, 242568 No No Radiation Therapy Radiation Therapy Surgery Yes, 242660 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242660 No Yes Targeted Therapy Null Targeted Therapy Yes, 242660 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242680 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242680 No No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242699 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242750 No No Surgery Targeted Therapy Targeted Therapy Yes, 242820 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 2428115 No No Immunotherapy Chemotherapy Chemotherapy Yes, 243160 Yes No Surgery Null Chemotherapy Yes, 243160 Yes No Surgery Null Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
Yes, 241517 Yes No Surgery Immunotherapy Null Yes, 241614 No No Surgery Immunotherapy Targeted Therapy Yes, 241836 No No Radiation Therapy Null Null Yes, 242060 No No Immunotherapy Targeted Therapy Immunotherapy Yes, 242413 No Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242556 Yes Yes Surgery Null Null Yes, 242556 Yes Yes Surgery Null Null Yes, 242583 No No Radiation Therapy Radiation Therapy Surgery Yes, 242626 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242626 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242640 Yes Yes Targeted Therapy Null Targeted Therapy Yes, 242680 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 242699 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 24273 Yes Yes Chemotherapy Surgery Radiation Therapy Yes, 242750 No No Surgery Targeted Therapy Immunotherapy Yes, 242820 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242820 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242821 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 243150 No No Immunotherapy Radiation Therapy Immunotherapy Yes, 243115 No No Immunotherapy Chemotherapy Chemotherapy Yes, 243116 Yes No Surgery Null Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
Yes, 241614 No No Surgery Immunotherapy Targeted Therapy Yes, 241836 No No No Radiation Therapy Null Null Yes, 242060 No No Immunotherapy Targeted Therapy Immunotherapy Yes, 242413 No Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 242556 Yes Yes Surgery Null Null Yes, 242583 No No Radiation Therapy Null Chemotherapy Yes, 242617 Yes Yes Targeted Therapy Radiation Therapy Surgery Yes, 242626 No Yes Immunotherapy Radiation Therapy Immunotherapy Yes, 242644 Yes Yes Targeted Therapy Null Targeted Therapy Yes, 242680 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 242699 Yes Yes Targeted Therapy Radiation Therapy Immunotherapy Yes, 24273 Yes Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242750 No No Surgery Targeted Therapy Yes, 24280 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 24280 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 2428115 No No Immunotherapy Null Immunotherapy Yes, 243112 No No Immunotherapy Chemotherapy Chemotherapy Yes, 243112 Yes Yes Chemotherapy Chemotherapy Null Immunotherapy Yes, 243110 Yes No Surgery Null Chemotherapy Yes, 243110 Yes No Surgery Null Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
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Yes, 242699 Yes Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242723 Yes Yes Chemotherapy Surgery Radiation Therapy Yes, 242750 No No Surgery Targeted Therapy Targeted Therapy Yes, 242820 No Yes Chemotherapy Radiation Therapy Immunotherapy Yes, 242824 No Yes Immunotherapy Null Immunotherapy Yes, 242954 No No Immunotherapy Chemotherapy Chemotherapy Yes, 243115 No No Immunotherapy Chemotherapy Chemotherapy Yes, 243142 Yes Yes Chemotherapy Chemotherapy Null Yes, 243160 Yes No Surgery Null Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
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Yes, 242954NoYesImmunotherapyNullImmunotherapyYes, 243115NoNoImmunotherapyChemotherapyYes, 243142YesYesChemotherapyNullYes, 243160YesNoSurgeryNullChemotherapyYes, 243179YesYesRadiation TherapyChemotherapy
Yes, 243115     No     No     Immunotherapy     Chemotherapy     Chemotherapy       Yes, 243142     Yes     Yes     Chemotherapy     Null       Yes, 243160     Yes     No     Surgery     Null     Chemotherapy       Yes, 243179     Yes     Yes     Radiation Therapy     Chemotherapy
Yes, 243142     Yes     Yes     Chemotherapy     Null       Yes, 243160     Yes     No     Surgery     Null     Chemotherapy       Yes, 243179     Yes     Yes     Radiation Therapy     Chemotherapy       Yes, 243179     Yes     Yes     Radiation Therapy     Chemotherapy
Yes, 243160     Yes     No     Surgery     Null     Chemotherapy       Yes, 243179     Yes     Yes     Radiation Therapy     Surgery     Chemotherapy
Yes, 243179 Yes Yes Radiation Therapy Surgery Chemotherapy
Yes, 243197 Yes Yes Surgery Null Immunotherapy
Yes, 243203 Yes No Chemotherapy Immunotherapy Null
Yes, 243221 Yes Yes Immunotherapy Null Null
Yes, 243416 No Yes Targeted Therapy Targeted Therapy Radiation Therapy
Yes, 243443 No Yes Radiation Therapy Chemotherapy Surgery
Yes, 243498 Yes No Immunotherapy Targeted Therapy Targeted Therapy
Yes, 243568 No No Surgery Radiation Therapy Radiation Therapy
Yes, 243577 Yes Yes Chemotherapy Null Null
Yes, 243744 No No Radiation Therapy Radiation Therapy Targeted Therapy
Yes, 243780 No Yes Radiation Therapy Radiation Therapy Radiation Therapy Radiation Therapy
Yes, 243823 Yes Yes Radiation Therapy Chemotherapy Surgery  Ves. 243823 No. 1 Ves. 1 Padiation Therapy Improvesherapy Null
Yes, 244233 No Yes Radiation Therapy Immunotherapy Null
Yes, 244279 No Yes Radiation Therapy Null Surgery
Yes, 244561 No Yes Targeted Therapy Surgery Null
Yes, 245032 Yes Yes Chemotherapy Surgery Null
Yes, 245625 No Yes Radiation Therapy Surgery Null
Yes, 245652 No Yes RadiationTherapy RadiationTherapy Surgery
Yes, 245777 Yes Yes Immunotherapy Surgery Radiation Therapy
Yes, 245838 No Yes Immunotherapy Targeted Therapy Null
Yes, 245883 No Yes Immunotherapy Chemotherapy Null
Yes, 245962 No No Surgery Targeted Therapy Chemotherapy
Yes, 245980 No No Radiation Therapy Radiation Therapy Targeted Therapy
Yes, 246017 No No Radiation Therapy Targeted Therapy Surgery
Yes, 246071 No No Immunotherapy Null Chemotherapy
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Yes         Mode         No         Support         Mall         Immoratoregy           Yes         Act Allack 1 in         O         Chemistratory         Mall         Support           Yes         Act Allack 1 in         Chemistratory         Mall         Support           Yes         Act Allack 1 in         Support         Mall           Yes         Chemistratory         Mall         Chemistratory           Yes         Chemistratory         Mall         Chemistratory           Yes         Chemistratory         Chemistratory         Mall           Yes         Chemistratory         Chemistratory         Chemistratory           Yes         Chemistratory         Chemistratory         Chemistratory           Yes         Chemistratory         Chemistratory         Chemistratory           Yes         Chemistratory         Chemistratory         Chemistratory           Yes         Chemistratory         Mall           Yes         Chemistratory         Ma	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
No.   Model   No.   No.   Redulation Theory   Model   Controlleray   No.	Yes, 246202	No	No	Surgery	Null	Immunotherapy	
National	Yes, 246345	No	No	Chemotherapy	Null	Surgery	
With Discription 1         No.         Immunotherapy (m. 2005)         Source (m. 2005)         Mode (m. 2005)         Mod (m. 2005)         Mode (m. 2005)         Mod (m. 2005)         Mode	Yes, 246415	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
New   About   New   New   Commontance   Pargeted Tensory   New   Received Tensory   New   Received Tensory   Immunotheracy	Yes, 246460	Yes	Yes	Immunotherapy	Null	Chemotherapy	
Very Applies   No	Yes, 246594	Yes	No	Immunotherapy	Targeted Therapy	Surgery	
Very 2-2-110  Very   No	Yes, 246789	Yes	No	Chemotherapy	Targeted Therapy	Null	
Vis. 2017-12 No	Yes, 246813	No	Yes	Radiation Therapy	Null	Surgery	
Ves. 247825 No         No         Chembharopy         Chembharopy         Null           Ves. 247825 No         No         Radidoton Terlogo         Null         Null           Ves. 24835 No         Yes         No         Radidoton Terlogo         Null         Null           Ves. 24836 No         Yes         Saddoton Terlogo         Null         Null           Ves. 24836 No         Yes         Chambharopy         Chembharopy         Chembharopy           Yes, 24836 No         Yes         Chambharopy         Chembharopy         Chembharopy           Yes, 24836 No         Yes         Chambharopy         Chembharopy         Immunotharopy           Yes, 24836 No         Yes         Surgery         Immunotharopy         Immunotharopy           Yes, 24836 No         Yes         Surgery         Immunotharopy         Null           Yes, 24836 No         No         Chemotharopy         Null           Yes, 24836 No         No         Surgery         Targeted Terlogy           Yes, 24836 No         No         Surgery         Targeted Terlogy           Yes, 25047 Yes         No         Immunotharapy         Null           Yes, 25047 Yes         No         Targeted Terlogy         Null	Yes, 247010	Yes	No	Immunotherapy	Immunotherapy	Targeted Therapy	
Yes, 24781 Yes         Yes         Immunotherapy         Radiation Through         Noll         Noll           Yes, 24781 Yes         Yes         Radiation Through         Noll	Yes, 247162	Yes	No	Surgery	Chemotherapy	Chemotherapy	
Yeb, 24785   Yeb, 24805   Yeb, 248	Yes, 247603	No	No	Chemotherapy	Chemotherapy	Null	
Yea, 24831A Way         Yea         Radiation Triengry (minunchronapy New, 24866)         Very (Minunchronapy New, 248666)         Very (Minunchronapy New, 2486666)         Very (Minunchronapy New, 2486666)         Very (Minunchronapy New, 24	Yes, 247825	Yes	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 248814, No         No         Yea         Surgery         Immunotherapy         Cherrotherapy           Yes, 24876 No         Yes         Cherrotherapy         Cherrotherapy         Immunotherapy         Percent Parapy           Yes, 248878 No         Yes         Cherrotherapy         Immunotherapy         Percent Parapy           Yes, 248878 No         No         Rodation Therapy         Surgery         Immunotherapy           Yes, 248878 No         No         Rodation Therapy         Cherrotherapy           Yes, 248878 No         No         Surgery         Targeted Therapy           Yes, 258878 Yes         No         Immunotherapy         No           Yes, 258978 Yes         No         Immunotherapy         No           Yes, 258978 Yes         No         Targeted Therapy         Pargeted Therapy           Yes, 258978 Yes         No         No         Targeted Therapy         No	Yes, 247834	Yes	No	Radiation Therapy	Null	Null	
Vex., 283776 No.         Ves.         Surgery         Immunetherapy         Immunetherapy           Vex., 283886 No.         Ves.         Charetherapy         Targeted Therapy         Charetherapy         Charetherapy           Vex., 283886 No.         Ves.         Surgery         Immunetherapy         Property           Vex., 283925 Yes.         No.         Roll Charetherapy         Surgery         Immunetherapy           Vex., 283921 No.         No.         Roll Soliton Therapy         Surgery         Immunetherapy           Vex., 283921 No.         No.         Roll Soliton Therapy         Surgery         No.           Vex., 283921 No.         No.         Roll Surgery         Surgery         No.           Vex., 283928 No.         No.         Surgery         Targeted Therapy           Vex., 283928 No.         No.         No.         Surgery         Targeted Therapy           Vex., 283928 No.         No.         No.         Surgery         Roll Soliton Therapy           Vex., 283928 No.         No.         Targeted Therapy         No.           Vex., 283929 No.         No.         Targeted Therapy         No.           Vex., 283929 No.         No.         Targeted Therapy         No.           Vex., 283929 No.         <	Yes, 248305	Yes	Yes	Radiation Therapy	Immunotherapy	Null	
Yex, 28876 No.         Yes         Chemotherapy of Targeted Throngy (Chamotherapy of Chamotherapy of	Yes, 248314	No	No	Radiation Therapy	Chemotherapy	Chemotherapy	
Year, 248882 No.         Yea         Chemotherapy (munuchterapy)         Chemotherapy (munuchterapy)         Chemotherapy (munuchterapy)           Yea, 248925 Yea         No.         Rodiation Therapy (munuchterapy)         Fragetof Therapy (munuchterapy)           Yea, 249051 No.         No.         Rodiation Therapy (munuchterapy)         Chemotherapy (munuchterapy)           Yea, 25015 No.         No.         Surgery         Surgery (munuchterapy)         Value           Yea, 25025 No.         No.         Surgery         Targetof Therapy (munuchterapy)         Value           Yea, 25047 Yea         No.         Immunchterapy (munuchterapy)         No.         Hernotherapy (munuchterapy)         Value           Yea, 25047 Yea         No.         Immunchterapy (munuchterapy)         No.         Hernotherapy (munuchterapy)         No.           Yea, 25047 Yea         No.         Immunchterapy (munuchterapy)         No.         Immunchterapy (munuchterapy)         No.           Yea, 250507 Yea         No.         Immunchterapy (munuchterapy)         No.         Hernotherapy (munuchterapy)         No.           Yea, 26033 Yea         Yea         Yea         Surgery (munuchterapy)         No.           Yea, 26043 Yea         No.         Immunchterapy (munuchterapy)         No.         Hernotherapy (munuchterapy)         No	Yes, 248660	No	Yes	Surgery	Immunotherapy	Surgery	
Yes, 28882 No         Yes         Surgery         Immunotherapy         Targeted Therapy           Yes, 289061 No         No         Robation Therapy         Surgery         Chemotherapy           Yes, 249061 No         No         Chemotherapy         Surgery         Surgery         No           Yes, 250027 No         No         Surgery         Surgery         Null         No           Yes, 250028 No         No         Surgery         Targeted Therapy         Radiation Therapy         Radiation Therapy           Yes, 2500407 Yes         No         Immunotherapy         Radiation Therapy         Radiation Therapy           Yes, 2500408 No         Yes         Chemotherapy         Radiation Therapy         Null           Yes, 250048 No         Yes         No         Targeted Therapy         Null           Yes, 25005 Yes         No         Targeted Therapy         Null         Chemotherapy         Null           Yes, 25005 Yes         No         Targeted Therapy         Null         Null         Null           Yes, 26003 Yes         No         Targeted Therapy         Null         Null         Null           Yes, 26003 Yes         No         Targeted Therapy         Null         Null         Null	Yes, 248776	No	Yes	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 2489E3 Yes         No         Radiation Thorapy         Surgery         Immunotherapy           Yes, 2489E1 No         No         Chemotherapy         Chemotherapy         Chemotherapy           Yes, 2502E No         No         Surgery         Chemotherapy         Chemotherapy           Yes, 2502E No         No         Surgery         Targeted Therapy         Property           Yes, 2504E No         No         Immunotherapy         Chemotherapy         Property           Yes, 2504F Yes         No         Immunotherapy         Radiation Therapy         Null           Yes, 2504F Yes         No         Immunotherapy         Surgery         Immunotherapy         Chemotherapy           Yes, 25050 Yes         No         Immunotherapy         Chemotherapy         Chemotherapy           Yes, 25050 Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 26058 No         Yes	Yes, 248846	No	Yes	Chemotherapy	Targeted Therapy	Chemotherapy	
Yex, 249140 No         No         Chemotherapy         Rediction Therapy         Chemotherapy           Yex, 249140 No         No         No         Rediction Therapy         Chemotherapy         Surgery           Yex, 25025 No         No         Surgery         Surgery         Null           Yex, 25040 Yex         No         Surgery         Registed Therapy           Yex, 25049 No         Yes         Chemotherapy         Rediction Therapy           Yex, 250502 Yex         No         Targeted Therapy         Null           Yex, 250502 Yex         No         Targeted Therapy         Null           Yex, 250502 Yex         No         Targeted Therapy         Null           Yex, 250503 Yex         No         Targeted Therapy         Null         Chemotherapy           Yex, 25057 Yex         No         Targeted Therapy         Null         Chemotherapy         Null           Yex, 25053 Yex         No         Targeted Therapy         Null         Rediction Therapy         Null           Yex, 260363 Yex         No         Targeted Therapy         Null         Rediction Therapy         Null           Yex, 260364 Yex         No         Targeted Therapy         Null         Null         Null           Yex, 2	Yes, 248882	No	Yes	Surgery	Immunotherapy	Targeted Therapy	
Yes, 240140 No.         No.         Radiation Therapy         Chemotherapy         Surgery         Will           Yes, 250227 No.         No.         Surgery         Surgery         Yold No.         Surgery         Surgery         Yold No.         No.         Surgery         Targeted Therapy         Radiation Therapy         No.         No.         Immunotherapy         Rodiation Therapy         No.         No.         Immunotherapy         Rodiation Therapy         No.         No.         Immunotherapy         No.         No.         Immunotherapy         Rodiation Therapy         No.         No.         Immunotherapy         No.         No.         Immunotherapy         Chemotherapy         No.         No.         Immunotherapy         No.         No.         No.         No.         Immunotherapy         No.         No	Yes, 248925	Yes	No	Radiation Therapy	Surgery	Immunotherapy	
Yex. 2,50267 No         No         Surgery         Surgery         Mol           Yex. 2,50268 No         No         Surgery         Targeted Therapy         Radiation Therapy           Yex. 2,5047 Yes         No         Immunotherapy         Chemotherapy         Radiation Therapy           Yex. 2,50474 Yes         No         Immunotherapy         Surgery         Immunotherapy           Yex. 2,50508 Yes         No         Targeted Therapy         Targeted Therapy         Targeted Therapy           Yex. 2,50507 Yes         No         Targeted Therapy         Null         Chemotherapy         Analysis           Yex. 2,50507 Yes         No         Targeted Therapy         Null         Chemotherapy         Null           Yex. 2,60236 No         Yes         Chemotherapy         Null         Radiation Therapy           Yex. 2,60236 No         Yes         Surgery         Null         Null           Yex. 2,60236 No         No         Targeted Therapy         Radiation Therapy           Yex. 2,60236 No         No         Surgery         Null         Null           Yex. 2,60237 Yes         Yes         Surgery         Chemotherapy         Radiation Therapy           Yex. 2,60238 No         No         Chemotherapy         Null	Yes, 249061	No	No	Chemotherapy	Radiation Therapy	Chemotherapy	
Yex, 250258 No         No         Surgery         Targeted Therapy         Targeted Therapy           Yex, 250479 Yes         No         Immunotherapy         Radiation Therapy           Yex, 25048 No         Yes         Chemotherapy         Radiation Therapy         Mull           Yex, 250927 Yes         No         Immunotherapy         Immunotherapy         Immunotherapy           Yex, 250937 Yes         No         Immunotherapy         Yull         Chemotherapy           Yex, 26033 No         Yes         Targeted Therapy         Yull         Chemotherapy           Yex, 26033 No         Yes         Targeted Therapy         Yull         Radiation Therapy           Yex, 26034 No         No         Immunotherapy         Yull         Radiation Therapy           Yex, 26034 No         No         Immunotherapy         Yull         Null           Yex, 26034 No         No         Immunotherapy         Yull         Null           Yex, 26034 No         No         Surgery         Null         Null           Yex, 26034 No         No         Surgery         Null         Null           Yex, 26034 No         No         Chemotherapy         Radiation Therapy           Yex, 26034 No         No         Chemotherapy	Yes, 249140	No	No	Radiation Therapy	Chemotherapy	Surgery	
Yes, 260407 Yes         No         Immunotherapy         Chemotherapy         Rolation Therapy         Rolation Therapy           Yes, 260744 Yes         No         Immunotherapy         Mindigord         Mindigord<	Yes, 250027	No	No	Surgery	Surgery	Null	
Yes, 250498         No         Yes         Chemotherapy         Radiation Therapy         Null           Yes, 250902         Yes         No         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 250902         Yes         No         Immunotherapy         Null         Chemotherapy           Yes, 26093         Yes         Yes         Chemotherapy         Yes         Targeted Therapy         Yes           Yes, 26093         Yes         Yes         Chemotherapy         Yes         Yes           Yes, 26093         Yes         No         Immunotherapy         Yes         Yes           Yes, 26094         Yes         Targeted Therapy         Null         Radiation Therapy           Yes, 26094         Yes         Targeted Therapy         Null         Radiation Therapy           Yes, 26094         Yes         Surgery         Immunotherapy         Yes           Yes, 26091         Yes         Surgery         Null         Null         Null           Yes, 26092         No         No         Chemotherapy         Null         Null           Yes, 26094         Yes         Radiation Therapy         Null         Null           Yes, 261393         Yes	Yes, 250285	No	No	Surgery	Targeted Therapy	Targeted Therapy	
Yes, 25004 Yes         No         Immunotherapy         Surgery         Immunotherapy         Lemotherapy           Yes, 25007 Yes         No         Immunotherapy         Null         Chemotherapy         Null         Chemotherapy           Yes, 26023 Yes         Yes         Chemotherapy         Targeted Therapy         Surgery         Null         No         Fernance         Null         No         Null	Yes, 250407	Yes	No	Immunotherapy	Chemotherapy	Radiation Therapy	
Yes, 250902         Yes         No         Targeted Therapy         Chemotherapy         Homotherapy         Chemotherapy         Chemotherapy         Yes, 25078         Yes         No         Immunotherapy         August         Chemotherapy         Yes         Yes         Changed Therapy         No         Targeted Therapy         Surgery         No         Immunotherapy         Yes         No         Immunotherapy         Null         Yes	Yes, 250498	No	Yes	Chemotherapy	Radiation Therapy	Null	
Ves. 251075         Ves         No         Immunotherapy         Null         Chemotherapy           Yes, 260376         Yes         Chemotherapy         Targeted Therapy         Null         Radiation Therapy           Yes, 260363         Yes         No         Immunotherapy         Surgery         Null           Yes, 260367         Yes         No         Targeted Therapy         Null         Radiation Therapy           Yes, 260361         Yes         No         Targeted Therapy         Radiation Therapy           Yes, 260371         Yes         Surgery         Immunotherapy         Chemotherapy           Yes, 260381         Yes         No         Surgery         Chemotherapy           Yes, 260391         Yes         Surgery         Chemotherapy         Null           Yes, 260392         No         No         Chemotherapy         Null         Null           Yes, 260394         Yes         No         Immunotherapy         Null         Null           Yes, 260395         Yes         No         Chemotherapy         Radiation Therapy         Radiation Therapy           Yes, 261375         Yes         No         Immunotherapy         Radiation Therapy         Immunotherapy           Yes, 26137	Yes, 250744	Yes	No	Immunotherapy	Surgery	Immunotherapy	
Yes, 260293         Yes         Chemotherapy         Targeted Therapy         Surgery           Yes, 260336         No         Yes         Targeted Therapy         Null         Radiation Therapy           Yes, 260363         Yes         No         Immunotherapy         Surgery         Null           Yes, 260361         Yes         Yes         Surgery         Immunotherapy         Surgery           Yes, 260313         Yes         No         Surgery         Immunotherapy         Null           Yes, 260314         Yes         Yes         Surgery         Null         Surgery           Yes, 260310         Yes         Yes         Surgery         Radiation Therapy           Yes, 260321         Yes         No         Chemotherapy         Null         Null           Yes, 260347         Yes         No         Immunotherapy         Null         Null           Yes, 260375         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 261375         Yes         No         Immunotherapy         Radiation Therapy           Yes, 261376         No         No         Immunotherapy         Immunotherapy           Yes, 261377         No         No	Yes, 250902	Yes	No	Targeted Therapy	Targeted Therapy	Chemotherapy	
Ves. 26038   No         Ves         Targeted Therapy         Null         Radiation Therapy           Ves. 260363   Ves         No         Immunotherapy         Surgery         Null           Ves. 26064   Ves         No         Targeted Therapy         Rull           Ves. 26065   Ves         Ves         Surgery         Immunotherapy         Chemotherapy           Ves. 26031   Ves         No         Surgery         Null         Surgery           Ves. 260910   Ves         Ves         Surgery         Null         Null           Ves. 260910   Ves         Ves         Surgery         Null         Null           Ves. 260920   Ves         No         Chemotherapy         Radiation Therapy           Ves. 260937   Ves         No         Chemotherapy         Null         Null           Ves. 260947   Ves         No         Radiation Therapy         Null         Null           Ves. 260937   Ves         No         Radiation Therapy         Null         Null           Ves. 261375   Ves         No         Immunotherapy         Surgery         Null           Ves. 26173   No         No         Immunotherapy         Null           Ves. 262179   Ves         No         Surgeted Therapy         Null <t< td=""><td>Yes, 251075</td><td>Yes</td><td>No</td><td>Immunotherapy</td><td>Null</td><td>Chemotherapy</td><td></td></t<>	Yes, 251075	Yes	No	Immunotherapy	Null	Chemotherapy	
Yes, 260363         Yes         No         Immunotherapy         Surgery         Null           Yes, 260664         Yes         No         Targeted Therapy         Radiation Therapy         Surgery           Yes, 260631         Yes         Yes         Surgery         Immunotherapy         Chemotherapy           Yes, 260910         Yes         Yes         Surgery         Null         Surgery           Yes, 260937         Yes         Yes         Surgery         Chemotherapy         Radiation Therapy           Yes, 260947         Yes         No         Chemotherapy         Null         Null           Yes, 260958         Yes         No         Chemotherapy         Surgery         Immunotherapy           Yes, 260974         Yes         No         Chemotherapy         Surgery         Immunotherapy           Yes, 261375         Yes         No         Immunotherapy         Radiation Therapy         Immunotherapy           Yes, 261375         No         Radiation Therapy         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 261373         No         No         Immunotherapy         Radiation Therapy         Immunotherapy           Yes, 262312         Yes         No         I	Yes, 260293	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery	
Yes, 26064         Yes         No         Targeted Therapy         Radiation Therapy         Surgery           Yes, 260613         Yes         Yes         Surgery         Immunotherapy         Chemotherapy           Yes, 260813         Yes         Yes         Surgery         Null         Surgery           Yes, 260819         Yes         Yes         Surgery         Chemotherapy         Null           Yes, 260929         No         No         Chemotherapy         Null         Null           Yes, 260947         Yes         No         Immunotherapy         Null         Null           Yes, 260958         Yes         No         Chemotherapy         Null         Null           Yes, 260947         Yes         No         Chemotherapy         Surgery         Immunotherapy           Yes, 261975         Yes         No         Chemotherapy         Null         Null           Yes, 261975         Yes         No         Radiation Therapy         Mail         Null           Yes, 261976         No         No         Radiation Therapy         Mull         Yes           Yes, 262197         Yes         No         Immunotherapy         Radiation Therapy         Null <t< td=""><td>Yes, 260336</td><td>No</td><td>Yes</td><td>Targeted Therapy</td><td>Null</td><td>Radiation Therapy</td><td></td></t<>	Yes, 260336	No	Yes	Targeted Therapy	Null	Radiation Therapy	
Yes         Yes         Surgery         Immunotherapy         Chemotherapy           Yes, 260813         Yes         No         Surgery         Null         Surgery           Yes, 260910         Yes         Yes         Surgery         Chemotherapy         Radiation Therapy           Yes, 260927         No         No         Chemotherapy         Null         Null           Yes, 260947         Yes         No         Chemotherapy         Null         Null           Yes, 260947         Yes         No         Chemotherapy         Null         Null           Yes, 260948         Yes         No         Chemotherapy         Surgery         Immunotherapy           Yes, 261375         Yes         No         Immunotherapy         Radiation Therapy         Radiation Therapy           Yes, 261373         Yes         No         Radiation Therapy         Radiation Therapy         Targeted Therapy           Yes, 262173         Yes         No         Immunotherapy         Radiation Therapy         Null           Yes, 262229         Yes         No         Surgery         Targeted Therapy         Null           Yes, 262332         Yes         No         Targeted Therapy         Null         Targeted Therapy	Yes, 260363	Yes	No	Immunotherapy	Surgery	Null	
Yes, 260813         Yes         No         Surgery         Null         Surgery         Chemotherapy         Radiation Therapy           Yes, 260929         No         No         Chemotherapy         Null	Yes, 260664	Yes	No	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 26031 Yes Yes Surgery Chemotherapy Radiation Therapy Pour Chemotherapy Null Null Pour Chemotherapy Radiation Therapy Radiation Therapy Pour Chemotherapy Radiation Therapy Null Null Pour Chemotherapy Null Pour Chemotherapy Null Pour Chemotherapy Null Pour Chemotherapy Pour Chemothe	Yes, 260691	Yes	Yes	Surgery	Immunotherapy	Chemotherapy	
Yes, 260947 Yes No Immunotherapy Null Null Null Yes, 260947 Yes No Immunotherapy Null Null Yes, 260947 Yes No Chemotherapy Null Null Yes, 260947 Yes No Chemotherapy Null Null Yes, 260947 Yes Yes Radiation Therapy Null Null Yes, 261947 Yes No Immunotherapy Targeted Therapy Radiation Therapy Null Yes, 26195 Yes No Radiation Therapy Radiation Therapy Null Yes, 26195 No No Immunotherapy Surgery Null Yes, 26197 No No Immunotherapy Radiation Therapy Null Yes, 26197 Yes No Surgery Targeted Therapy Null Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262032 Yes No Targeted Therapy Null Yes, 262039 Yes No Targeted Therapy Null Yes, 262040 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Targeted Therapy Null Radiation Therapy Yes, 262040 Yes No Yes Surgery Immunotherapy Yes, 262040 Yes No Yes Surgery Immunotherapy	Yes, 260813	Yes	No	Surgery	Null	Surgery	
Yes, 260947 Yes No Immunotherapy Null Null Yes, 260958 Yes No Chemotherapy Surgery Immunotherapy Yes, 260974 Yes Yes Radiation Therapy Null Null Yes, 261375 Yes No Immunotherapy Targeted Therapy Radiation Therapy Yes, 261375 Yes No Radiation Therapy Radiation Therapy Yes, 261375 No No Immunotherapy Surgery Null Yes, 261373 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 261373 No No Immunotherapy Radiation Therapy Null Yes, 261373 No No Immunotherapy Radiation Therapy Null Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262325 Yes Yes Immunotherapy Immunotherapy Yes, 262325 Yes No Targeted Therapy Null Targeted Therapy Yes, 262326 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262326 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262326 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262326 Yes No Targeted Therapy Null Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 260910	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
Yes, 26095 Yes No Chemotherapy Surgery Immunotherapy Yes, 260974 Yes Yes Radiation Therapy Null Null Yes, 261375 Yes No Immunotherapy Targeted Therapy Radiation Therapy Yes, 261393 Yes No Radiation Therapy Radiation Therapy Null Yes, 261676 No No Immunotherapy Surgery Null Yes, 261773 No No Immunotherapy Radiation Therapy Null Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262321 Yes No Targeted Therapy Null Yes, 262322 Yes No Targeted Therapy Null Yes, 262322 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Targeted Therapy Yes, 262406 No Yes Surgery Immunotherapy Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery Yes, 262406 No Yes Surgery Immunotherapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 260929	No	No	Chemotherapy	Null	Null	
Yes, 260974 Yes Yes Radiation Therapy Null Null Yes, 261375 Yes No Immunotherapy Targeted Therapy Radiation Therapy Yes, 261393 Yes No Radiation Therapy Radiation Therapy Immunotherapy Yes, 261676 No No Immunotherapy Surgery Null Yes, 261773 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262129 Yes Yes Immunotherapy Immunotherapy Yes, 26232 Yes No Targeted Therapy Null Targeted Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 260947	Yes	No	Immunotherapy	Null	Null	
Yes, 261375 Yes No Immunotherapy Targeted Therapy Radiation Therapy Yes, 261393 Yes No Radiation Therapy Radiation Therapy Immunotherapy Yes, 261676 No No Immunotherapy Surgery Null Yes, 261773 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262032 Yes No Targeted Therapy Null Targeted Therapy Yes, 262332 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Immunotherapy Yurnotherapy Surgery Radiation Therapy Yurnotherapy Null Radiation Therapy Yurnotherapy Yurnotherapy Null Radiation Therapy Yurnotherapy Yurnotherapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 260965	Yes	No	Chemotherapy	Surgery	Immunotherapy	
Yes, 261393 Yes No Radiation Therapy Radiation Therapy Immunotherapy Yes, 261676 No No Immunotherapy Surgery Null Yes, 261773 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262129 Yes Yes Immunotherapy Immunotherapy Immunotherapy Yes, 262332 Yes No Targeted Therapy Null Targeted Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262405 No Yes Surgery Immunotherapy Surgery Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 260974	Yes	Yes	Radiation Therapy	Null	Null	
Yes, 261676 No No Immunotherapy Surgery Null Yes, 261773 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262129 Yes Yes Immunotherapy Immunotherapy Immunotherapy Yes, 262322 Yes No Targeted Therapy Null Targeted Therapy Yes, 262332 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 261375	Yes	No	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 261773 No No Immunotherapy Radiation Therapy Targeted Therapy Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262129 Yes No Targeted Therapy Null Targeted Therapy Null Targeted Therapy Null Targeted Therapy Null Targeted Therapy Yes, 262332 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 261393	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 262031 Yes No Surgery Targeted Therapy Null Yes, 262129 Yes Yes Immunotherapy Immunotherapy Immunotherapy Yes, 262332 Yes No Targeted Therapy Null Targeted Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 261676	No	No	Immunotherapy	Surgery	Null	
Yes, 262129 Yes Yes Immunotherapy Immunotherapy Immunotherapy Yes, 262332 Yes No Targeted Therapy Null Targeted Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 261773	No	No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 262332 Yes No Targeted Therapy Null Targeted Therapy Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 262031	Yes	No	Surgery	Targeted Therapy	Null	
Yes, 262369 Yes No Radiation Therapy Surgery Radiation Therapy Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262406 No Yes Surgery Immunotherapy Surgery	Yes, 262129	Yes	Yes	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 262402 Yes No Targeted Therapy Null Radiation Therapy Yes, 262466 No Yes Surgery Immunotherapy Surgery	Yes, 262332	Yes	No	Targeted Therapy	Null	Targeted Therapy	
Yes, 262466 No Yes Surgery Immunotherapy Surgery	Yes, 262369	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	
	Yes, 262402	Yes	No	Targeted Therapy	Null	Radiation Therapy	
0 1	Yes, 262466	No	Yes	Surgery	Immunotherapy	Surgery	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 262660	No	Yes	Immunotherapy	Null	Immunotherapy
Yes, 362700	Yes	Yes	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 363147	Yes	Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 363439	Yes	Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 363590	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 363721	No	Yes	Radiation Therapy	Surgery	Null Section 1 Section 1 Section 2 S
Yes, 364317	No	No	Targeted Therapy	Surgery	Chemotherapy
Yes, 364326	Yes	No	Surgery	Radiation Therapy	Chemotherapy
Yes, 364566	No	Yes	Targeted Therapy	Radiation Therapy	Surgery Surgery
Yes, 364584	No	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 364618	Yes	Yes	Immunotherapy	Surgery	Surgery Surgery
Yes, 364636	Yes	Yes	Targeted Therapy	Null	Chemotherapy
Yes, 364751	Yes	Yes	Targeted Therapy	Radiation Therapy	Null Section 1 Section 1 Section 2 S
Yes, 364760	Yes	Yes	Surgery	Immunotherapy	Null Supplies the
Yes, 364812		No	Immunotherapy	Surgery	Immunotherapy
Yes, 364964		No	Chemotherapy	Null	Immunotherapy
Yes, 365055		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 365091		No	Immunotherapy	Null	Radiation Therapy
Yes, 365125		Yes	Chemotherapy	Surgery	Surgery
Yes, 365374		No	Surgery	Immunotherapy	Targeted Therapy
Yes, 365426		Yes	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 365453		Yes	Immunotherapy	Immunotherapy	Surgery
Yes, 365480		Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 365824		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 366003		Yes	Surgery	Targeted Therapy	Targeted Therapy
Yes, 366252		No	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 366289		No	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 366340		No	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 366368		No	Targeted Therapy	Immunotherapy	Null
Yes, 366395		Yes	Immunotherapy	Surgery	Targeted Therapy
Yes, 366438		Yes	Targeted Therapy	Immunotherapy	Chemotherapy
Yes, 366447		Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 366535		No	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 366544		Yes	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 366571		No	Chemotherapy	Surgery	Radiation Therapy
Yes, 366632		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 366696		No	Immunotherapy	Null	Chemotherapy
Yes, 366711		No	Chemotherapy	Immunotherapy	Surgery
Yes, 366960		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 367051		No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 367088		Yes	Targeted Therapy	Immunotherapy	Null
Yes, 367112		No	Chemotherapy	Null	Surgery
Yes, 367158		Yes	Surgery	Null	Immunotherapy
Yes, 367398		No	Targeted Therapy	Null	Chemotherapy
Yes, 367459		Yes	Chemotherapy	Null	Surgery Surgery
Yes, 367662		No	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 367936		Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 367954		No	Chemotherapy	Null	Immunotherapy
Yes, 367972		No	Immunotherapy	Immunotherapy	Surgery
103, 307372	. 10		manocherapy	manocherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 368407	No	Yes	Targeted Therapy	Immunotherapy	Radiation Therapy	
Yes, 368443	No	No	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 368540	No	No	Immunotherapy	Null	Radiation Therapy	
Yes, 368647	Yes	Yes	Surgery	Chemotherapy	Chemotherapy	
Yes, 368771	No	No	Surgery	Surgery	Null	
Yes, 368805	No	No	Surgery	Immunotherapy	Chemotherapy	
Yes, 369109	No	No	Radiation Therapy	Null	Surgery	
Yes, 369446	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy	
Yes, 369668	Yes	Yes	Surgery	Chemotherapy	Radiation Therapy	
Yes, 369686	No	Yes	Targeted Therapy	Null	Null	
Yes, 369695	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy	
Yes, 369792		No	Chemotherapy	Immunotherapy	Null	
Yes, 369817		No	Radiation Therapy	Null	Immunotherapy	
Yes, 369905		No	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 369950		No	Chemotherapy	Targeted Therapy	Null	
Yes, 371034		No	Chemotherapy	Null	Null	
Yes, 371140		No	Radiation Therapy	Surgery	Surgery	
Yes, 371760		Yes	Chemotherapy	Radiation Therapy	Immunotherapy	
Yes, 371830		No	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 371928		Yes	Surgery	Null	Targeted Therapy	
Yes, 371982		No	Targeted Therapy	Immunotherapy	Immunotherapy	
es, 372000		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
es, 372028		Yes	Surgery	Null	Surgery	
es, 372073		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
res, 372082		Yes	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 372222		No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 372329		No	Immunotherapy	Chemotherapy	Null	
Yes, 372578		Yes	Chemotherapy	Surgery	Null	
Yes, 372718		Yes	Targeted Therapy	Null	Surgery	
res, 372958		No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 373085		No	Radiation Therapy	Immunotherapy	Radiation Therapy	
res, 373526		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
es, 373827		Yes	Chemotherapy	Chemotherapy	Chemotherapy	
es, 373027 es, 374024		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
es, 374024/es, 374112		No	Chemotherapy	Targeted Therapy	Targeted Therapy	
es, 374343 (es, 374343		No		Null		
res, 374343 res, 374440		No	Immunotherapy		Radiation Therapy Null	
res, 374440 res, 374592		No	Surgery	Radiation Therapy Immunotherapy		
			Chemotherapy Immunotherapy		Chemotherapy	
res, 374927		Yes		Surgery Null	Chemotherapy	
res, 375106 res, 375230		Yes	Immunotherapy Chemotherapy	Radiation Therapy	Chemotherapy Null	
Yes, 375319		Yes	Surgery	Chemotherapy	Radiation Therapy	
Yes, 375373		No	Radiation Therapy	Null	Null	
Yes, 375407		Yes	Chemotherapy	Surgery	Immunotherapy	
Yes, 375489		Yes	Chemotherapy	Immunotherapy	Targeted Therapy	
Yes, 375540		Yes		Null	Immunotherapy	
Yes, 375568		Yes	Targeted Therapy	Null	Null	
Yes, 375692		No No	Targeted Therapy Chemotherapy	Null	Targeted Therapy	
Yes, 375708				Surgery	Surgery	

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Yes, 375735	No	No	Surgery	Immunotherapy	Targeted Therapy
Yes, 375744	Yes	Yes	Targeted Therapy	Null	Radiation Therapy
Yes, 375841	No	Yes	Immunotherapy	Immunotherapy	Null
Yes, 375939	No	Yes	Chemotherapy	Chemotherapy	Null
Yes, 375984	Yes	No	Immunotherapy	Null	Surgery
Yes, 376242	Yes	Yes	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 376288	No	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 376446	Yes	Yes	Radiation Therapy	Chemotherapy	Surgery
Yes, 376668	Yes	No	Immunotherapy	Chemotherapy	Surgery
Yes, 376677	Yes	Yes	Surgery	Radiation Therapy	Targeted Therapy
Yes, 376695	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 376987	Yes	Yes	Immunotherapy	Surgery	Radiation Therapy
Yes, 377069	No	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 377111	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 377218	Yes	Yes	Surgery	Surgery	Radiation Therapy
Yes, 377272		No	Surgery	Null	Null
Yes, 377281	Yes	Yes	Surgery	Targeted Therapy	Null
Yes, 377449		No	Immunotherapy	Targeted Therapy	Surgery
Yes, 377458		No	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 377485		Yes	Immunotherapy	Targeted Therapy	Null
Yes, 377546		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 377564		No	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 378105		Yes	Surgery	Null	Radiation Therapy
Yes, 378406		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 378576		Yes	Surgery	Null	Immunotherapy
Yes, 379135		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 379746		Yes	Immunotherapy	Null	Null
Yes, 379782		No	Targeted Therapy	Radiation Therapy	Null
Yes, 380359		Yes	Chemotherapy	Surgery	Immunotherapy
Yes, 380368		Yes	Surgery	Null	Immunotherapy
Yes, 380401		Yes	Radiation Therapy	Chemotherapy	Null
Yes, 380438		Yes	Surgery	Targeted Therapy	Surgery
Yes, 380456		No	Radiation Therapy	Null	Null
Yes, 380465		No	Targeted Therapy	Null	Null
Yes, 380474		Yes	Targeted Therapy		Surgery
				Surgery	
Yes, 381282		No	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 381325		No	Surgery	Immunotherapy	Null
Yes, 381334		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 381352		Yes	Targeted Therapy	Surgery	Null
Yes, 381370		Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 381404		Yes	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 381529		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 381617		Yes	Surgery	Radiation Therapy	Null
Yes, 381635		Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 381699	Yes	Yes	Chemotherapy	Immunotherapy	Null
Yes, 381732	Yes	No	Radiation Therapy	Null	Null
Yes, 381741	Yes	Yes	Chemotherapy	Null	Null
Yes, 381866	No	No	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 381909	Yes	Yes	Surgery	Radiation Therapy	Surgery

Yes, 382276 Yes Yes, 382416 Yes Yes, 382461 No Yes, 382504 No Yes, 382771 Yes Yes, 382902 No Yes, 382902 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 383162 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383372 Yes Yes, 383765 Yes Yes, 383792 No Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384412 Yes Yes, 384412 Yes Yes, 384412 Yes Yes, 387235 Yes Yes, 387819 Yes Yes, 387819 Yes Yes, 388043 No Yes, 387819 Yes Yes, 389727 No Yes, 381564 Yes Yes, 391564 No Yes, 391564 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392257 Yes Yes, 392257 Yes Yes, 392354 Yes Yes, 392798 Yes	Yes Yes No No No Yes No Yes No Yes No Yes Yes Yes No No No No No No Yes Yes Yes Yes Yes Yes	Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery	Null Radiation Therapy Immunotherapy Surgery Surgery Null Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null Imul Imunotherapy Targeted Therapy Null	Radiation Therapy Chemotherapy Targeted Therapy Null Immunotherapy Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Radiation Therapy Radiation Therapy Radiation Therapy Targeted Therapy Radiation Therapy Targeted Therapy Themotherapy Rull Surgery Immunotherapy Radiation Therapy
Yes, 382461 No Yes, 382504 No Yes, 382771 Yes Yes, 382902 No Yes, 382957 Yes Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 3833172 Yes Yes, 383364 No Yes, 383765 Yes Yes, 383765 Yes Yes, 383765 Yes Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 No Yes, 387235 Yes Yes, 389727 No Yes, 391005 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392257 Yes Yes, 392354 Yes	No No Yes No Yes No Yes No Yes Yes Yes No No No No No No Yes Yes No No Yes Yes No Yes Yes No Yes Yes No Yes Yes No Yes	Chemotherapy Radiation Therapy Targeted Therapy Surgery Immunotherapy Radiation Therapy Radiation Therapy Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Immunotherapy Surgery Ladiation Therapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Immunotherapy Radiation Therapy Surgery Surgery Null Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null Immunotherapy Targeted Therapy	Targeted Therapy Targeted Therapy Null Immunotherapy Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Immunotherapy Targeted Therapy Immunotherapy Targeted Therapy Immunotherapy Surgery Immunotherapy Null Surgery Immunotherapy
Yes, 382504 No Yes, 382771 Yes Yes, 382902 No Yes, 382957 Yes Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 3833172 Yes Yes, 383364 No Yes, 383765 Yes Yes, 383765 Yes Yes, 383792 No Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 No Yes, 387235 Yes Yes, 389727 No Yes, 391005 No Yes, 391005 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No Yes No Yes No Yes No Yes Yes Yes No No No No No No Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes	Radiation Therapy Targeted Therapy Surgery Immunotherapy Targeted Therapy Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Chemotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Immunotherapy Surgery Immunotherapy Surgery Ladiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Radiation Therapy Surgery Surgery Null Immunotherapy Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Targeted Therapy Null Immunotherapy Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Immunotherapy Targeted Therapy Immunotherapy Chemotherapy Null Surgery Immunotherapy
Yes, 382771 Yes Yes, 382902 No Yes, 382957 Yes Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383364 No Yes, 383765 Yes Yes, 383765 Yes Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387237 No Yes, 387236 No Yes, 387240 No Yes, 389727 No Yes, 39105 No Yes, 39105 No Yes, 391564 Yes Yes, 391582 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes No Yes No Yes No Yes Yes Yes No No No No No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes No Yes Yes Yes	Targeted Therapy Surgery Immunotherapy Targeted Therapy Radiation Therapy Chemotherapy Radiation Therapy Radiation Therapy Surgery Immunotherapy Chemotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Targeted Therapy Chemotherapy Chemotherapy Targeted Therapy	Surgery Surgery Null Immunotherapy Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null Immunotherapy Targeted Therapy	Null Immunotherapy Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Immunotherapy Targeted Therapy Immunotherapy Targeted Therapy Surgery Lemotherapy Null Surgery Immunotherapy
Yes, 382902 No Yes, 382957 Yes Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383330 Yes Yes, 383364 No Yes, 383792 No Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387237 No Yes, 388520 No Yes, 389727 No Yes, 389727 No Yes, 391005 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392257 Yes	No Yes No Yes Yes Yes No No No No No Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes No Yes	Surgery Immunotherapy Targeted Therapy Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Radiation Therapy Surgery Immunotherapy Surgery Targeted Therapy Chemotherapy Chemotherapy Targeted Therapy	Surgery Null Immunotherapy Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null Immunotherapy Targeted Therapy	Immunotherapy Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Targeted Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 382957 Yes Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383330 Yes Yes, 383364 No Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384254 No Yes, 384254 Yes Yes, 384412 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387237 No Yes, 388520 No Yes, 389727 No Yes, 389727 No Yes, 391005 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes No Yes Yes Yes No No No No No Yes Yes No Yes Yes No Yes Yes Yes Yes Yes No Yes Yes Yes No Yes	Immunotherapy Targeted Therapy Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Null Immunotherapy Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Null Null Immunotherapy Targeted Therapy	Null Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Targeted Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383020 Yes Yes, 383163 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383330 Yes Yes, 383364 No Yes, 383765 Yes Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384254 No Yes, 384254 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387237 No Yes, 389727 No Yes, 391564 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No Yes Yes No No No No No Yes Yes No Yes Yes No Yes	Targeted Therapy Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Immunotherapy Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Radiation Therapy Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383163 Yes Yes, 383172 Yes Yes, 383312 Yes Yes, 383330 Yes Yes, 383464 No Yes, 383765 Yes Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 384725 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 389727 No Yes, 389727 No Yes, 391546 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 391582 Yes Yes, 39257 Yes Yes, 39257 Yes	Yes Yes Yes No No No No No Yes Yes No Yes No Yes Yes Yes No Yes Yes Yes No Yes	Radiation Therapy Chemotherapy Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Targeted Therapy Immunotherapy Immunotherapy Immunotherapy Chemotherapy Immunotherapy Chemotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Surgery Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383172 Yes Yes, 383312 Yes Yes, 383312 Yes Yes, 383330 Yes Yes, 383464 No Yes, 383765 Yes Yes, 383792 No Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 384735 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 387235 Yes Yes, 389727 No Yes, 391546 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 39257 Yes Yes, 39257 Yes	Yes Yes No No No No No Yes Yes No Yes No Yes Yes Yes No Yes Yes No Yes	Chemotherapy Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Chemotherapy Targeted Therapy Targeted Therapy	Immunotherapy Immunotherapy Immunotherapy Chemotherapy Immunotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Chemotherapy Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Radiation Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383312 Yes Yes, 383330 Yes Yes, 383364 No Yes, 383765 Yes Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387819 Yes Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 389727 No Yes, 391546 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392557 Yes Yes, 392354 Yes	Yes No No No No No Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes	Immunotherapy Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Radiation Therapy Chemotherapy Targeted Therapy Targeted Therapy	Immunotherapy Immunotherapy Chemotherapy Immunotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Null Immunotherapy Targeted Therapy	Surgery Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383330 Yes Yes, 383464 No Yes, 383765 Yes Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384412 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387819 Yes Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 3891546 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392557 Yes Yes, 392354 Yes	No No No No Yes Yes No Yes Yes No Yes Yes Yes Yes No Yes	Radiation Therapy Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Immunotherapy Chemotherapy Immunotherapy Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Null Immunotherapy Targeted Therapy	Targeted Therapy Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383464 No Yes, 383765 Yes Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 387819 Yes Yes, 388043 No Yes, 388520 No Yes, 388727 No Yes, 389727 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392557 Yes Yes, 392557 Yes	No No No Yes Yes No Yes Yes No Yes Yes Yes Yes No Yes Yes No Yes	Surgery Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Chemotherapy Immunotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Radiation Therapy Null Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383765 Yes Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 388520 No Yes, 388520 No Yes, 388727 No Yes, 389727 No Yes, 391564 Yes Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No No Yes Yes No Yes Yes No Yes Yes Yes Yes No Yes Yes	Immunotherapy Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Immunotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Null Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383792 No Yes, 383950 Yes Yes, 384193 No Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 388520 No Yes, 388727 No Yes, 389727 No Yes, 391504 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No Yes Yes No Yes Yes No Yes Yes Yes Yes No Yes Yes	Chemotherapy Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Chemotherapy Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Targeted Therapy Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 383950 Yes Yes, 384193 No Yes, 384254 No Yes, 384342 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes Yes No Yes Yes Yes Yes Yes No Yes No Yes	Radiation Therapy Surgery Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Chemotherapy Surgery Chemotherapy Null Null Immunotherapy Targeted Therapy	Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 384193 No Yes, 384242 Yes Yes, 3843412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 389727 No Yes, 391506 No Yes, 391564 Yes Yes, 391564 Yes Yes, 392257 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes No Yes Yes Yes No Yes No Yes	Surgery Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Surgery Chemotherapy Null Null Null Immunotherapy Targeted Therapy	Radiation Therapy Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 384193 No Yes, 384254 No Yes, 384342 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 389150 No Yes, 391564 No Yes, 391564 Yes Yes, 39257 Yes Yes, 39257 Yes Yes, 392354 Yes	Yes No Yes Yes Yes No Yes No Yes	Surgery Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Surgery Chemotherapy Null Null Null Immunotherapy Targeted Therapy	Targeted Therapy Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 384254 No Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 389727 No Yes, 391005 No Yes, 391564 No Yes, 391564 Yes Yes, 39257 Yes Yes, 392354 Yes	No Yes Yes Yes No Yes	Immunotherapy Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Null Null Null Immunotherapy Targeted Therapy	Immunotherapy Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 384342 Yes Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388043 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391562 Yes Yes, 39257 Yes Yes, 392354 Yes	Yes Yes Yes No Yes Yes	Surgery Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Null Null Null Immunotherapy Targeted Therapy	Targeted Therapy Chemotherapy Null Surgery Immunotherapy
Yes, 384412 Yes Yes, 385008 No Yes, 387235 Yes Yes, 388819 Yes Yes, 388520 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392357 Yes Yes, 392354 Yes	Yes Yes No Yes Yes	Radiation Therapy Surgery Targeted Therapy Chemotherapy Targeted Therapy	Null Immunotherapy Targeted Therapy	Chemotherapy Null Surgery Immunotherapy
Yes, 385008 No Yes, 387235 Yes Yes, 388819 Yes Yes, 388520 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes No Yes Yes	Surgery Targeted Therapy Chemotherapy Targeted Therapy	Null Immunotherapy Targeted Therapy	Null Surgery Immunotherapy
Yes, 387235 Yes Yes, 387819 Yes Yes, 388043 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No Yes Yes	Targeted Therapy Chemotherapy Targeted Therapy	Immunotherapy Targeted Therapy	Surgery Immunotherapy
Yes, 387819 Yes Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes Yes	Chemotherapy Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 388043 No Yes, 388520 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes	Targeted Therapy		
Yes, 388520 No Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes				
Yes, 389727 No Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes			Immunotherapy	Immunotherapy
Yes, 391005 No Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No	Targeted Therapy	Null	Immunotherapy
Yes, 391546 No Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No		Null	Immunotherapy
Yes, 391564 Yes Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	No	Targeted Therapy	Surgery	Chemotherapy
Yes, 391582 Yes Yes, 392257 Yes Yes, 392354 Yes	Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 392257 Yes Yes, 392354 Yes	No	Targeted Therapy	Radiation Therapy	Surgery
Yes, 392354 Yes	Yes	Targeted Therapy	Chemotherapy	Targeted Therapy
	No	Targeted Therapy	Null	Null
	No	Targeted Therapy	Radiation Therapy	Null
Yes, 392840 No	Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 393180 Yes	Yes	Chemotherapy	Radiation Therapy	Null
Yes, 393649 Yes	Yes	Immunotherapy	Null	Chemotherapy
Yes, 395195 Yes	No	Chemotherapy	Radiation Therapy	Surgery
Yes, 395362 Yes	Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 395690 Yes	No	Surgery	Surgery	Targeted Therapy
Yes, 397942 No	Yes	Immunotherapy	Null	Surgery
Yes, 398574 Yes	No	Immunotherapy	Targeted Therapy	Targeted Therapy
Yes, 399911 Yes	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 401250 No	Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 401481 Yes	No	Immunotherapy	Null	Chemotherapy
Yes, 402563 Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 402776 No	Yes	Immunotherapy	Null	Chemotherapy
Yes, 402800 No	Yes	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 402828 Yes		Targeted Therapy	Null	Chemotherapy
Yes, 403399 No		Surgery	Radiation Therapy	Null
163, 403333 INU	No No		кашацин птегару	Null

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Yes, 403414	No	No	Radiation Therapy	Null	Immunotherapy
Yes, 403469	No	Yes	Chemotherapy	Surgery	Null
Yes, 403478	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 404082	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 404222	Yes	No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 404365	Yes	Yes	Radiation Therapy	Null	Immunotherapy
Yes, 404383	Yes	Yes	Surgery	Null	Surgery
Yes, 404499	No	No	Radiation Therapy	Radiation Therapy	Surgery
Yes, 404505	Yes	Yes	Immunotherapy	Immunotherapy	Surgery
Yes, 404684	Yes	Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 404718	Yes	Yes	Surgery	Surgery	Surgery
Yes, 404921	Yes	Yes	Targeted Therapy	Surgery	Radiation Therapy
Yes, 404994	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 405021	Yes	Yes	Surgery	Chemotherapy	Null
Yes, 405854	No	Yes	Radiation Therapy	Null	Chemotherapy
Yes, 405979	Yes	No	Radiation Therapy	Immunotherapy	Surgery
Yes, 405988	Yes	Yes	Immunotherapy	Null	Null
Yes, 405997	No	No	Chemotherapy	Surgery	Radiation Therapy
Yes, 406006	No	Yes	Surgery	Null	Radiation Therapy
Yes, 406033	No	No	Targeted Therapy	Null	Null
Yes, 406149	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 406194	Yes	Yes	Targeted Therapy	Surgery	Targeted Therapy
Yes, 406200	No	No	Radiation Therapy	Surgery	Chemotherapy
Yes, 406219	No	Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 406264	Yes	No	Surgery	Null	Null
Yes, 406325		Yes	Immunotherapy	Null	Surgery
Yes, 406361		No	Surgery	Targeted Therapy	Targeted Therapy
Yes, 406495		No	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 406547	No	No	Radiation Therapy	Null	Immunotherapy
Yes, 407009		No	Radiation Therapy	Null	Immunotherapy
Yes, 407054		No	Radiation Therapy		Chemotherapy
Yes, 407063		Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 407151		Yes	Immunotherapy	Null	Surgery
Yes, 407179		Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 407319		No	Radiation Therapy	Null	Surgery
Yes, 407391		Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 407425		Yes	Radiation Therapy	Chemotherapy	Surgery
Yes, 407434		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 407461		No	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 407489		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 407568		Yes	Surgery	Radiation Therapy	Null
Yes, 407577		No	Chemotherapy	Targeted Therapy	Null
Yes, 407577		Yes	Radiation Therapy	Immunotherapy	Surgery
Yes, 407629		No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 407629		No		Null	
			Targeted Therapy		Surgery Padiation Thorany
Yes, 408039		No.	Surgery	Surgery	Radiation Therapy
Yes, 408163		No	Surgery	Radiation Therapy	Chemotherapy
Yes, 408312		No	Targeted Therapy	Null	Radiation Therapy
Yes, 408385	INO	No	Chemotherapy	Radiation Therapy	Null

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Yes, 408394	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery
Yes, 408844	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 408862	Yes	Yes	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 409120	Yes	Yes	Targeted Therapy	Immunotherapy	Null
Yes, 409193	Yes	No	Targeted Therapy	Immunotherapy	Surgery
Yes, 409254	Yes	No	Radiation Therapy	Null	Null
Yes, 409537	No	No	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 409616	No	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 409670		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 409838		Yes	Targeted Therapy	Immunotherapy	Null
Yes, 410034		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 410256		No	Targeted Therapy	Null	Immunotherapy
Yes, 410496		No	Radiation Therapy	Null	Null
Yes, 410502		Yes	Chemotherapy	Immunotherapy	Null
Yes, 410520		No	Surgery		Immunotherapy
Yes, 411055		No	Surgery	Surgery Targeted Therapy	Immunotherapy
Yes, 411055 Yes, 411684		Yes			
			Chemotherapy	Targeted Therapy	Null Dadiation Thoragu
Yes, 412003		No	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 412535		No	Chemotherapy	Null	Radiation Therapy
Yes, 412544		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy
Yes, 412599		No	Targeted Therapy	Null	Chemotherapy
Yes, 413343		Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 413413		No	Surgery	Surgery	Targeted Therapy
Yes, 413635	Yes	Yes	Chemotherapy	Null	Targeted Therapy
Yes, 413680	Yes	Yes	Surgery	Targeted Therapy	Null
Yes, 413820	Yes	No	Radiation Therapy	Null	Chemotherapy
Yes, 413866	Yes	Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 414063	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy
Yes, 414124	Yes	Yes	Chemotherapy	Null	Null
Yes, 414160	No	Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 414461	Yes	Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 414489		Yes	Chemotherapy	Targeted Therapy	Null
Yes, 414540		Yes	Targeted Therapy	Null	Surgery
Yes, 414559		No	Targeted Therapy	Null	Targeted Therapy
Yes, 414568		No	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 414595		No	Surgery	Null	Targeted Therapy
Yes, 414708		No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 414911		No	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 415729		No	Immunotherapy	Null	Chemotherapy
Yes, 415774		Yes	Immunotherapy	Null	Surgery
Yes, 415987		No	Surgery	Targeted Therapy	Immunotherapy
Yes, 416458		Yes	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 416670		No	Surgery	Null	Targeted Therapy
Yes, 416962		Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 417062	No	Yes	Radiation Therapy	Null	Surgery
Yes, 417132	Yes	No	Targeted Therapy	Immunotherapy	Surgery
Yes, 417178	No	Yes	Radiation Therapy	Radiation Therapy	Chemotherapy
Yes, 417187	No	No	Chemotherapy	Surgery	Surgery
Yes, 417248	No	Yes	Surgery	Surgery	Radiation Therapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 417257	No	No	Radiation Therapy	Null	Surgery	
Yes, 417275	Yes	Yes	Immunotherapy	Null	Radiation Therapy	
Yes, 417327	Yes	Yes	Surgery	Immunotherapy	Null	
Yes, 417345	Yes	No	Surgery	Surgery	Null	
Yes, 417406	No	No	Immunotherapy	Null	Surgery	
Yes, 417503	No	Yes	Surgery	Null	Chemotherapy	
Yes, 417549	No	No	Targeted Therapy	Surgery	Chemotherapy	
Yes, 417600	No	Yes	Immunotherapy	Surgery	Null	
Yes, 417628	No	Yes	Surgery	Radiation Therapy	Null	
Yes, 417655	Yes	Yes	Immunotherapy	Surgery	Immunotherapy	
Yes, 417716	No	No	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 417725	No	Yes	Immunotherapy	Null	Null	
Yes, 417752	Yes	No	Surgery	Null	Targeted Therapy	
Yes, 417789	Yes	No	Targeted Therapy	Surgery	Targeted Therapy	
Yes, 417798	Yes	Yes	Immunotherapy	Chemotherapy	Chemotherapy	
Yes, 417868	No	Yes	Surgery	Radiation Therapy	Targeted Therapy	
Yes, 417886		No	Targeted Therapy	Null	Radiation Therapy	
Yes, 417901		No	Surgery	Chemotherapy	Chemotherapy	
Yes, 418001		No	Surgery	Radiation Therapy	Null	
Yes, 418010		Yes	Surgery	Surgery	Chemotherapy	
Yes, 418056		Yes	Radiation Therapy	Surgery	Surgery	
Yes, 418083		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 418126		No	Chemotherapy	Null	Immunotherapy	
Yes, 418171		Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 418205		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 418223		Yes	Radiation Therapy	Immunotherapy	Surgery	
Yes, 418269		Yes	Targeted Therapy	Surgery	Chemotherapy	
Yes, 418278		No	Immunotherapy	Targeted Therapy	Targeted Therapy	
Yes, 418287		Yes	Chemotherapy	Targeted Therapy	Surgery	
Yes, 418296		No	Immunotherapy	Null	Targeted Therapy	
Yes, 418384		Yes	Surgery	Null	Targeted Therapy	
Yes, 418409		No	Targeted Therapy	Null	Immunotherapy	
Yes, 418427		Yes	Surgery	Null	Surgery	
Yes, 418445		No	Surgery	Radiation Therapy	Immunotherapy	
Yes, 418481		No	Immunotherapy	Targeted Therapy	Surgery	
Yes, 418524		Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 418560		No	Targeted Therapy	Null	Radiation Therapy	
Yes, 418588		No	Chemotherapy	Chemotherapy	Chemotherapy	
Yes, 418658		Yes	Immunotherapy	Immunotherapy	Null	
Yes, 418755		Yes	Radiation Therapy	Immunotherapy	Immunotherapy	
Yes, 418764		Yes	Immunotherapy	Surgery	Radiation Therapy	
Yes, 418913		No	Chemotherapy	Null	Targeted Therapy	
Yes, 418968		Yes	Radiation Therapy	Null	Targeted Therapy	
Yes, 419031		Yes	Chemotherapy	Null	Targeted Therapy	
Yes, 419031		Yes				
			Chemotherapy  Radiation Thorapy	Chemotherapy	Chemotherapy Radiation Therapy	
Yes, 419226 Yes, 419244		Yes	Radiation Therapy	Immunotherapy		
		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
Yes, 419253		Yes	Surgery Taxaatad Thaxaay	Chemotherapy	Surgery	
Yes, 419271	r es	Yes	Targeted Therapy	Surgery	Targeted Therapy	
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Number of Records

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 419280	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy		
Yes, 419314	No	No	Immunotherapy	Targeted Therapy	Null		
Yes, 419509	No	No	Immunotherapy	Radiation Therapy	Null		
Yes, 419536	No	Yes	Surgery	Chemotherapy	Surgery		
Yes, 420006	No	No	Chemotherapy	Chemotherapy	Surgery		
Yes, 420042	Yes	Yes	Chemotherapy	Null	Chemotherapy		
Yes, 420103		No	Targeted Therapy	Targeted Therapy	Null		
Yes, 420200		No	Immunotherapy	Chemotherapy	Immunotherapy		
Yes, 420246		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy		
Yes, 420255		No	Immunotherapy	Targeted Therapy	Surgery		
Yes, 420307		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy		
Yes, 420325		No	Immunotherapy	Null	Null		
Yes, 420370		Yes	Chemotherapy	Targeted Therapy	Immunotherapy		
Yes, 420404		No					
			Chemotherapy	Targeted Therapy	Radiation Therapy		
Yes, 420431		Yes	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 420501		No	Surgery	Radiation Therapy	Immunotherapy		
Yes, 420538		Yes	Chemotherapy	Targeted Therapy	Chemotherapy		
Yes, 420556		Yes	Immunotherapy	Immunotherapy	Surgery		
Yes, 420574		Yes	Radiation Therapy	Radiation Therapy	Null		
Yes, 420608		No	Chemotherapy	Immunotherapy	Immunotherapy		
Yes, 420705		No	Radiation Therapy	Radiation Therapy	Radiation Therapy		
'es, 420802	No	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy		
'es, 420866	Yes	No	Surgery	Targeted Therapy	Targeted Therapy		
'es, 420972	Yes	No	Radiation Therapy	Surgery	Radiation Therapy		
res, 421009	Yes	Yes	Radiation Therapy	Null	Targeted Therapy		
Yes, 421018	No	Yes	Chemotherapy	Chemotherapy	Targeted Therapy		
Yes, 421513	Yes	No	Targeted Therapy	Chemotherapy	Surgery		
Yes, 421540	Yes	No	Surgery	Null	Immunotherapy		
Yes, 421586	Yes	Yes	Targeted Therapy	Null	Immunotherapy		
res, 421708	No	Yes	Immunotherapy	Chemotherapy	Radiation Therapy		
es, 421717	Yes	Yes	Surgery	Null	Radiation Therapy		
Yes, 421832		No	Surgery	Null	Surgery		
es, 421896		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
Yes, 422020		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy		
Yes, 422190		Yes	Chemotherapy	Targeted Therapy	Surgery		
es, 423120		Yes	Immunotherapy	Radiation Therapy	Null		
es, 423397		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy		
es, 423582		Yes	Targeted Therapy	Chemotherapy	Immunotherapy		
Yes, 423980		No	Radiation Therapy				
		Yes		Surgery Null	Surgery		
Yes, 425250			Surgery		Immunotherapy		
Yes, 425889		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy		
Yes, 426314		Yes	Targeted Therapy	Surgery	Immunotherapy		
Yes, 427025		No	Targeted Therapy	Null	Radiation Therapy		
Yes, 427919		No	Targeted Therapy	Immunotherapy	Null		
Yes, 427991		Yes	Radiation Therapy	Surgery	Radiation Therapy		
Yes, 428000		No	Chemotherapy	Targeted Therapy	Targeted Therapy		
Yes, 428055		No	Chemotherapy	Null	Surgery		
Yes, 428125	Yes	No	Targeted Therapy	Null	Chemotherapy		
162, 420123			Targeted Therapy	Surgery	Surgery		

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 428259	Yes	Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 428268	Yes	Yes	Radiation Therapy	Targeted Therapy	Null
Yes, 428286	Yes	Yes	Radiation Therapy	Null	Null
Yes, 428295	Yes	No	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 429012	Yes	No	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 429085		No	Immunotherapy	Radiation Therapy	Null
Yes, 429094		Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 429128		No	Surgery	Chemotherapy	Targeted Therapy
Yes, 429599	Yes	No	Chemotherapy	Null	Surgery
Yes, 430050		No	Surgery	Null	Null
Yes, 430148		Yes	Chemotherapy	Chemotherapy	Immunotherapy
Yes, 430175		No	Radiation Therapy	Null	Radiation Therapy
Yes, 430227		No	Surgery	Null	Chemotherapy
Yes, 430245		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 430254		Yes	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 430263		No	Immunotherapy	Targeted Therapy	Targeted Therapy
Yes, 430351		No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 430360		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 430388		Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 430403		No	Surgery	Null	Surgery
Yes, 430564		Yes	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 430591		Yes	Surgery	Surgery	Null
Yes, 430643		Yes	Chemotherapy	Null	Immunotherapy
Yes, 430810		No	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 430883		No	Radiation Therapy	Targeted Therapy Null	Targeted Therapy
Yes, 430935		Yes	Radiation Therapy		Immunotherapy
Yes, 430971		Yes	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 431026		Yes	Radiation Therapy	Null Dadiation Thorany	Surgery
Yes, 431071		No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 431141		No	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 431187		Yes	Surgery	Targeted Therapy	Chemotherapy
Yes, 431309		No	Chemotherapy	Null	Targeted Therapy
Yes, 431558		No	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 431600		No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 431637		Yes	Chemotherapy	Surgery	Chemotherapy
Yes, 431691		Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 431716	Yes	No	Immunotherapy	Immunotherapy	Null
Yes, 431877	Yes	No	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 431886	Yes	No	Immunotherapy	Surgery	Immunotherapy
Yes, 431956	Yes	Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 432074	No	Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 432144	No	No	Chemotherapy	Chemotherapy	Surgery
Yes, 432223	Yes	Yes	Chemotherapy	Null	Targeted Therapy
Yes, 432348	Yes	No	Targeted Therapy	Null	Immunotherapy
Yes, 432384	Yes	No	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 432524		Yes	Surgery	Null	Chemotherapy
Yes, 433101		No	Radiation Therapy	Surgery	Null
Yes, 433138		Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 433387		No	Surgery	Surgery	Immunotherapy
103, -133307	. 03	.40	our gery	our gory	

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 433420	No	No	Radiation Therapy	Null	Immunotherapy		
Yes, 433466	Yes	No	Radiation Therapy	Targeted Therapy	Chemotherapy		
Yes, 433536	Yes	No	Targeted Therapy	Immunotherapy	Targeted Therapy		
Yes, 434016	Yes	Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy		
Yes, 434034	No	Yes	Surgery	Radiation Therapy	Targeted Therapy		
Yes, 434122	No	No	Surgery	Immunotherapy	Null		
Yes, 434140	Yes	No	Immunotherapy	Chemotherapy	Surgery		
Yes, 434274	Yes	No	Chemotherapy	Null	Immunotherapy		
Yes, 434283	Yes	No	Chemotherapy	Targeted Therapy	Radiation Therapy		
Yes, 434317	Yes	No	Surgery	Null	Chemotherapy		
Yes, 434344	Yes	No	Surgery	Null	Immunotherapy		
Yes, 434362		No	Targeted Therapy	Surgery	Targeted Therapy		
Yes, 434414		Yes	Radiation Therapy	Null	Null		
Yes, 434432		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy		
Yes, 434441		Yes	Surgery	Radiation Therapy	Targeted Therapy		
Yes, 434520		No	Radiation Therapy	Immunotherapy	Immunotherapy		
Yes, 434539		Yes	Immunotherapy	Chemotherapy	Immunotherapy		
Yes, 434557		Yes	Targeted Therapy	Chemotherapy	Chemotherapy		
Yes, 434575		No	Surgery	Null	Immunotherapy		
Yes, 434672		No	Surgery	Chemotherapy	Radiation Therapy		
Yes, 434690		No	Surgery	Targeted Therapy	Radiation Therapy		
Yes, 434715		No	Immunotherapy	Chemotherapy	Immunotherapy		
Yes, 434812		No	Surgery	Chemotherapy	Null		
Yes, 434937		Yes	Chemotherapy	Surgery	Targeted Therapy		
Yes, 434964		No	Targeted Therapy	Surgery	Null		
Yes, 434973		Yes	Radiation Therapy	Immunotherapy	Immunotherapy		
Yes, 434982		No	Radiation Therapy	Null	Targeted Therapy		
Yes, 434991		No	Immunotherapy	Targeted Therapy	Radiation Therapy		
Yes, 435000		No	Surgery	Chemotherapy	Chemotherapy		
Yes, 436030		No	Targeted Therapy	Surgery	Null		
Yes, 436067		No	Surgery	Targeted Therapy	Radiation Therapy		
Yes, 436182		Yes	Immunotherapy	Null	Surgery		
Yes, 436191		No	Surgery	Null	Targeted Therapy		
Yes, 436261		No	Chemotherapy	Immunotherapy	Null		
Yes, 436270		No	Targeted Therapy	Immunotherapy	Immunotherapy		
Yes, 436429		Yes	Surgery	Targeted Therapy	Radiation Therapy		
Yes, 436438		No	Radiation Therapy	Radiation Therapy	Null		
Yes, 436465		Yes	Radiation Therapy	Chemotherapy	Targeted Therapy		
Yes, 436483		No	Chemotherapy	Surgery	Chemotherapy		
Yes, 436614		No	Radiation Therapy	Immunotherapy	Targeted Therapy		
Yes, 436827		No	Chemotherapy	Chemotherapy	Immunotherapy		
Yes, 436836		No	Chemotherapy	Immunotherapy	Chemotherapy		
Yes, 430836 Yes, 437042		Yes	Immunotherapy	Chemotherapy			
Yes, 437042 Yes, 437051		Yes	Radiation Therapy	Null	Targeted Therapy		
Yes, 437051 Yes, 437060		No	Immunotherapy		Surgery Null		
				Null Targeted Thorany			
Yes, 437097		Yes	Chemotherapy	Targeted Therapy	Chemotherapy		
Yes, 437237		Yes	Chemotherapy	Surgery	Chemotherapy		
Yes, 437316		No	Radiation Therapy	Chemotherapy	Targeted Therapy		
Yes, 437325	IVO	Yes	Immunotherapy	Null	Null		
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 437343	No	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 437361	Yes	No	Surgery	Immunotherapy	Chemotherapy	
Yes, 437501	No	No	Surgery	Chemotherapy	Targeted Therapy	
Yes, 437556	Yes	No	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 437662	Yes	No	Surgery	Surgery	Surgery	
Yes, 437705	No	No	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 437723	Yes	No	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 437732	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 437750	Yes	No	Radiation Therapy	Null	Immunotherapy	
Yes, 437769	Yes	No	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 437778	No	No	Chemotherapy	Immunotherapy	Null	
Yes, 437848		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy	
Yes, 438212		Yes	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 438267		Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 438285		Yes	Surgery	Null	Chemotherapy	
Yes, 438294		Yes	Immunotherapy	Targeted Therapy	Radiation Therapy	
Yes, 438416		No	Radiation Therapy	Chemotherapy	Surgery	
Yes, 438504		No	Targeted Therapy	Targeted Therapy	Chemotherapy	
Yes, 438586		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 438610		Yes	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 438629		Yes	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 438647		No	Targeted Therapy	Radiation Therapy	Null	
Yes, 438656		Yes	Surgery	Null	Immunotherapy	
Yes, 438665		Yes	Chemotherapy	Chemotherapy	Null	
Yes, 438708		No	Immunotherapy	Chemotherapy	Null	
Yes, 438735		No	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 438869		Yes	Targeted Therapy	Null	Targeted Therapy	
Yes, 438887		Yes	Chemotherapy	Null	Surgery	
Yes, 438902		No	Surgery	Null	Targeted Therapy	
Yes, 438984		No	Chemotherapy	Immunotherapy	Targeted Therapy	
		Yes				
Yes, 439118			Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 439127		Yes	Chemotherapy	Targeted Therapy	Surgery	
Yes, 439136		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
Yes, 439145		Yes	Chemotherapy	Immunotherapy	Radiation Therapy	
Yes, 439154		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy	
Yes, 439163		No	Immunotherapy	Radiation Therapy	Null	
Yes, 439190		No	Immunotherapy	Null	Immunotherapy	
Yes, 439279		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 439297		No	Chemotherapy	Targeted Therapy	Surgery	
Yes, 439303		No	Targeted Therapy	Radiation Therapy	Radiation Therapy	
Yes, 439367		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy	
Yes, 439394		No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 439437		No	Radiation Therapy	Surgery	Radiation Therapy	
Yes, 439473		No	Immunotherapy	Null	Radiation Therapy	
Yes, 439482		Yes	Surgery	Surgery	Surgery	
Yes, 439491		No	Immunotherapy	Radiation Therapy	Immunotherapy	
Yes, 439507		Yes	Radiation Therapy	Targeted Therapy	Surgery	
Yes, 439525		Yes	Chemotherapy	Surgery	Targeted Therapy	
Yes, 439570	Yes	No	Surgery	Null	Radiation Therapy	
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Yes, 439589	No	No	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 439613	Yes	Yes	Surgery	Null	Null
Yes, 439622	Yes	Yes	Targeted Therapy	Chemotherapy	Immunotherapy
Yes, 439686	No	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 439738	Yes	No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 439747	No	Yes	Surgery	Immunotherapy	Surgery
Yes, 439774	No	Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 439783	Yes	No	Chemotherapy	Radiation Therapy	Surgery
Yes, 439844	No	Yes	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 439862	Yes	No	Chemotherapy	Null	Radiation Therapy
Yes, 439871	No	Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 439905	Yes	Yes	Targeted Therapy	Surgery	Immunotherapy
Yes, 439914	No	Yes	Surgery	Immunotherapy	Surgery
Yes, 439969		No	Chemotherapy	Chemotherapy	Surgery
Yes, 439978		Yes	Surgery	Radiation Therapy	Targeted Therapy
Yes, 440004		Yes	Surgery	Radiation Therapy	Null
Yes, 440031		No	Chemotherapy	Null	Surgery
Yes, 440059		No	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 440077		No	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 440138		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 440165		Yes	Immunotherapy	Targeted Therapy	Null
Yes, 440226		No	Targeted Therapy	Targeted Therapy	Surgery
Yes, 440220		No	Surgery	Null	Chemotherapy
Yes, 440299		No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 440323			Radiation Therapy	Null	
Yes, 440332 Yes, 440369		No			Chemotherapy
Yes, 440369 Yes, 440396		Yes	Surgery Chemotherapy	Null	Chemotherapy
		Yes		Surgery	Surgery
Yes, 440411		Yes	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 440457		No	Targeted Therapy	Null	Surgery
Yes, 440466		Yes	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 440484		No	Surgery	Surgery	Surgery
Yes, 440536		Yes	Targeted Therapy	Surgery	Targeted Therapy
Yes, 440545		No	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 440572		No	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 440581		Yes	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 440590		Yes	Radiation Therapy	Null	Chemotherapy
Yes, 440776		Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 440800		Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 440828		No	Surgery	Immunotherapy	Surgery
Yes, 440873	Yes	No	Surgery	Surgery	Null
Yes, 440882	Yes	No	Radiation Therapy	Chemotherapy	Null
Yes, 440916	No	Yes	Chemotherapy	Null	Immunotherapy
Yes, 440925	Yes	No	Chemotherapy	Null	Surgery
Yes, 440970	No	Yes	Chemotherapy	Null	Immunotherapy
Yes, 441089	Yes	Yes	Radiation Therapy	Null	Null
Yes, 441104		Yes	Targeted Therapy	Chemotherapy	Chemotherapy
Yes, 441131		Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 441201		No	Surgery	Immunotherapy	Surgery
Yes, 441229		Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 441238	No	Yes	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 441256	No	Yes	Chemotherapy	Null	Immunotherapy
Yes, 441308	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 441317	Yes	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 441353	No	Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 441362	No	No	Immunotherapy	Targeted Therapy	Chemotherapy
Yes, 441371	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 441405	Yes	Yes	Surgery	Surgery	Null
Yes, 441423	No	No	Chemotherapy	Null	Null
Yes, 441432	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 441478	Yes	No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 441636	No	No	Targeted Therapy	Radiation Therapy	Surgery
Yes, 441645	No	Yes	Radiation Therapy	Null	Immunotherapy
Yes, 441663	No	No	Immunotherapy	Null	Radiation Therapy
Yes, 441690	Yes	No	Surgery	Null	Targeted Therapy
Yes, 441706	No	Yes	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 441742		Yes	Targeted Therapy	Surgery	Radiation Therapy
Yes, 441751		No	Targeted Therapy	Surgery	Immunotherapy
Yes, 441858		Yes	Surgery	Surgery	Surgery
Yes, 441876		Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 441900		No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 441919		No	Immunotherapy	Null	Chemotherapy
Yes, 441937		No	Targeted Therapy	Chemotherapy	Surgery
Yes, 442037		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 442046		Yes	Radiation Therapy	Null	Surgery
Yes, 442143		Yes	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 442189		Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 442222		Yes	Targeted Therapy	Chemotherapy	Immunotherapy
Yes, 442295		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 442310		Yes	Immunotherapy	Radiation Therapy	Targeted Therapy
Yes, 442329		No	Targeted Therapy	Chemotherapy	Null
Yes, 442356		No	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 442365		Yes	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 442383		No	Surgery	Surgery	Chemotherapy Chemotherapy
Yes, 442408		Yes	Immunotherapy	Chemotherapy	Immunotherapy Service
Yes, 442426		Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 442462		No	Radiation Therapy	Null	Radiation Therapy
Yes, 442499		Yes	Targeted Therapy	Null	Chemotherapy Chemotherapy
Yes, 442505		Yes	Surgery	Null	Null Service S
Yes, 442569		Yes	Chemotherapy	Surgery	Chemotherapy Chemotherapy
Yes, 442578		No	Immunotherapy	Null	Null Service S
Yes, 442602		No	Radiation Therapy	Null	Chemotherapy Chemotherapy
Yes, 442611		No	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 442639		Yes	Radiation Therapy	Null	Immunotherapy
Yes, 442684		Yes	Immunotherapy	Targeted Therapy	Chemotherapy Chemotherapy
Yes, 442727		Yes	Radiation Therapy	Targeted Therapy	Immunotherapy Immunotherapy
Yes, 442745		No	Targeted Therapy	Immunotherapy	Immunotherapy  Immunotherapy
Yes, 442781		No	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 442/81 Yes, 442806		Yes		Radiation Therapy	Null Radiation inerapy
1 e5, 4428Ub	IAO	162	Surgery	radiation merapy	
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ent ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
es, 442815	No	No	Radiation Therapy	Targeted Therapy	Null
Yes, 442842	Yes	No	Radiation Therapy	Radiation Therapy	Radiation Therapy
Yes, 442851	Yes	No	Targeted Therapy	Surgery	Null
Yes, 442897	No	No	Surgery	Null	Surgery
Yes, 442949	No	No	Immunotherapy	Immunotherapy	Null
Yes, 443030	No	No	Chemotherapy	Immunotherapy	Null
Yes, 443049	No	No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 443058	Yes	Yes	Immunotherapy	Radiation Therapy	Targeted Therapy
Yes, 443100	Yes	Yes	Surgery	Radiation Therapy	Surgery
Yes, 443137	Yes	Yes	Radiation Therapy	Immunotherapy	Surgery
Yes, 443207	Yes	Yes	Targeted Therapy	Immunotherapy	Chemotherapy
Yes, 443216	No	No	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 443252		Yes	Radiation Therapy	Null	Immunotherapy
Yes, 443261		Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 443298		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 443322		Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 443340		Yes	Targeted Therapy	Immunotherapy	Surgery
Yes, 443359		No	Chemotherapy	Chemotherapy	Null
Yes, 443368		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 443410		No	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 443410		No	Surgery	Immunotherapy	Null
Yes, 443456		No	Radiation Therapy	Null	Targeted Therapy
Yes, 443465 Yes, 443474		No			
			Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 443483		No	Targeted Therapy	Chemotherapy	Null
Yes, 443492		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 443535		Yes	Immunotherapy	Radiation Therapy	Null
Yes, 443553		Yes	Immunotherapy	Chemotherapy	Targeted Therapy
Yes, 443562		No	Surgery	Chemotherapy	Immunotherapy
Yes, 443599		Yes	Targeted Therapy	Null	Targeted Therapy
Yes, 443632		Yes	Radiation Therapy	Surgery	Chemotherapy
Yes, 443641		No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 443669		No	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 443687		No	Immunotherapy	Null	Targeted Therapy
Yes, 443711	No	No	Chemotherapy	Radiation Therapy	Chemotherapy
Yes, 443766	No	No	Radiation Therapy	Immunotherapy	Null
Yes, 443827	Yes	No	Targeted Therapy	Surgery	Chemotherapy
Yes, 443836	Yes	No	Chemotherapy	Radiation Therapy	Null
Yes, 443890	Yes	No	Surgery	Targeted Therapy	Targeted Therapy
Yes, 443906	No	Yes	Surgery	Targeted Therapy	Null
Yes, 443924	No	No	Surgery	Radiation Therapy	Radiation Therapy
Yes, 443942		Yes	Chemotherapy	Chemotherapy	Surgery
Yes, 443979		No	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 443988		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 444033		No	Targeted Therapy	Surgery	Immunotherapy
Yes, 444060		Yes	Surgery	Immunotherapy	Radiation Therapy
Yes, 444121		Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 444130		No	Immunotherapy		Null
				Surgery	
Yes, 444158		Yes	Surgery	Immunotherapy	Surgery
Yes, 444200	INO	No	Surgery	Radiation Therapy	Radiation Therapy

tient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 444219	Yes	No	Radiation Therapy	Targeted Therapy	Surgery
Yes, 444228	Yes	No	Surgery	Null	Targeted Therapy
Yes, 444237	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 444255	No	No	Chemotherapy	Null	Radiation Therapy
Yes, 444264	Yes	No	Immunotherapy	Surgery	Targeted Therapy
Yes, 444291	No	No	Radiation Therapy	Immunotherapy	Immunotherapy
Yes, 444316	No	No	Surgery	Surgery	Surgery
Yes, 444325	Yes	Yes	Immunotherapy	Radiation Therapy	Surgery
Yes, 444334	No	Yes	Surgery	Null	Immunotherapy
Yes, 444370	No	Yes	Targeted Therapy	Surgery	Null
Yes, 444404	No	No	Radiation Therapy	Null	Radiation Therapy
Yes, 444413	Yes	No	Radiation Therapy	Null	Immunotherapy
Yes, 444422		No	Immunotherapy	Radiation Therapy	Surgery
Yes, 444440		No	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 444468		No	Immunotherapy	Immunotherapy	Surgery
Yes, 444529		Yes	Immunotherapy	Null	Targeted Therapy
Yes, 444556		Yes	Targeted Therapy	Null	Null
Yes, 444574		No	Radiation Therapy	Null	Targeted Therapy
Yes, 444583		No	Surgery	Radiation Therapy	Targeted Therapy
Yes, 444592		No	Targeted Therapy	Null	Null
Yes, 444608		No	Immunotherapy	Null	Chemotherapy
Yes, 444644		No	Radiation Therapy	Null	Radiation Therapy
Yes, 444662		No			
			Targeted Therapy	Surgery	Surgery Thereny
Yes, 444680		Yes	Surgery	Null	Radiation Therapy
Yes, 444699		No	Surgery	Targeted Therapy	Chemotherapy
Yes, 444705		Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 444714		No	Radiation Therapy	Immunotherapy	Immunotherapy
Yes, 444732		No	Surgery	Null	Null
Yes, 444750		No	Radiation Therapy	Null	Immunotherapy
Yes, 444778		Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 444787		Yes	Chemotherapy	Targeted Therapy	Surgery
Yes, 444796		No	Targeted Therapy	Null	Immunotherapy
Yes, 444811		No	Immunotherapy	Surgery	Chemotherapy
Yes, 444866		No	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 444909	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 444945	Yes	Yes	Immunotherapy	Null	Surgery
Yes, 445133	Yes	No	Radiation Therapy	Surgery	Null
Yes, 445142	No	Yes	Surgery	Immunotherapy	Immunotherapy
Yes, 445212	Yes	No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 445221	No	Yes	Surgery	Chemotherapy	Surgery
Yes, 445249	No	No	Radiation Therapy	Chemotherapy	Immunotherapy
Yes, 445300	Yes	No	Immunotherapy	Radiation Therapy	Surgery
Yes, 445337		No	Targeted Therapy	Null	Surgery
Yes, 445346		Yes	Targeted Therapy	Surgery	Immunotherapy
Yes, 445382		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 445391		Yes	Chemotherapy	Surgery	Surgery
Yes, 445407		Yes	Surgery	Chemotherapy	Radiation Therapy
Yes, 445434		Yes	Chemotherapy	Surgery	Targeted Therapy
Yes, 445454		No		Radiation Therapy	
162, 443401	162	INU	Radiation Therapy	Radiation merapy	Surgery

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 445470	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 445498	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 445504	No	Yes	Chemotherapy	Chemotherapy	Null
Yes, 445601	Yes	Yes	Surgery	Surgery	Chemotherapy
Yes, 445638	Yes	Yes	Chemotherapy	Surgery	Surgery
Yes, 445656	No	Yes	Surgery	Surgery	Radiation Therapy
Yes, 445665		Yes	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 445692		Yes	Surgery	Radiation Therapy	Chemotherapy
Yes, 445708		No	Radiation Therapy	Null	Chemotherapy
Yes, 445753		Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 445762		Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 445771		No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 445780		No	Surgery	Surgery	Targeted Therapy
Yes, 445799		No	Targeted Therapy	Surgery	Immunotherapy
Yes, 445814		No	Immunotherapy	Null	Targeted Therapy
Yes, 445911		No	Targeted Therapy	Surgery	Chemotherapy
Yes, 445920		Yes	Immunotherapy	Chemotherapy	Surgery
Yes, 445948		Yes	Targeted Therapy	Targeted Therapy	Surgery
Yes, 445984		Yes	Immunotherapy	Null	Surgery
Yes, 445993		Yes	Chemotherapy	Null	Null
Yes, 446002		Yes	Surgery	Null	Null
Yes, 446057		Yes	Targeted Therapy	Null	Null
Yes, 446084		No	Targeted Therapy	Radiation Therapy	Null
Yes, 446109		Yes	Immunotherapy	Immunotherapy	
					Immunotherapy
Yes, 446127		Yes	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 446136		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 446190		No	Targeted Therapy	Surgery	Immunotherapy
Yes, 446206		Yes	Surgery	Null	Targeted Therapy
Yes, 446215		Yes	Radiation Therapy	Surgery	Null
Yes, 446233		Yes	Immunotherapy	Radiation Therapy	Immunotherapy
Yes, 446358		Yes	Radiation Therapy	Immunotherapy	Chemotherapy
Yes, 446400		No	Immunotherapy	Targeted Therapy	Surgery
Yes, 446428		Yes	Immunotherapy	Surgery	Immunotherapy
Yes, 446455		No	Radiation Therapy	Targeted Therapy	Immunotherapy
Yes, 446464		No	Targeted Therapy	Null	Surgery
Yes, 446507		Yes	Chemotherapy	Null	Immunotherapy
Yes, 446543	Yes	Yes	Immunotherapy	Null	Chemotherapy
Yes, 446561	No	No	Targeted Therapy	Surgery	Surgery
Yes, 446570	Yes	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy
Yes, 446589	Yes	No	Surgery	Immunotherapy	Null
Yes, 446598	No	No	Surgery	Null	Immunotherapy
Yes, 446613	No	Yes	Chemotherapy	Targeted Therapy	Radiation Therapy
Yes, 446729		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 446738		Yes	Surgery	Null	Chemotherapy
Yes, 446747		Yes	Surgery	Null	Chemotherapy
Yes, 446756		No	Chemotherapy	Radiation Therapy	Surgery
Yes, 446808		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 446817		No	Radiation Therapy	Null	Surgery
Yes, 446835		Yes	Surgery	Chemotherapy	Radiation Therapy
103, 440033	103	103	Jul gel y	Спелюшегару	

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 446844	Yes	No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 446853	Yes	Yes	Targeted Therapy	Null	Radiation Therapy	
Yes, 446914	Yes	No	Targeted Therapy	Surgery	Immunotherapy	
Yes, 446932	No	No	Targeted Therapy	Null	Radiation Therapy	
Yes, 446978	No	No	Chemotherapy	Chemotherapy	Targeted Therapy	
Yes, 446996	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy	
Yes, 447050	No	No	Immunotherapy	Null	Immunotherapy	
Yes, 447120	Yes	Yes	Targeted Therapy	Null	Targeted Therapy	
Yes, 447157	No	No	Immunotherapy	Null	Targeted Therapy	
Yes, 447227	Yes	No	Chemotherapy	Radiation Therapy	Immunotherapy	
Yes, 447236	Yes	No	Immunotherapy	Null	Radiation Therapy	
Yes, 447245	Yes	Yes	Surgery	Null	Surgery	
Yes, 447315	No	No	Immunotherapy	Surgery	Radiation Therapy	
Yes, 447333	No	No	Immunotherapy	Immunotherapy	Chemotherapy	
Yes, 447342	No	No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 447379	Yes	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 447430	No	No	Surgery	Immunotherapy	Null	
Yes, 447458		Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 447467		No	Radiation Therapy	Radiation Therapy	Targeted Therapy	
Yes, 447485	Yes	No	Chemotherapy	Surgery	Null	
Yes, 447519	No	No	Chemotherapy	Surgery	Chemotherapy	
Yes, 447528		Yes	Targeted Therapy	Immunotherapy	Null	
Yes, 447591		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 447625		Yes	Surgery	Null	Chemotherapy	
Yes, 447661		Yes	Targeted Therapy	Null	Null	
Yes, 447670		Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 447698		No	Chemotherapy	Null	Radiation Therapy	
Yes, 447713		No	Targeted Therapy	Immunotherapy	Surgery	
Yes, 447759	Yes	Yes	Chemotherapy	Chemotherapy	Surgery	
Yes, 447777		No	Immunotherapy	Immunotherapy	Null	
Yes, 447829		No	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 447847		No	Immunotherapy	Null	Radiation Therapy	
Yes, 447856		No	Surgery	Targeted Therapy	Immunotherapy	
Yes, 447865		Yes	Radiation Therapy	Surgery	Immunotherapy	
Yes, 447892		No	Targeted Therapy	Chemotherapy	Surgery	
Yes, 447908		No	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 447917		Yes	Surgery	Immunotherapy	Radiation Therapy	
Yes, 447935		No	Radiation Therapy	Null	Immunotherapy	
Yes, 447953		No	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 447971		Yes	Targeted Therapy	Targeted Therapy	Null	
Yes, 447999		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 448008		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 448017		No	Targeted Therapy	Radiation Therapy	Null	
Yes, 448026		Yes	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 448035		No	Immunotherapy	Immunotherapy	Chemotherapy	
Yes, 448044		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 448071		No	Immunotherapy	Null	Surgery	
Yes, 448080		Yes	Radiation Therapy	Chemotherapy	Null	
Yes, 448114		No	Chemotherapy	Immunotherapy	Surgery	
165, 440114	162	INU	спетионтегару	пппипоспегару		
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Yes, 448141	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 448220	No	Yes	Chemotherapy	Null	Immunotherapy
Yes, 448257	Yes	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 448266	No	No	Chemotherapy	Chemotherapy	Immunotherapy
Yes, 448275	Yes	Yes	Chemotherapy	Immunotherapy	Null
Yes, 448336	No	No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 448354	Yes	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 448406	Yes	No	Immunotherapy	Null	Null
Yes, 448424	No	No	Immunotherapy	Surgery	Radiation Therapy
Yes, 448433		No	Chemotherapy	Null	Radiation Therapy
Yes, 448497		No	Immunotherapy	Chemotherapy	Surgery
Yes, 448503	No	Yes	Immunotherapy	Null	Radiation Therapy
Yes, 448512		No	Chemotherapy	Surgery	Targeted Therapy
Yes, 448521		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy
Yes, 448619		No	Surgery	Radiation Therapy	Immunotherapy
Yes, 448637		No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 448646		Yes	Surgery	Null	Chemotherapy
Yes, 448655		No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 448664		Yes	Immunotherapy	Surgery	Radiation Therapy
Yes, 448673		No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 448707		Yes		Surgery	Immunotherapy
Yes, 448761		No	Surgery Chemotherapy		Chemotherapy
Yes, 448770		Yes		Surgery Padiation Thorany	
Yes, 448770 Yes, 448789			Radiation Therapy	Radiation Therapy	Chemotherapy  Padiation Thorapy
		No	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 448804		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 448831		Yes	Surgery	Radiation Therapy	Surgery
Yes, 448840		Yes	Surgery	Null	Surgery
Yes, 448895		Yes	Immunotherapy	Surgery	Targeted Therapy
Yes, 449038		No	Radiation Therapy	Null	Radiation Therapy
Yes, 449083		Yes	Surgery	Null	Surgery
Yes, 449117		No	Immunotherapy	Surgery	Immunotherapy
Yes, 449126		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 449135		Yes	Immunotherapy	Immunotherapy	Null
Yes, 449144		Yes	Targeted Therapy	Surgery	Surgery
Yes, 449162		Yes	Targeted Therapy	Null	Surgery
Yes, 449171		Yes	Immunotherapy	Null	Immunotherapy
Yes, 449180		Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 449278		No	Chemotherapy	Surgery	Surgery
Yes, 449302	No	Yes	Immunotherapy	Radiation Therapy	Surgery
Yes, 449311	Yes	Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 449339	No	Yes	Chemotherapy	Null	Targeted Therapy
Yes, 449357	Yes	Yes	Radiation Therapy	Surgery	Immunotherapy
Yes, 449366	No	Yes	Radiation Therapy	Immunotherapy	Radiation Therapy
Yes, 449375	No	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 449384		Yes	Immunotherapy	Null	Null
Yes, 449393		No	Surgery	Immunotherapy	Chemotherapy
Yes, 449436		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 449445		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 449454		No	Surgery	Targeted Therapy	Targeted Therapy
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Yes, 449481	No	No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 449524	Yes	No	Immunotherapy	Chemotherapy	Null
Yes, 449579	Yes	No	Targeted Therapy	Immunotherapy	Radiation Therapy
Yes, 449603	Yes	No	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 449612	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 449667	No	No	Radiation Therapy	Chemotherapy	Chemotherapy
Yes, 449685	No	Yes	Surgery	Immunotherapy	Null
Yes, 449719	No	Yes	Targeted Therapy	Chemotherapy	Null
Yes, 449807	Yes	Yes	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 449816	No	Yes	Surgery	Radiation Therapy	Null
Yes, 449852	No	Yes	Surgery	Immunotherapy	Targeted Therapy
Yes, 449861	Yes	No	Targeted Therapy	Surgery	Surgery
Yes, 449870		No	Immunotherapy	Null	Immunotherapy
Yes, 449889		Yes	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 449898		Yes	Targeted Therapy	Surgery	Chemotherapy
Yes, 449904		Yes	Surgery	Radiation Therapy	Radiation Therapy
Yes, 449922		Yes	Immunotherapy	Null	Immunotherapy
Yes, 449968		Yes	Immunotherapy	Null	Targeted Therapy
Yes, 449995		No	Chemotherapy	Null	Targeted Therapy
Yes, 450058		Yes	Chemotherapy	Immunotherapy	Radiation Therapy
Yes, 450076		No	Surgery	Chemotherapy	Chemotherapy
Yes, 450076		No	Radiation Therapy	Surgery	Immunotherapy
Yes, 450094		Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 450119		No	Immunotherapy	Surgery	Null
Yes, 450119		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 450146		No	Targeted Therapy	Null	
Yes, 450155		No	Targeted Therapy	Immunotherapy	Radiation Therapy Immunotherapy
Yes, 450216		No	Targeted Therapy	Targeted Therapy	Immunotherapy
Yes, 450225 Yes, 450234		No	Radiation Therapy	Null	Surgery
Yes, 450243		No			
			Targeted Therapy	Targeted Therapy	Surgery
Yes, 450252		No	Immunotherapy	Null	Immunotherapy
Yes, 450270		Yes	Surgery	Chemotherapy	Chemotherapy
Yes, 450289		Yes	Targeted Therapy	Radiation Therapy	Immunotherapy
Yes, 450304		Yes	Radiation Therapy	Null	Surgery
Yes, 450395		No	Immunotherapy	Null	Radiation Therapy
Yes, 450401		Yes	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 450447		Yes	Chemotherapy	Surgery	Chemotherapy
Yes, 450465		Yes	Surgery	Chemotherapy	Surgery
Yes, 450492		No	Immunotherapy	Surgery	Surgery
Yes, 450508		No	Immunotherapy	Null	Targeted Therapy
Yes, 450517	Yes	Yes	Radiation Therapy	Null	Immunotherapy
Yes, 450535	No	No	Radiation Therapy	Surgery	Chemotherapy
Yes, 450580	Yes	Yes	Radiation Therapy	Immunotherapy	Null
Yes, 450605	Yes	Yes	Targeted Therapy	Targeted Therapy	Null
Yes, 450623	No	No	Targeted Therapy	Chemotherapy	Targeted Therapy
Yes, 450632	No	No	Immunotherapy	Null	Radiation Therapy
Yes, 450678		Yes	Radiation Therapy	Chemotherapy	Null
Yes, 450696		Yes	Immunotherapy	Null	Chemotherapy
Yes, 450702		Yes	Radiation Therapy	Null	Chemotherapy

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Yes, 450720	Yes	No	Surgery	Immunotherapy	Surgery	
Yes, 450766	No	No	Surgery	Targeted Therapy	Targeted Therapy	
Yes, 450809	Yes	No	Radiation Therapy	Null	Immunotherapy	
Yes, 450845	Yes	No	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 450872	No	No	Surgery	Immunotherapy	Null	
Yes, 450881	Yes	Yes	Surgery	Targeted Therapy	Radiation Therapy	
Yes, 450933	No	No	Immunotherapy	Surgery	Immunotherapy	
Yes, 450942	Yes	Yes	Radiation Therapy	Surgery	Null	
Yes, 450960	No	No	Immunotherapy	Null	Immunotherapy	
Yes, 450988	Yes	Yes	Radiation Therapy	Radiation Therapy	Radiation Therapy	
Yes, 451033	Yes	No	Immunotherapy	Surgery	Immunotherapy	
Yes, 451051	Yes	No	Surgery	Targeted Therapy	Immunotherapy	
Yes, 451079	No	No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 451097	Yes	Yes	Surgery	Chemotherapy	Immunotherapy	
Yes, 451121	No	No	Surgery	Targeted Therapy	Null	
Yes, 451158	Yes	No	Immunotherapy	Null	Surgery	
Yes, 451167		No	Radiation Therapy	Immunotherapy	Surgery	
Yes, 451200		No	Surgery	Surgery	Chemotherapy	
Yes, 451228		No	Radiation Therapy	Targeted Therapy	Surgery	
Yes, 451237		Yes	Targeted Therapy	Null	Null	
Yes, 451282		Yes	Chemotherapy	Radiation Therapy	Targeted Therapy	
Yes, 451307		Yes	Targeted Therapy	Null	Null	
Yes, 451316		No	Radiation Therapy	Radiation Therapy	Immunotherapy	
Yes, 451361		No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 451370		Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 451398		Yes	Radiation Therapy	Surgery	Targeted Therapy	
Yes, 451404		Yes	Chemotherapy	Targeted Therapy	Immunotherapy	
Yes, 451413		No	Immunotherapy	Targeted Therapy	Surgery	
Yes, 451477		No	Targeted Therapy	Null	Radiation Therapy	
Yes, 451495		No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 451501		Yes	Targeted Therapy	Null	Surgery	
Yes, 451547		Yes	Targeted Therapy	Surgery	Null	
Yes, 451565		No	Immunotherapy	Null	Radiation Therapy	
Yes, 451574		Yes	Radiation Therapy	Chemotherapy	Chemotherapy	
Yes, 451583		No	Surgery	Immunotherapy	Null	
Yes, 451608		Yes	Immunotherapy	Chemotherapy	Targeted Therapy	
Yes, 451617		Yes	Radiation Therapy	Radiation Therapy	Targeted Therapy	
Yes, 451626		Yes	Immunotherapy	Null	Null	
Yes, 451635		Yes	Immunotherapy	Chemotherapy	Radiation Therapy	
Yes, 451644		Yes	Surgery	Null	Radiation Therapy	
Yes, 451662		Yes	Radiation Therapy	Surgery	Chemotherapy	
Yes, 451671		No	Surgery	Null	Chemotherapy	
Yes, 451705		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 451750		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 451796		Yes	Chemotherapy	Immunotherapy	Null	
Yes, 451802		Yes	Radiation Therapy	Surgery	Chemotherapy	
Yes, 451811		No	Radiation Therapy	Immunotherapy	Surgery	
Yes, 451857		No	Targeted Therapy	Chemotherapy	Chemotherapy	
Yes, 451884		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 451909	No	No	Targeted Therapy	Radiation Therapy	Targeted Therapy		
Yes, 451918	Yes	Yes	Radiation Therapy	Surgery	Surgery		1
Yes, 451936	No	Yes	Chemotherapy	Immunotherapy	Chemotherapy		1
Yes, 451945		Yes	Surgery	Immunotherapy	Chemotherapy		1
Yes, 451954		Yes	Chemotherapy	Null	Null		
Yes, 451963	Yes	Yes	Surgery	Null	Targeted Therapy		
Yes, 452009		Yes	Targeted Therapy	Null	Null		
Yes, 452018		Yes	Surgery	Null	Surgery		
Yes, 452036		Yes	Radiation Therapy	Chemotherapy	Immunotherapy		
Yes, 452045		Yes	Targeted Therapy	Radiation Therapy	Null		
Yes, 452054		No	Targeted Therapy	Immunotherapy	Targeted Therapy		
Yes, 452063		No	Immunotherapy	Immunotherapy	Targeted Therapy		
Yes, 452081		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy		
Yes, 452090		No	Targeted Therapy	Null	Null		
Yes, 452373		No	Chemotherapy	Null	Radiation Therapy		
Yes, 452692		No	Chemotherapy	Null			
Yes, 452692 Yes, 452771				Null	Immunotherapy		
		Yes	Targeted Therapy		Immunotherapy		
Yes, 452984		No	Surgery	Immunotherapy	Targeted Therapy		
Yes, 453109		No	Radiation Therapy	Radiation Therapy	Chemotherapy		
Yes, 453127		No	Targeted Therapy	Surgery	Immunotherapy		
Yes, 453163		No	Radiation Therapy	Immunotherapy	Radiation Therapy		
Yes, 453215		No	Immunotherapy	Chemotherapy	Null		
Yes, 453297		No	Surgery	Null	Chemotherapy		
Yes, 453349		No	Radiation Therapy	Null	Radiation Therapy		
Yes, 453464		Yes	Surgery	Radiation Therapy	Immunotherapy		
Yes, 453482		No	Surgery	Targeted Therapy	Null		
Yes, 453747	No	No	Radiation Therapy	Targeted Therapy	Chemotherapy		
Yes, 453756	No	Yes	Radiation Therapy	Null	Chemotherapy		
Yes, 454078	No	No	Immunotherapy	Radiation Therapy	Radiation Therapy		
Yes, 454184	Yes	Yes	Chemotherapy	Immunotherapy	Chemotherapy		
Yes, 454227	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy		
Yes, 454236	Yes	Yes	Chemotherapy	Immunotherapy	Surgery		
Yes, 454245	No	No	Targeted Therapy	Immunotherapy	Null		
Yes, 454306	Yes	No	Chemotherapy	Surgery	Null		
Yes, 454315	Yes	No	Chemotherapy	Targeted Therapy	Immunotherapy		
Yes, 454324	Yes	No	Surgery	Immunotherapy	Chemotherapy		<u> </u>
Yes, 454342	No	Yes	Targeted Therapy	Targeted Therapy	Null		1
Yes, 454351	Yes	No	Targeted Therapy	Radiation Therapy	Immunotherapy		1
Yes, 454458	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy		1
Yes, 454467		No	Surgery	Targeted Therapy	Chemotherapy		
Yes, 454485		No	Chemotherapy	Null	Null		
Yes, 454494		No	Chemotherapy	Surgery	Null		
Yes, 454500		No	Immunotherapy	Targeted Therapy	Chemotherapy		
Yes, 454519		No	Targeted Therapy	Immunotherapy	Targeted Therapy		
Yes, 454528		Yes	Surgery	Null	Surgery		
Yes, 454546		No	Radiation Therapy	Chemotherapy	Null		
Yes, 454555		No	Surgery	Null	Chemotherapy		
Yes, 454555 Yes, 454573		Yes		Null			
			Targeted Therapy		Targeted Therapy		
Yes, 454582	INO	No	Surgery	Immunotherapy	Null		
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Yes, 454591	No	No	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 454652	Yes	No	Targeted Therapy	Targeted Therapy	Null
Yes, 454722	No	No	Chemotherapy	Immunotherapy	Immunotherapy
Yes, 454740	Yes	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 454786	Yes	No	Surgery	Null	Immunotherapy
Yes, 454801	Yes	No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 454810	No	No	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 454838	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 454856	No	Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 454892		Yes	Immunotherapy	Null	Null
Yes, 454908		Yes	Radiation Therapy	Null	Chemotherapy
Yes, 454926	Yes	Yes	Surgery	Surgery	Chemotherapy
Yes, 454935		No	Chemotherapy	Null	Surgery
Yes, 454944		No	Chemotherapy	Surgery	Immunotherapy
Yes, 454980		Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 454999		No	Surgery	Surgery	Null
Yes, 455008		No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 455017		No	Targeted Therapy	Null	Surgery
Yes, 455035		No	Chemotherapy	Surgery	Targeted Therapy
Yes, 455053		Yes			
Yes, 455053 Yes, 455062			Surgery Padiation Thorany	Chemotherapy	Surgery Targeted Thorapy
Yes, 455082 Yes, 455080		Yes	Radiation Therapy Chemotherapy	Immunotherapy	Targeted Therapy
				Surgery	Surgery
Yes, 455099		Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 455105		Yes	Chemotherapy	Chemotherapy	Chemotherapy
Yes, 455141		Yes	Targeted Therapy	Null	Chemotherapy
Yes, 455169		No	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 455187		No	Targeted Therapy	Targeted Therapy	Null
Yes, 455196		No	Immunotherapy	Immunotherapy	Null
Yes, 455202		Yes	Radiation Therapy	Null	Surgery
Yes, 455211		No	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 455220		No	Surgery	Null	Surgery
Yes, 455239		Yes	Radiation Therapy	Null	Surgery
Yes, 455257	No	Yes	Targeted Therapy	Null	Null
Yes, 455275	Yes	Yes	Chemotherapy	Radiation Therapy	Null
Yes, 455327	No	No	Surgery	Radiation Therapy	Immunotherapy
Yes, 455336	No	Yes	Surgery	Chemotherapy	Surgery
Yes, 455372	No	Yes	Surgery	Immunotherapy	Chemotherapy
Yes, 455381	No	No	Surgery	Chemotherapy	Immunotherapy
Yes, 455390	No	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 455406		No	Radiation Therapy	Surgery	Immunotherapy
Yes, 455451		Yes	Immunotherapy	Chemotherapy	Chemotherapy
Yes, 455460		Yes	Surgery	Null	Targeted Therapy
Yes, 455497		No	Chemotherapy	Chemotherapy	Surgery
Yes, 455512		Yes	Immunotherapy	Targeted Therapy	Radiation Therapy
Yes, 455558		Yes	Immunotherapy	Chemotherapy	Null
Yes, 455628		Yes			
			Targeted Therapy	Chemotherapy	Null Taxaatad Tharaay
Yes, 455655		Yes	Radiation Therapy	Surgery	Targeted Therapy
Yes, 455664		Yes	Targeted Therapy	Null	Immunotherapy
Yes, 455725	No	Yes	Immunotherapy	Targeted Therapy	Chemotherapy

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Yes, 455761		Yes	Surgery	Radiation Therapy	Null
Yes, 455770		No	Surgery	Chemotherapy	Targeted Therapy
Yes, 455798		No	Radiation Therapy	Null	Null
Yes, 455831		Yes	Chemotherapy	Radiation Therapy	Immunotherapy
Yes, 455859		Yes	Immunotherapy	Immunotherapy	Null
Yes, 455868		Yes	Radiation Therapy	Null	Radiation Therapy
Yes, 455877		Yes	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 455886		No	Surgery	Immunotherapy	Chemotherapy
Yes, 455895		No	Radiation Therapy	Immunotherapy	Null
Yes, 455910		No	Surgery	Surgery	Immunotherapy
Yes, 455956		No	Targeted Therapy	Surgery	Surgery
Yes, 455965					
		No	Chemotherapy	Surgery	Surgery
Yes, 455974		No	Surgery	Targeted Therapy	Radiation Therapy
Yes, 455992		Yes	Chemotherapy	Null	Targeted Therapy
Yes, 456001		No	Surgery	Immunotherapy	Chemotherapy
Yes, 456010		No	Targeted Therapy	Targeted Therapy	Chemotherapy
Yes, 456038		No	Radiation Therapy	Null	Chemotherapy
Yes, 456065		Yes	Targeted Therapy	Chemotherapy	Immunotherapy
Yes, 456126		Yes	Immunotherapy	Immunotherapy	Chemotherapy
Yes, 456144		Yes	Chemotherapy	Null	Null
Yes, 456205	No	No	Immunotherapy	Null	Chemotherapy
Yes, 456250	No	No	Radiation Therapy	Surgery	Null
Yes, 456278	No	No	Chemotherapy	Chemotherapy	Null
Yes, 456287	No	Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 456296	Yes	No	Immunotherapy	Surgery	Immunotherapy
Yes, 456320	Yes	Yes	Surgery	Null	Targeted Therapy
Yes, 456366		Yes	Immunotherapy	Surgery	Radiation Therapy
Yes, 456375		Yes	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 456393		Yes	Chemotherapy	Radiation Therapy	Radiation Therapy
Yes, 456409		Yes	Surgery	Null	Targeted Therapy
Yes, 456427		Yes	Chemotherapy	Targeted Therapy	Immunotherapy
Yes, 456454		Yes	Surgery	Surgery	Targeted Therapy
Yes, 456506		No	Immunotherapy	Null	Immunotherapy
Yes, 456542		No	Immunotherapy	Chemotherapy	Chemotherapy
				Chemotherapy	
Yes, 456560		Yes	Surgery		Surgery
Yes, 456612		No	Chemotherapy	Null	Null
Yes, 456630		No	Surgery	Targeted Therapy	Surgery
Yes, 456719		Yes	Chemotherapy	Null	Surgery
Yes, 456728		No	Surgery	Surgery	Chemotherapy
Yes, 456737		No	Radiation Therapy	Null	Targeted Therapy
Yes, 456746	Yes	Yes	Chemotherapy	Null	Chemotherapy
Yes, 456807	Yes	Yes	Radiation Therapy	Chemotherapy	Null
Yes, 456913	No	No	Radiation Therapy	Surgery	Targeted Therapy
Yes, 456922	No	Yes	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 456931	Yes	No	Targeted Therapy	Null	Targeted Therapy
Yes, 456959	Yes	Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 456968	Yes	No	Chemotherapy	Null	Null
Yes, 456995		No	Immunotherapy	Immunotherapy	Surgery
Yes, 457013		No	Surgery	Null	Null

Yes, 457081 Ves         Yes         Targeted Therapy         Null         Surgery           Yes, 457086 No         Yes         Surgery         Radiation Therapy         Immunotherapy           Yes, 457100 Yes         No         Yes         Radiation Therapy         Immunotherapy           Yes, 457226 Yes         No         No         Immunotherapy         Immunotherapy           Yes, 457226 Yes         No         Surgery         Immunotherapy           Yes, 457281 Yes         Yes         Chemotherapy         Targeted Therapy           Yes, 457328 No         No         Immunotherapy         Immunotherapy           Yes, 457328 No         No         Robitation Therapy         Null           Yes, 457328 Yes         Yes         Chemotherapy         Null         Null           Yes, 457420 Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457439 Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457467 Yes         Yes         Radiation Therapy         Null         Chemotherapy         Null           Yes, 457450 Yes         Yes         Radiation Therapy         Radiation Therapy         Null         Null           Yes, 457564 No         No <t< th=""><th>Patient ID</th><th>Effective III</th><th>Effective i</th><th>Treatment proced</th><th>Treatment Proced</th><th>Treatment proced</th></t<>	Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 457210         Yes         Radiation Therapy         Null         Surgery           Yes, 457210         No         No         Immunotherapy         Immunotherapy         Immunotherapy           Yes, 457226         Yes         No         Surgery         Surgery         Surgery           Yes, 457226         Yes         No         Chenotherapy         Surgery         Immunotherapy           Yes, 457234         Yes         Chenotherapy         Chenotherapy         Null           Yes, 457323         No         No         Immunotherapy         Null           Yes, 457328         No         No         Surgery         Surgery           Yes, 457327         No         No         Radiation Therapy         Null         Null           Yes, 457328         Yes         Chemotherapy         Null         Surgery           Yes, 457437         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457439         Yes         No         Radiation Therapy         Null         Surgery           Yes, 457457         Yes         Radiation Therapy         Radiation Therapy         Yes, 457457           Yes, 457569         Yes         Radiation Therapy         Null						
Yes, 457129 No No Immunotherapy Immunotherapy Wes, 45728 Yes No Surgery Surgery Immunotherapy Yes, 45728 Yes No Surgery Surgery Immunotherapy Yes, 45729 No No Chemotherapy Targeted Therapy Null Yes, 457332 No No Immunotherapy Radiation Therapy Null Null Yes, 457332 Yes No Surgery Surgery Surgery Surgery Surgery Yes, 457332 No No Radiation Therapy Null Null Surgery Yes, 457338 No No Radiation Therapy Null Surgery Yes, 457387 No No Radiation Therapy Null Surgery Yes, 457387 Yes Yes Chemotherapy Null Surgery Yes, 457389 Yes No Radiation Therapy Null Surgery Yes, 457480 Yes No Radiation Therapy Null Surgery Yes, 457480 Yes No Radiation Therapy Immunotherapy Targeted Therapy Yes, 457480 Yes No Chemotherapy Immunotherapy Targeted Therapy Yes, 457475 No No Radiation Therapy Surgery Radiation Therapy Yes, 457484 No No Targeted Therapy Null Radiation Therapy Yes, 457484 No No Targeted Therapy Null Radiation Therapy Yes, 457484 No No Targeted Therapy Null Radiation Therapy Yes, 457545 Yes Yes Immunotherapy Targeted Therapy Null Radiation Therapy Null Surgery Yes, 457545 No Yes Yes Immunotherapy Radiation Therapy Null Surgery Yes, 457563 Yes Yes Immunotherapy Targeted Therapy Null Surgery Radiation Therapy Null Yes, 457563 Yes Yes Immunotherapy Targeted Therapy Null Surgery Yes, 457563 Yes Yes Immunotherapy Targeted Therapy Null Surgery Yes, 457563 Yes Yes Immunotherapy Targeted Therapy Null Surgery Yes, 457563 No No Immunotherapy Targeted Therapy Null Surgery Yes, 457563 No No Immunotherapy Targeted Therapy Null Surgery Yes, 457615 Yes No Radiation Therapy Null Surgery Targeted Therapy Yes, 457615 Yes No Radiation Therapy Null Surgery Targeted Therapy Yes, 457615 Yes No Radiation Therapy Null Null Null Yes, 457615 Yes No Radiation Therapy Null Null Null Null Yes, 457616 Yes No Radiation Therapy Null Radiation Therapy Yes, 457618 No No Radiation Therapy Null Radiation Therapy Yes, 457618 No No Radiation Therapy Null Chemotherapy Im	Yes, 457068	No	Yes	Surgery	Radiation Therapy	Immunotherapy
Yes, 457129 No No Immunotherapy Chemotherapy Immunotherapy Pyes, 45728 Yes No Surgery Surgery Immunotherapy Pyes, 45728 Yes No Surgery Surgery Immunotherapy Pyes, 45724 Yes Chemotherapy Targeted Therapy Null Immunotherapy Pyes, 45731 Yes Yes Chemotherapy Radiation Therapy Null Null Null Pyes, 45738 No No Radiation Therapy Null Surgery Pyes, 45738 No No Radiation Therapy Null Surgery Pyes, 45738 Yes No Radiation Therapy Null Surgery Pyes, 45738 Yes No Radiation Therapy Null Surgery Pyes, 45738 Yes No Radiation Therapy Null Surgery Pyes, 457420 Yes Pyes Chemotherapy Null Surgery Pyes, 457480 Yes No Radiation Therapy Null Surgery Pyes, 457480 Yes No Radiation Therapy Null Surgery Pyes, 457475 Yes Pyes Radiation Therapy Null Radiation Therapy Pyes, 457475 Yes Pyes Radiation Therapy Surgery Radiation Therapy Pyes, 457475 Yes Pyes Radiation Therapy Null Radiation Therapy Pyes, 457484 No No Chemotherapy Surgery Radiation Therapy Pyes, 457484 No No Chemotherapy Surgery Radiation Therapy Null Radiation Therapy Pyes, 457545 Yes Pyes Immunotherapy Targeted Therapy Null Radiation Therapy Null Pyes, 457545 Yes Pyes Immunotherapy Surgery Radiation Therapy Null Pyes, 457545 No No Surgery Radiation Therapy Null Surgery Pyes, 457545 No No Surgery Radiation Therapy Null Surgery Pyes, 457563 Yes Pyes Immunotherapy Surgery Radiation Therapy Null Pyes, 457563 No No Immunotherapy Targeted Therapy Null Surgery Pyes, 457563 No No Immunotherapy Targeted Therapy Pyes, 457563 No No Immunotherapy Rull Surgery Pyes, 457563 No No Immunotherapy Rull Surgery Pyes, 457665 Yes No Radiation Therapy Null Chemotherapy Immunotherapy Immunotherapy Immunotherapy Pyes, 457665 Yes No Radiation Therapy Null Chemotherapy Pyes, 457665 No No Radiation Therapy Null Chemotherapy Pyes, 457678 No No Radiation	Yes, 457086	No	Yes	Radiation Therapy	Null	Surgery
Yes, 457226         No         Immunotherapy         Chemotherapy         Surgery           Yes, 457226         Yes         No         Chemotherapy         Targeted Therapy         Immunotherapy           Yes, 457231         Yes         Yes         Chemotherapy         Chemotherapy         Null           Yes, 457323         No         Immunotherapy         Agalation Therapy         Immunotherapy           Yes, 457378         No         No         Surgery         Surgery         Surgery           Yes, 457378         No         No         Radiation Therapy         Null         Surgery           Yes, 457378         Yes         Chemotherapy         Null         Surgery           Yes, 457420         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457487         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457457         Yes         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457457         No         Chemotherapy         Surgery         Null         Radiation Therapy           Yes, 457545         No         No         Chemotherapy         Null         Radiation Therapy      <	Yes, 457110	Yes	No		Immunotherapy	
Yes, 457299         No         Surgery         Immunotherapy           Yes, 457214         Yes         Chemotherapy         Targeted Therapy         Immunotherapy           Yes, 457324         Yes         Chemotherapy         Chemotherapy         Null           Yes, 457323         No         No         Immunotherapy         Surgery         Surgery           Yes, 457378         No         No         Radiation Therapy         Null         Null           Yes, 457378         Yes         Chemotherapy         Null         Surgery           Yes, 457407         Yes         Chemotherapy         Null         Surgery           Yes, 457407         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 457478         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457478         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457475         Yes         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457547         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457548         Yes         Yes<	Yes, 457129	No	No	Immunotherapy		
Yes, 457214         Yes         Ves         Chemotherapy         Immunotherapy         Immunotherapy           Yes, 457232         No         No         Immunotherapy         Adaltion Therapy         Null           Yes, 457332         Yes         No         Surgery         Surgery         Surgery           Yes, 457332         Yes         No         Radiation Therapy         Null         Null           Yes, 457387         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457420         Yes         Chemotherapy         Null         Surgery           Yes, 457429         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 457484         Yes         No         Chemotherapy         Radiation Therapy         Surgery           Yes, 457457         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457547         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457548         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457545         Yes         Yes         Immunotherapy         Null         Surgery						
Yes, 457324         Yes         Chemotherapy         Chemotherapy         Null           Yes, 457323         No         Immunotherapy         Radiation Therapy         Immunotherapy           Yes, 457328         No         No         Surgery         Surgery           Yes, 457378         No         No         Radiation Therapy         Null         Null           Yes, 457420         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457439         Yes         No         Chemotherapy         Null         Chemotherapy           Yes, 457448         Yes         No         Chemotherapy         Targeted Therapy         Targeted Therapy           Yes, 457475         Yes         Yes         Radiation Therapy         Surgery         Radiation Therapy           Yes, 457475         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457545         Yes         Yes         Chemotherapy         Radiation Therapy         Null           Yes, 457564         No         Yes         Targeted Therapy         Null         Surgery						
Yes, 457323         No         Immunotherapy         Radiation Therapy         Immunotherapy           Yes, 457337         No         No         Surgery         Surgery         Surgery           Yes, 457337         No         No         Radiation Therapy         Null         Null           Yes, 457420         Yes         Chemotherapy         Null         Surgery           Yes, 457439         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 457438         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457475         Yes         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457475         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457540         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457545         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         Yes         Yes         Targeted Therapy         Null         Surgery           Yes, 457545         Yes         Yes         Targeted Therapy         Null         Surgery      <						
Yes, 457332         Yes         No         Radiation Therapy         Null         Null           Yes, 457387         Yes         Chemotherapy         Null         Surgery           Yes, 457387         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457420         Yes         Yes         Chemotherapy         Null         Chemotherapy           Yes, 457439         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457475         Yes         Yes         Radiation Therapy         Surgery         Radiation Therapy           Yes, 4575747         No         Ohemotherapy         Surgery         Radiation Therapy           Yes, 457548         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457548         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457548         No         No         Targeted Therapy         Null         Surgery           Yes, 457563         Yes         Chemotherapy         Radiation Therapy         Yull         Surgery           Yes, 457561         Yes         No         Surgery         Targeted Therapy         Target						
Yes, 457387         No         Radiation Therapy         Null         Surgery           Yes, 457320         Yes         Chemotherapy         Null         Surgery           Yes, 457420         Yes         Chemotherapy         Null         Surgery           Yes, 457440         Yes         No         Radiation Therapy         Null         Chemotherapy           Yes, 457448         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457475         No         No         Chemotherapy         Radiation Therapy         Surgery           Yes, 457475         No         No         Chemotherapy         Radiation Therapy         Radiation Therapy           Yes, 457547         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457547         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457547         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457563         Yes         Yes         Targeted Therapy         Null         Surgery           Yes, 457563         Yes         No         Surgery         Targeted Therapy         Targeted Therapy						
Yes, 457387         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457429         Yes         No         Radiation Therapy         Mull         Chemotherapy           Yes, 457481         Yes         No         Chemotherapy         Immunotherapy         Targeted Therapy           Yes, 457457         Yes         Yes         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 457464         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 4575750         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457590         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         Yes         Yes         Chemotherapy         Radiation Therapy         Null           Yes, 457540         Yes         Targeted Therapy         Null         Surgery         Radiation Therapy         Null           Yes, 457581         Yes         No         Surgery         Chemotherapy         Targeted Therapy         Yes         Targeted Therapy         Yes         Targeted Therapy         Yes         Yes         Targeted Therapy         Yes         Yes						
Yes, 457420         Yes         Ves         Chemotherapy Null         Surgery           Yes, 457448         Yes         No         Chemotherapy Null         Chemotherapy Targeted Therapy         Targeted Therapy           Yes, 457475         Yes         Yes         Radiation Therapy Surgery         Radiation Therapy Surgery         Radiation Therapy           Yes, 457464         No         No         Chemotherapy         Null         Radiation Therapy           Yes, 457464         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457549         Yes         Yes         Chemotherapy         Null         Radiation Therapy           Yes, 457554         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457553         Yes         Yes         Chemotherapy         Null         Surgery           Yes, 457561         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457560         Yes         No         Radiation Therapy         Null         Surgery           Yes, 4576315         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 4576326         Yes         Yes						
Yes, 457439         Yes         No         Radiation Therapy         Null         Chemotherapy         Targeted Therapy           Yes, 457476         Yes         Rodiation Therapy         Surgery         Surgery         Surgery         Surgery         Radiation Therapy         Yes, 457475         No         No         Chemotherapy         Surgery         Radiation Therapy         Yes, 457484         No         No         Targeted Therapy         Radiation Therapy         Null         Radiation Therapy         Null         Radiation Therapy         Null         Radiation Therapy         Null         No         Surgery         Radiation Therapy         Null         Surgery         Radiation Therapy         Null         Surgery         Radiation Therapy         Null         Surgery         No         Surgery         No         No         Surgery         No         No         No         Surgery         No						
Yes, 457481 Yes Ves Radiation Therapy Radiation Therapy Surgery Yes, 457457 Yes Ves Radiation Therapy Radiation Therapy Surgery Res, 457457 No No Chemotherapy Surgery Radiation Therapy Yes, 457509 Yes Yes Immunotherapy Targeted Therapy Null Res, 457548 Yes Yes Chemotherapy Surgery Radiation Therapy Yes, 457548 Yes Yes Chemotherapy Radiation Therapy Null Surgery Radiation Therapy Yes, 457558 Yes Yes Immunotherapy Null Surgery Radiation Therapy Yes, 457558 Yes Yes Immunotherapy Null Surgery Chemotherapy Targeted Therapy Radiation Therapy Yes, 457561 Yes No Surgery Chemotherapy Targeted Therapy Yes, 457560 Yes No Radiation Therapy Null Surgery Immunotherapy Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457633 No No Radiation Therapy Null Yes, 457631 Yes Yes Targeted Therapy Radiation Therapy Yes, 457661 Yes No Radiation Therapy Null Yes, 457661 Yes Yes Surgery Radiation Therapy Yes, 457661 Yes Yes Surgery Radiation Therapy Yes, 457661 Yes Yes Surgery Radiation Therapy Targeted Therapy Yes, 457680 No No Radiation Therapy Null Null Yes, 457780 No No Radiation Therapy Null Null Yes, 457781 No No Immunotherapy Null Null Yes, 457789 Yes Yes Immunotherapy Surgery Targeted Therapy Yes, 457789 Yes No Radiation Therapy Null Null Yes, 457789 Yes No Radiation Therapy Null Null Yes, 457789 Yes No Radiation Therapy Null Radiation Therapy Yes, 457789 Yes No Radiation Therapy Null Radiation Therapy Yes, 457789 Yes No Radiation Therapy Null Radiation Therapy Null Radiation Therapy Null Radiation Therapy Null Yes, 457846 No No Radiation Therapy Null Radiation Therapy Surgery Targeted Therapy Yes, 457878 Yes No Radiation Therapy Null Radiation Therapy Surgery Yes, 457940 No No Radiation Therapy Targeted Therapy Surgery Yes, 457940 No No Radiation Therapy Targeted Therapy Surgery Yes, 457940 No No Radiation Therapy Immunotherapy Immunotherapy Yes, 457940 No No Radiation Therapy Hammunotherapy Surgery Yes, 457940 No No Radiation Therapy Hammunotherapy Surgery Yes, 457940 No No Radiation Therapy Hammunotherapy Immunother						
Yes, 457457         Yes         Yes         Radiation Therapy         Surgery         Radiation Therapy         Surgery         Radiation Therapy           Yes, 457454         No         No         Tergeted Therapy         Null         Radiation Therapy         Null           Yes, 457545         Yes         Yes         Limunotherapy         Surgery         Radiation Therapy         Null           Yes, 457545         Yes         Yes         Chemotherapy         Radiation Therapy         Null           Yes, 457554         No         Yes         Targeted Therapy         Radiation Therapy         Null           Yes, 457581         Yes         Yes         Immunotherapy         Radiation Therapy         Null           Yes, 457581         Yes         Yes         Immunotherapy         Targeted Therapy         Targeted Therapy           Yes, 457606         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457615         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457612         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy         Radiation Therapy           Yes, 457628         No         No         Ragery         <						
Yes, 457475         No         No         Chemotherapy         Surgery         Radiation Therapy           Yes, 457509         Yes         Immunotherapy         Targeted Therapy         Null           Yes, 457509         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457551         Yes         Yes         Chemotherapy         Radiation Therapy           Yes, 457563         Yes         Immunotherapy         Null         Surgery           Yes, 457560         Yes         Immunotherapy         Targeted Therapy           Yes, 457590         No         No         Surgery         Chemotherapy           Yes, 457506         Yes         No         Radiation Therapy         Null         Surgery           Yes, 457615         Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 457631         Yes         No         Surgery         Radiation Therapy         Immunotherapy           Yes, 457631         Yes         Yes         Surgery         Radiation Therapy         Yes           Yes, 457631         Yes         Yes         Surgery         Radiation Therapy         Yes           Yes, 457631         Yes         Yes         S						
Yes, 457484         No         No         Targeted Therapy         Null         Radiation Therapy           Yes, 457545         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457563         Yes         Immunotherapy         Null         Surgery           Yes, 457561         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457560         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457560         Yes         No         Radiation Therapy         Null         Surgery           Yes, 457615         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457615         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457615         Yes         No         Surgery         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 457618         Yes         Surgery         Radiation Therapy         Targeted Therapy         Targeted Therapy           Yes, 457619         Yes         Surgery						
Yes, 457509         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         Yes         Yes         Chemotherapy         Surgery         Radiation Therapy           Yes, 457545         Yes         Yes         Immunotherapy         Null         Surgery           Yes, 457561         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457590         No         No         Immunotherapy         Targeted Therapy         Targeted Therapy           Yes, 457606         Yes         No         Radiation Therapy         Null         Surgery           Yes, 457615         Yes         No         Radiation Therapy         Immunotherapy         Immunotherapy           Yes, 457615         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457615         Yes         Yes         Surgery         Radiation Therapy         Targeted Therapy           Yes, 457681         Yes         Surgery         Radiation Therapy         Targeted Therapy           Yes, 457681         Yes         Surgery         Null         Null           Yes, 457730         Yes         Surgery         Yes         Surgery			No	Chemotherapy		Radiation Therapy
Yes, 457545 Yes Ves Chemotherapy Surgery Radiation Therapy Null Surgery Surgery Radiation Therapy Null Surgery	Yes, 457484	No	No	Targeted Therapy	Null	Radiation Therapy
Yes, 457554         No         Yes         Targeted Therapy         Radiation Therapy         Null           Yes, 457563         Yes         Yes         Immunotherapy         Null         Surgery           Yes, 457581         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457606         Yes         No         Radiation Therapy         Targeted Therapy           Yes, 457615         Yes         No         Surgery         Immunotherapy           Yes, 457615         Yes         No         Surgery         Immunotherapy           Yes, 457633         No         No         Surgery         Immunotherapy         Radiation Therapy           Yes, 457642         Yes         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy           Yes, 457645         Yes         Yes         Targeted Therapy         Radiation Therapy         Radiation Therapy           Yes, 457688         No         No         Radiation Therapy         Null         Null         Chemotherapy           Yes, 457740         Yes         Yes         Surgery         Chemotherapy         Targeted Therapy           Yes, 457787         Yes         No         Radiation Therapy         N	Yes, 457509	Yes	Yes	Immunotherapy	Targeted Therapy	Null
Yes, 457554 No Yes Immunotherapy Null Surgery Yes, 457563 Yes No Surgery Chemotherapy Targeted Therapy Yes, 457560 Yes No Immunotherapy Null Surgery Yes, 457581 Yes No Surgery Chemotherapy Targeted Therapy Yes, 457581 Yes No No Immunotherapy Null Surgery Yes, 457605 Yes No Radiation Therapy Null Surgery Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457633 No No Surgery Immunotherapy Immunotherapy Yes, 457642 Yes Yes Targeted Therapy Radiation Therapy Radiation Therapy Yes, 457645 Yes Yes No Radiation Therapy Null Null Yes, 457688 No No Radiation Therapy Null Null Yes, 457721 No No Immunotherapy Null Chemotherapy Yes, 457740 Yes Yes Immunotherapy Surgery Surgery Surgery Yes, 457749 Yes No Radiation Therapy Targeted Therapy Yes, 457781 No No Radiation Therapy Targeted Therapy Yes, 457784 Yes No Radiation Therapy Null Radiation Therapy Yes, 457784 Yes No Radiation Therapy Null Radiation Therapy Yes, 457878 Yes No Radiation Therapy Null Radiation Therapy Yes, 457878 Yes No Radiation Therapy Null Radiation Therapy Yes, 457879 No No Targeted Therapy Targeted Therapy Yes, 457878 Yes No Radiation Therapy Targeted Therapy Yes, 457878 Yes No Radiation Therapy Targeted Therapy Yes, 457878 Yes No Radiation Therapy Targeted Therapy Yes, 457879 Yes No Radiation Therapy Targeted Therapy Radiation Therapy Yes, 457879 Yes No Radiation Therapy Targeted Therapy Surgery Yes, 457879 Yes No Radiation Therapy Immunotherapy Immunotherapy Yes, 457879 Yes No Radiation Therapy Immunotherapy Immunotherapy Yes, 457879 Yes No Radiation Therapy Immunotherapy Immunotherapy Yes, 45798 No Yes Immunotherapy Immunotherapy Immunotherapy Yes, 45798 No Yes Radiation Therapy Immunotherapy Immunotherapy Yes, 45798 No Yes Immunotherapy Immunotherapy Immunotherapy Yes, 45798 No Yes Immunotherapy Immunotherapy Immunotherapy Yes, 45798 No Yes Immunotherapy Immunotherapy Chemotherapy	Yes, 457545	Yes	Yes	Chemotherapy	Surgery	Radiation Therapy
Yes, 457563         Yes         Immunotherapy         Null         Surgery           Yes, 457581         Yes         No         Surgery         Chemotherapy         Targeted Therapy           Yes, 457590         No         No         Immunotherapy         Targeted Therapy           Yes, 457606         Yes         No         Radiation Therapy         Null         Surgery           Yes, 457615         Yes         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457633         No         Surgery         Immunotherapy         Immunotherapy           Yes, 457642         Yes         Targeted Therapy         Radiation Therapy         Immunotherapy           Yes, 457681         Yes         Yes         Surgery         Radiation Therapy         Targeted Therapy           Yes, 457721         No         No         Immunotherapy         Null         Null         Chemotherapy           Yes, 457730         No         Yes         Surgery         Chemotherapy         Targeted Therapy           Yes, 457789         Yes         Yes         Immunotherapy         Surgery         Surgery           Yes, 457891         No         No         Radiation Therapy         Null         Radiation Therapy			Yes			
Yes, 457581 Yes No Surgery Chemotherapy Targeted Therapy Yes, 457500 No No Immunotherapy Targeted Therapy Yes, 457606 Yes No Radiation Therapy Null Surgery Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457615 Yes Yes No Surgery Immunotherapy Immunotherapy Yes, 457615 Yes Yes Targeted Therapy Radiation Therapy Yes, 457651 Yes Yes Surgery Radiation Therapy Radiation Therapy Yes, 457651 No No Radiation Therapy Null Null Yes, 457688 No No Radiation Therapy Null Chemotherapy Yes, 457730 No Yes Surgery Chemotherapy Targeted Therapy Yes, 457749 Yes Yes Immunotherapy Null Radiation Therapy Yes, 457758 Yes No Radiation Therapy Null Radiation Therapy Yes, 457759 No No Targeted Therapy Targeted Therapy Yes, 457819 No No Targeted Therapy Immunotherapy Null Radiation Therapy Yes, 457837 No No Radiation Therapy Immunotherapy Null Radiation Therapy Yes, 457837 No No Targeted Therapy Immunotherapy Null Radiation Therapy Yes, 457837 No No Targeted Therapy Immunotherapy Null Radiation Therapy Yes, 457837 No No Radiation Therapy Immunotherapy Null Radiation Therapy Yes, 457891 No No Targeted Therapy Immunotherapy Null Radiation Therapy Yes, 457891 No No Radiation Therapy Radiation Therapy Surgery Yes, 457891 Yes Yes Surgery Chemotherapy Radiation Therapy Yes, 457891 Yes Yes Surgery Chemotherapy Radiation Therapy Yes, 457940 Yes Yes Immunotherapy Immunotherapy Immunotherapy Yes, 457952 No Yes Immunotherapy Immunotherapy Immunotherapy Yes, 457952 No No Chemotherapy Radiation Therapy Chemotherapy Yes, 457952 No No Chemotherapy Immunotherapy Radiation Therapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458007 Yes No Immun						
Yes, 457590 No No Immunotherapy Targeted Therapy Targeted Therapy Yes, 457606 Yes No Radiation Therapy Null Surgery Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457633 No No Surgery Immunotherapy Immunotherapy Yes, 457633 No No Surgery Immunotherapy Immunotherapy Yes, 457631 Yes Yes Targeted Therapy Radiation Therapy Radiation Therapy Yes, 457688 No No Radiation Therapy Null Null Yes, 457721 No No Immunotherapy Null Chemotherapy Yes, 457740 No Yes Surgery Chemotherapy Targeted Therapy Yes, 457740 No Radiation Therapy Surgery Surgery Yes, 457781 Yes No Radiation Therapy Null Radiation Therapy Yes, 457810 No No Radiation Therapy Null Radiation Therapy Yes, 457817 No No Radiation Therapy Null Radiation Therapy Yes, 457817 No No Radiation Therapy Null Radiation Therapy Yes, 457817 No No Radiation Therapy Targeted Therapy Yes, 457817 No No Radiation Therapy Targeted Therapy Radiation Therapy Yes, 457817 No No Radiation Therapy Targeted Therapy Radiation Therapy Yes, 45781 No No Radiation Therapy Targeted Therapy Radiation Therapy Yes, 45781 Yes No Radiation Therapy Targeted Therapy Surgery Yes, 45781 Yes No Radiation Therapy Immunotherapy Surgery Yes, 45791 Yes Nes No Radiation Therapy Immunotherapy Immunotherapy Yes, 45791 Yes Nes Surgery Chemotherapy Radiation Therapy Yes, 45795 No Yes Immunotherapy Immunotherapy Immunotherapy Yes, 45795 No No Chemotherapy Immunotherapy Surgery Yes, 457998 No Yes Radiation Therapy Surgery Immunotherapy Yes, 457998 No Yes Immunotherapy Immunotherapy Surgery Yes, 457998 No Yes Immunotherapy Immunotherapy Surgery Yes, 457998 No No Chemotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458007 Yes No Immunotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Chemotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Chemotherapy Immunotherapy Chemotherapy Yes, 458007 Yes No Chemotherapy Immunothera						
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Yes, 457615 Yes No Surgery Immunotherapy Immunotherapy Yes, 457633 No No Surgery Immunotherapy Immunotherapy Yes, 457631 Yes Yes Yes Targeted Therapy Radiation Therapy Radiation Therapy Yes, 457651 Yes Yes Surgery Radiation Therapy Radiation Therapy Yes, 457681 No No Radiation Therapy Null Null Yes, 457721 No No Immunotherapy Null Chemotherapy Yes, 457730 No Yes Surgery Chemotherapy Targeted Therapy Yes, 457749 Yes Yes Immunotherapy Surgery Surgery Yes, 457758 Yes No Radiation Therapy Null Radiation Therapy Yes, 457794 No No Radiation Therapy Null Radiation Therapy Yes, 457819 No No Targeted Therapy Immunotherapy Radiation Therapy Yes, 457837 No No Targeted Therapy Targeted Therapy Radiation Therapy Yes, 457846 No No Radiation Therapy Radiation Therapy Surgery Yes, 457891 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457891 Yes No Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457891 Yes No Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457891 Yes Yes Surgery Chemotherapy Radiation Therapy Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Radiation Therapy Surgery Yes, 457952 No No Chemotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Radiation Therapy Chemotherapy Yes, 458006 Yes No Surgery Immunotherapy Chemotherapy Yes, 4580016 Yes No Surgery Immunotherapy Chemotherapy Yes, 4580016 Yes No Chemotherapy Immunotherapy Chemotherapy Yes, 4580026 Yes No Chemotherapy Chemotherapy Chemotherapy Yes, 4580026 Yes No Chemotherapy Chemotherapy Chemotherapy Yes, 4580026 Yes No Chemotherapy Surgery Radiation Therapy						
Yes, 457633 No No Surgery Immunotherapy Immunotherapy Yes, 457642 Yes Yes Targeted Therapy Radiation Therapy Targeted Therapy Yes, 457658 No No Radiation Therapy Null Null Yes, 457730 No Yes Surgery Chemotherapy Targeted Therapy Yes, 457730 No Yes Immunotherapy Null Radiation Therapy Yes, 457789 Yes Yes Immunotherapy Null Radiation Therapy Yes, 457789 No No Radiation Therapy Null Radiation Therapy Yes, 457781 No No Radiation Therapy Surgery Surgery Yes, 457781 No No Targeted Therapy Null Radiation Therapy Yes, 45783 No No Targeted Therapy Immunotherapy Null Yes, 457840 No No Targeted Therapy Targeted Therapy Radiation Therapy Yes, 457837 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457878 Yes No Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457881 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457873 Yes No Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457873 Yes No Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457891 Yes Yes Surgery Chemotherapy Immunotherapy Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457943 Yes Yes Radiation Therapy Radiation Therapy Radiation Therapy Yes, 457943 Yes Yes Radiation Therapy Radiation Therapy Null Surgery Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457948 No Yes Immunotherapy Immunotherapy Radiation Therapy Radiation Therapy Yes, 457949 Yes No No Chemotherapy Radiation Therapy Chemotherapy Yes, 458005 Yes No Surgery Immunotherapy Chemotherapy Radiation Therapy Radiation						
Yes, 457642YesYesTargeted TherapyRadiation TherapyRadiation TherapyYes, 457651YesYesSurgeryRadiation TherapyTargeted TherapyYes, 457688NoNoRadiation TherapyNullNullYes, 457721NoNoImmunotherapyNullChemotherapyYes, 457730NoYesSurgeryChemotherapyTargeted TherapyYes, 457749YesYesImmunotherapySurgerySurgeryYes, 457758YesNoRadiation TherapySurgeryTargeted TherapyYes, 457781NoNoRadiation TherapyNullRadiation TherapyYes, 457819NoNoTargeted TherapyNullRadiation TherapyYes, 457837NoNoTargeted TherapyRadiation TherapyYes, 457837YesNoRadiation TherapySurgeryYes, 457837YesNoRadiation TherapySurgeryYes, 457837YesNoRadiation TherapyRadiation TherapyYes, 457916YesYesSurgeryImmunotherapyImmunotherapyYes, 457925NoYesImmunotherapyImmunotherapySurgeryYes, 457928NoNoChemotherapyImmunotherapySurgeryYes, 457992NoNoChemotherapyImmunotherapyChemotherapyYes, 458007YesNoImmunotherapyChemotherapyChemotherapyYes, 458006YesNo						
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Yes, 457749YesYesImmunotherapySurgerySurgeryYes, 457758YesNoRadiation TherapySurgeryTargeted TherapyYes, 457794NoNoRadiation TherapyNullRadiation TherapyYes, 457819NoNoTargeted TherapyNullYes, 457837NoNoTargeted TherapyRadiation TherapyYes, 457846NoNoImmunotherapyTargeted TherapySurgeryYes, 457873YesNoRadiation TherapySurgeryYes, 457891YesYesSurgeryChemotherapyRadiation TherapyYes, 457916YesYesTargeted TherapyImmunotherapyYes, 457943YesYesRadiation TherapyImmunotherapyYes, 457945NoYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyChemotherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapy			No	Immunotherapy	Null	Chemotherapy
Yes, 457758YesNoRadiation TherapySurgeryTargeted TherapyYes, 457794NoNoRadiation TherapyNullRadiation TherapyYes, 457819NoNoTargeted TherapyImmunotherapyNullYes, 457837NoNoImmunotherapyTargeted TherapyRadiation TherapyYes, 457846NoNoImmunotherapyRadiation TherapySurgeryYes, 457873YesNoRadiation TherapyRadiation TherapyYes, 457891YesYesSurgeryChemotherapyRadiation TherapyYes, 457916YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 457925NoYesImmunotherapySurgeryYes, 457943YesYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapyYes, 458025YesNoChemotherapyRadiation Therapy	Yes, 457730	No	Yes	Surgery	Chemotherapy	Targeted Therapy
Yes, 457794NoNoRadiation TherapyNullRadiation TherapyYes, 457819NoNoTargeted TherapyImmunotherapyNullYes, 457837NoNoTargeted TherapyRadiation TherapyYes, 457846NoNoImmunotherapyTargeted TherapySurgeryYes, 457873YesNoRadiation TherapyRadiation TherapyYes, 457891YesYesSurgeryChemotherapyRadiation TherapyYes, 457916YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 457925NoYesImmunotherapySurgeryYes, 457943YesYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapy	Yes, 457749	Yes	Yes	Immunotherapy	Surgery	Surgery
Yes, 457819 No No Targeted Therapy Immunotherapy Null Yes, 457846 No No Immunotherapy Targeted Therapy Surgery Yes, 457873 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457873 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457874 Yes Yes Surgery Chemotherapy Radiation Therapy Padiation Therapy Radiation Therapy Padiation Therapy Padiation Therapy Padiation Therapy Immunotherapy Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Surgery Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457952 No No Chemotherapy Immunotherapy Surgery Yes, 4579598 No Yes Immunotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458016 Yes No Surgery Immunotherapy Chemotherapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy	Yes, 457758	Yes	No	Radiation Therapy	Surgery	Targeted Therapy
Yes, 457819 No No Targeted Therapy Immunotherapy Null Yes, 457837 No No No Immunotherapy Targeted Therapy Radiation Therapy Yes, 457846 No No Immunotherapy Targeted Therapy Surgery Yes, 457873 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 4578791 Yes Yes Surgery Chemotherapy Radiation Therapy Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Surgery Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457952 No No Chemotherapy Immunotherapy Surgery Yes, 457958 No Yes Immunotherapy Radiation Therapy Surgery Yes, 457998 No Yes Immunotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458016 Yes No Surgery Immunotherapy Chemotherapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy	Yes, 457794	No	No	Radiation Therapy	Null	Radiation Therapy
Yes, 457837NoNoTargeted TherapyTargeted TherapyRadiation TherapyYes, 457846NoNoImmunotherapyTargeted TherapySurgeryYes, 457873YesNoRadiation TherapyRadiation TherapyYes, 457891YesYesSurgeryChemotherapyRadiation TherapyYes, 457916YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 457925NoYesImmunotherapyImmunotherapyYes, 457943YesYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapy			No		Immunotherapy	
Yes, 457846NoNoImmunotherapyTargeted TherapySurgeryYes, 457873YesNoRadiation TherapyRadiation TherapyYes, 457891YesYesSurgeryChemotherapyRadiation TherapyYes, 457916YesYesTargeted TherapyImmunotherapyImmunotherapyYes, 457925NoYesImmunotherapyImmunotherapyYes, 457943YesYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapy						
Yes, 457873 Yes No Radiation Therapy Radiation Therapy Surgery Yes, 457891 Yes Yes Surgery Chemotherapy Radiation Therapy Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Surgery Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457952 No No Chemotherapy Immunotherapy Surgery Yes, 457998 No Yes Immunotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458016 Yes No Surgery Immunotherapy Chemotherapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy						
Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Surgery Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457952 No No Chemotherapy Immunotherapy Surgery Yes, 457998 No Yes Immunotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458016 Yes No Surgery Immunotherapy Chemotherapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy						
Yes, 457916 Yes Yes Targeted Therapy Immunotherapy Immunotherapy Yes, 457925 No Yes Immunotherapy Surgery Immunotherapy Yes, 457943 Yes Yes Radiation Therapy Null Surgery Yes, 457952 No No Chemotherapy Immunotherapy Surgery Yes, 457998 No Yes Immunotherapy Radiation Therapy Chemotherapy Yes, 458007 Yes No Immunotherapy Immunotherapy Radiation Therapy Yes, 458016 Yes No Surgery Immunotherapy Chemotherapy Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy						
Yes, 457925NoYesImmunotherapySurgeryImmunotherapyYes, 457943YesYesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapySurgeryRadiation Therapy						
Yes, 457943YesRadiation TherapyNullSurgeryYes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyYes, 458007YesNoImmunotherapyImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyChemotherapyYes, 458025YesNoChemotherapyRadiation Therapy						
Yes, 457952NoNoChemotherapyImmunotherapySurgeryYes, 457998NoYesImmunotherapyRadiation TherapyYes, 458007YesNoImmunotherapyImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyRadiation Therapy						
Yes, 457998NoYesImmunotherapyRadiation TherapyChemotherapyYes, 458007YesNoImmunotherapyImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapyRadiation Therapy			Yes	Radiation Therapy	Null	Surgery
Yes, 458007YesNoImmunotherapyImmunotherapyRadiation TherapyYes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapySurgeryRadiation Therapy	Yes, 457952	No	No	Chemotherapy	Immunotherapy	Surgery
Yes, 458016YesNoSurgeryImmunotherapyChemotherapyYes, 458025YesNoChemotherapySurgeryRadiation Therapy	Yes, 457998	No	Yes	Immunotherapy	Radiation Therapy	Chemotherapy
Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy	Yes, 458007	Yes	No	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 458025 Yes No Chemotherapy Surgery Radiation Therapy			No			
			No	Chemotherapy	Surgery	Targeted Therapy
105, 430113 No No Chamotherapy Surgery Pargette metapy				221110 Citics Gp.y	30- 3	. z. gocou morapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	f
Yes, 458122	Yes	No	Radiation Therapy	Chemotherapy	Surgery	
Yes, 458131	Yes	Yes	Immunotherapy	Null	Radiation Therapy	y la company de la company
Yes, 458140	Yes	No	Radiation Therapy	Surgery	Radiation Therapy	y .
Yes, 458168	Yes	Yes	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 458186	No	Yes	Radiation Therapy	Null	Surgery	
Yes, 458195	Yes	No	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 458210	No	No	Chemotherapy	Immunotherapy	Surgery	
Yes, 458238	No	No	Radiation Therapy	Null	Null	
Yes, 458247	Yes	No	Immunotherapy	Null	Null	
Yes, 458283	No	No	Chemotherapy	Immunotherapy	Null	
Yes, 458292	No	Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	y land the second secon
Yes, 458326	No	Yes	Targeted Therapy	Surgery	Radiation Therapy	y la company de la company
Yes, 458335	No	Yes	Radiation Therapy	Immunotherapy	Null	
Yes, 458344	Yes	No	Targeted Therapy	Null	Surgery	
Yes, 458362		No	Immunotherapy	Chemotherapy	Targeted Therapy	
		Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy	
Yes, 458423		No	Chemotherapy	Surgery	Radiation Therapy	
Yes, 458432		No	Immunotherapy	Null	Null	
Yes, 458478		Yes	Targeted Therapy	Chemotherapy	Radiation Therapy	v en
	Yes	Yes	Chemotherapy	Null	Radiation Therapy	
Yes, 458496		No	Immunotherapy	Surgery	Surgery	
Yes, 458502		No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 458511		No	Targeted Therapy	Chemotherapy	Null	
Yes, 458557		Yes	Immunotherapy	Surgery	Targeted Therapy	
Yes, 458609		No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 458618		No	Chemotherapy	Null	Radiation Therapy	
Yes, 458636		No	Radiation Therapy		Radiation Therapy	
Yes, 458681		No	Surgery	Null	Targeted Therapy	
Yes, 458742		Yes	Radiation Therapy	Null	Radiation Therapy	
Yes, 458751		No	Immunotherapy	Null	Immunotherapy	
Yes, 458812		Yes	Immunotherapy	Null	Targeted Therapy	
Yes, 458830		Yes	Targeted Therapy	Surgery	Immunotherapy	
Yes, 458858		No	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 458919		No	Radiation Therapy	Null	Targeted Therapy	
Yes, 458955		No	Immunotherapy	Radiation Therapy	Surgery	
Yes, 458973		No	Surgery	Immunotherapy	Null	
Yes, 458982		No	Radiation Therapy	Immunotherapy	Targeted Therapy	
Yes, 459019		Yes	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 459028		No	Surgery	Chemotherapy	Immunotherapy	
Yes, 459055		No	Radiation Therapy	Surgery	Null	
Yes, 459064		No	Radiation Therapy	Chemotherapy	Radiation Therapy	
Yes, 459073		Yes	Targeted Therapy	Immunotherapy	Chemotherapy	
Yes, 459073		Yes	Surgery	Chemotherapy	Null	
Yes, 459107		Yes	Chemotherapy	Immunotherapy	Chemotherapy	
Yes, 459107		No	Chemotherapy	Radiation Therapy		
					Chemotherapy	
Yes, 459143		Yes	Radiation Therapy	Radiation Therapy	Null Dadiation Thorsan	
Yes, 459152		No	Immunotherapy	Radiation Therapy	Radiation Therapy	
Yes, 459189		No	Immunotherapy	Targeted Therapy	Surgery	
Yes, 459198	res	Yes	Chemotherapy	Null	Chemotherapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 459204	No	Yes	Chemotherapy	Null	Null	
Yes, 459213	Yes	Yes	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 459268	No	No	Chemotherapy	Targeted Therapy	Immunotherapy	
Yes, 459295	Yes	No	Chemotherapy	Null	Radiation Therapy	
Yes, 459310	No	No	Targeted Therapy	Targeted Therapy	Surgery	
Yes, 459329	Yes	No	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 459338	Yes	Yes	Chemotherapy	Targeted Therapy	Surgery	
Yes, 459356	No	No	Radiation Therapy	Targeted Therapy	Targeted Therapy	
Yes, 459417	Yes	Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 459453	No	No	Surgery	Null	Radiation Therapy	
Yes, 459523	Yes	No	Targeted Therapy	Radiation Therapy	Targeted Therapy	
Yes, 459602	No	Yes	Chemotherapy	Null	Chemotherapy	
Yes, 459611	No	Yes	Targeted Therapy	Null	Null	
Yes, 459620	No	No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 459684	Yes	Yes	Radiation Therapy	Surgery	Surgery	
Yes, 459693	No	No	Targeted Therapy	Null	Null	
Yes, 459718		No	Radiation Therapy	Radiation Therapy	Chemotherapy	
Yes, 459736		No	Chemotherapy	Null	Immunotherapy	
Yes, 459745		No	Surgery	Targeted Therapy	Surgery	
Yes, 459824		No	Radiation Therapy	Immunotherapy	Chemotherapy	
Yes, 459851		Yes	Surgery	Targeted Therapy	Targeted Therapy	
Yes, 459967		Yes	Surgery	Targeted Therapy	Null	
Yes, 459985		No	Targeted Therapy	Chemotherapy	Targeted Therapy	
Yes, 459994		No	Surgery	Null	Chemotherapy	
Yes, 460011		No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 460020		Yes	Chemotherapy	Chemotherapy	Targeted Therapy	
Yes, 460039		No	Targeted Therapy	Surgery	Null	
Yes, 460048		No	Surgery	Radiation Therapy	Immunotherapy	
Yes, 460057		Yes	Immunotherapy	Immunotherapy	Immunotherapy	
Yes, 460075		No	Surgery	Surgery	Null	
Yes, 460093		No	Surgery	Chemotherapy	Radiation Therapy	
Yes, 460118		No	Radiation Therapy	Radiation Therapy	Null	
Yes, 460136		No	Targeted Therapy	Surgery	Immunotherapy	
Yes, 460145		No	Surgery	Surgery	Null	
Yes, 460172		No	Chemotherapy	Targeted Therapy	Chemotherapy	
Yes, 460181		No	Targeted Therapy	Immunotherapy	Surgery	
Yes, 460190		No	Immunotherapy	Radiation Therapy	Chemotherapy	
Yes, 460206		Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy	
Yes, 460349		No	Surgery	Radiation Therapy	Chemotherapy	
Yes, 460385		No	Targeted Therapy	Surgery	Radiation Therapy	
Yes, 460455		Yes	Chemotherapy	Radiation Therapy	Surgery	
Yes, 460473		Yes	Immunotherapy	Targeted Therapy	Immunotherapy	
Yes, 460525		No	Targeted Therapy	Null	Surgery	
Yes, 460561		No	Immunotherapy	Immunotherapy	Chemotherapy	
Yes, 460589		Yes	Chemotherapy	Null	Chemotherapy	
Yes, 460598		No	Targeted Therapy	Targeted Therapy	Radiation Therapy	
Yes, 460604		Yes	Chemotherapy	Immunotherapy	Immunotherapy	
Yes, 460631		No	Targeted Therapy	Targeted Therapy	Immunotherapy	
Yes, 460668		No	Radiation Therapy	Surgery	Targeted Therapy	
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Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced	
Yes, 460677	No	Yes	Radiation Therapy	Surgery	Radiation Therapy	
Yes, 460695	No	No	Surgery	Null	Null	
Yes, 460701	No	No	Chemotherapy	Targeted Therapy	Surgery	
Yes, 460710	Yes	Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 460729	No	No	Immunotherapy	Chemotherapy	Immunotherapy	
Yes, 460756	Yes	Yes	Targeted Therapy	Surgery	Surgery	
Yes, 460765	No	Yes	Targeted Therapy	Chemotherapy	Surgery	
Yes, 460783	Yes	Yes	Immunotherapy	Null	Surgery	
Yes, 460826	No	Yes	Chemotherapy	Radiation Therapy	Surgery	
Yes, 460835	No	Yes	Targeted Therapy	Null	Null	
Yes, 460844	Yes	No	Targeted Therapy	Null	Radiation Therapy	
Yes, 460853	Yes	Yes	Targeted Therapy	Radiation Therapy	Chemotherapy	
Yes, 460862	No	Yes	Surgery	Null	Surgery	
Yes, 460905		No	Targeted Therapy	Null	Immunotherapy	
Yes, 460923		No	Chemotherapy	Null	Chemotherapy	
Yes, 460941		Yes	Chemotherapy	Targeted Therapy	Chemotherapy	
Yes, 460978		Yes	Radiation Therapy	Null	Chemotherapy	
Yes, 460987		No	Chemotherapy	Immunotherapy	Radiation Therapy	
Yes, 460996		No	Immunotherapy	Radiation Therapy	Targeted Therapy	
Yes, 461005		No	Targeted Therapy	Chemotherapy	Radiation Therapy	
Yes, 461014		No	Chemotherapy	Null	Chemotherapy	
Yes, 461023		No	Surgery	Radiation Therapy	Null	
Yes, 461087		Yes	Targeted Therapy	Chemotherapy	Null	
Yes, 461111		Yes	Targeted Therapy	Radiation Therapy	Surgery	
Yes, 461120		Yes	Targeted Therapy	Immunotherapy	Null	
Yes, 461139		No	Immunotherapy	Null	Null	
Yes, 461148		Yes	Surgery	Surgery	Chemotherapy	
Yes, 461157		No	Surgery	Surgery	Null	
Yes, 461175		Yes	Radiation Therapy	Chemotherapy	Surgery	
Yes, 461184		Yes	Radiation Therapy	Null	Immunotherapy	
Yes, 461218		No	Immunotherapy	Targeted Therapy	Chemotherapy	
Yes, 461227		No	Radiation Therapy	Surgery	Null	
Yes, 461236		Yes	Surgery	Null	Immunotherapy	
Yes, 461263		No	Chemotherapy	Targeted Therapy	Surgery	
Yes, 461281		Yes	Surgery	Chemotherapy	Surgery	
Yes, 461306		No	Chemotherapy	Surgery	Immunotherapy	
Yes, 461333		Yes	Chemotherapy	Surgery	Radiation Therapy	
Yes, 461342		Yes	Radiation Therapy	Chemotherapy	Immunotherapy	
Yes, 461403		No	Radiation Therapy	Chemotherapy	Surgery	
Yes, 461412		Yes	Radiation Therapy	Null	Radiation Therapy	
Yes, 461430		No	Targeted Therapy	Immunotherapy	Immunotherapy	
Yes, 461449		No	Chemotherapy	Chemotherapy	Radiation Therapy	
Yes, 461458		Yes	Immunotherapy	Immunotherapy	Surgery	
Yes, 461467		No	Chemotherapy	Chemotherapy	Immunotherapy	
Yes, 461476		No	Radiation Therapy	Null	Surgery	
Yes, 461528		No	Surgery	Radiation Therapy	Radiation Therapy	
Yes, 461537		No	Radiation Therapy	Targeted Therapy	Immunotherapy	
Yes, 461546		No No	Chemotherapy	Null	Targeted Therapy	
Yes, 461564			Surgery	Surgery	Surgery	

atient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 461625	No	No	Immunotherapy	Null	Surgery
Yes, 461634	Yes	No	Targeted Therapy	Chemotherapy	Radiation Therapy
Yes, 461643	Yes	Yes	Radiation Therapy	Immunotherapy	Targeted Therapy
Yes, 461661	No	No	Chemotherapy	Chemotherapy	Radiation Therapy
Yes, 461698	No	No	Immunotherapy	Radiation Therapy	Radiation Therapy
Yes, 461722	No	No	Surgery	Null	Radiation Therapy
Yes, 461768	Yes	Yes	Chemotherapy	Null	Null
Yes, 461777	Yes	Yes	Chemotherapy	Immunotherapy	Immunotherapy
Yes, 461786	Yes	Yes	Radiation Therapy	Null	Null
Yes, 461795		Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 461838		No	Targeted Therapy	Null	Immunotherapy
Yes, 461856	Yes	No	Chemotherapy	Null	Chemotherapy
Yes, 461865		Yes	Targeted Therapy	Immunotherapy	Null
Yes, 461883		Yes	Surgery	Null	Surgery
Yes, 461892		No	Surgery	Chemotherapy	Null
Yes, 461980		No	Surgery	Null	Targeted Therapy
Yes, 461999		No	Chemotherapy	Immunotherapy	Chemotherapy
Yes, 462008					
		No	Radiation Therapy	Immunotherapy	Surgery
Yes, 462026		No	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 462044		No	Chemotherapy	Targeted Therapy	Targeted Therapy
Yes, 462053		Yes	Surgery	Targeted Therapy	Immunotherapy
Yes, 462062		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 462080		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 462114		No	Targeted Therapy	Targeted Therapy	Null
Yes, 462141		Yes	Targeted Therapy	Surgery	Targeted Therapy
Yes, 462178	No	Yes	Chemotherapy	Surgery	Null
Yes, 462187	No	Yes	Chemotherapy	Chemotherapy	Targeted Therapy
Yes, 462196	Yes	No	Chemotherapy	Radiation Therapy	Null
Yes, 462202	No	Yes	Surgery	Chemotherapy	Null
Yes, 462266	Yes	Yes	Chemotherapy	Null	Immunotherapy
Yes, 462309	No	No	Radiation Therapy	Null	Chemotherapy
Yes, 462318	Yes	Yes	Surgery	Chemotherapy	Targeted Therapy
Yes, 462345	No	Yes	Surgery	Surgery	Chemotherapy
Yes, 462354		No	Immunotherapy	Surgery	Targeted Therapy
Yes, 462406		No	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 466161		Yes	Radiation Therapy	Targeted Therapy	Targeted Therapy
Yes, 466514		Yes	Immunotherapy	Surgery	Surgery
Yes, 466921		Yes	Chemotherapy	Immunotherapy	Surgery
Yes, 467058		No	Immunotherapy	Chemotherapy	Radiation Therapy
Yes, 467094		Yes	Radiation Therapy	Surgery	Radiation Therapy
Yes, 467155		Yes	Surgery	Radiation Therapy	Surgery
Yes, 467368		Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 467508		No	Immunotherapy	Chemotherapy	Surgery
Yes, 467517		No	Targeted Therapy	Null	Surgery
Yes, 467544		No	Targeted Therapy	Immunotherapy	Null
Yes, 467562	Yes	No	Immunotherapy	Immunotherapy	Immunotherapy
Yes, 467571	No	Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 467599	Yes	Yes	Immunotherapy	Null	Chemotherapy
Yes, 467605	Yes	No	Surgery	Surgery	Targeted Therapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 467614	No	Yes	Chemotherapy	Chemotherapy	Surgery
Yes, 467632		Yes	Immunotherapy	Immunotherapy	Targeted Therapy
Yes, 467650	No	No	Immunotherapy	Surgery	Null
Yes, 467784		No	Chemotherapy	Radiation Therapy	Null
Yes, 467872		No	Surgery	Surgery	Targeted Therapy
Yes, 467881		No	Targeted Therapy	Surgery	Immunotherapy
Yes, 467906		No	Radiation Therapy	Chemotherapy	Targeted Therapy
Yes, 468006		No	Targeted Therapy	Null	Radiation Therapy
Yes, 468255					
		Yes	Radiation Therapy	Radiation Therapy	Null
Yes, 468705		Yes	Immunotherapy	Null	Targeted Therapy
Yes, 468732		No	Chemotherapy	Null	Chemotherapy
Yes, 468769		No	Targeted Therapy	Null	Null
Yes, 468866		Yes	Targeted Therapy	Chemotherapy	Surgery
Yes, 468963		Yes	Immunotherapy	Immunotherapy	Null
Yes, 469054	No	Yes	Targeted Therapy	Null	Immunotherapy
Yes, 469124	Yes	No	Targeted Therapy	Targeted Therapy	Radiation Therapy
Yes, 469133	No	No	Radiation Therapy	Radiation Therapy	Targeted Therapy
Yes, 469142	Yes	Yes	Surgery	Chemotherapy	Surgery
Yes, 469151	No	Yes	Immunotherapy	Null	Surgery
Yes, 469160		No	Targeted Therapy	Targeted Therapy	Null
Yes, 469197		No	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 469407		No	Radiation Therapy	Null	Radiation Therapy
Yes, 469407		No	Surgery	Null	Chemotherapy
Yes, 469568		No	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 469920		Yes	Surgery	Null	Null
Yes, 469957		Yes	Targeted Therapy	Radiation Therapy	Chemotherapy
Yes, 469993		Yes	Chemotherapy	Radiation Therapy	Surgery
Yes, 470092	Yes	No	Immunotherapy	Null	Null
Yes, 470296	No	Yes	Surgery	Null	Surgery
Yes, 470302	Yes	No	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 470870	No	Yes	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 474702	Yes	No	Chemotherapy	Null	Null
Yes, 474890		Yes	Radiation Therapy	Targeted Therapy	Chemotherapy
Yes, 474915		Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 474951		No	Immunotherapy	Surgery	Immunotherapy
Yes, 474979		Yes		Chemotherapy	Null
			Chemotherapy  Dadiation Thorapy		
Yes, 474997		No	Radiation Therapy	Surgery	Surgery
Yes, 475015		No	Surgery	Surgery	Surgery
Yes, 475024		No	Surgery	Null	Immunotherapy
Yes, 475033		Yes	Radiation Therapy	Targeted Therapy	Surgery
Yes, 475130	Yes	No	Surgery	Radiation Therapy	Null
Yes, 475176	No	No	Targeted Therapy	Surgery	Radiation Therapy
Yes, 475185	Yes	Yes	Surgery	Radiation Therapy	Surgery
Yes, 475200	Yes	Yes	Targeted Therapy	Targeted Therapy	Targeted Therapy
Yes, 475228		Yes	Targeted Therapy	Surgery	Null
Yes, 475237		Yes	Chemotherapy	Null	Immunotherapy
Yes, 475255		Yes	Radiation Therapy	Null	Immunotherapy
		No			
Yes, 475291			Surgery	Surgery	Chemotherapy
Yes, 475325	Yes	No	Immunotherapy	Chemotherapy	Chemotherapy

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced
Yes, 475370		Yes	Immunotherapy	Chemotherapy	Null
Yes, 475404		Yes	Immunotherapy	Targeted Therapy	Immunotherapy
Yes, 475422		No	Chemotherapy	Immunotherapy	Targeted Therapy
Yes, 475431		No	Surgery	Immunotherapy	Surgery
Yes, 475440		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 475477		No	Targeted Therapy	Surgery	Surgery
Yes, 475529		Yes	Immunotherapy	Null	Immunotherapy
Yes, 475547		Yes		Radiation Therapy	Chemotherapy
			Radiation Therapy		
Yes, 475565		Yes	Chemotherapy	Radiation Therapy	Null
Yes, 475574		Yes	Chemotherapy	Surgery	Radiation Therapy
Yes, 475608		No	Surgery	Null	Targeted Therapy
Yes, 475617		No	Immunotherapy	Chemotherapy	Null
Yes, 475635		Yes	Radiation Therapy	Chemotherapy	Radiation Therapy
Yes, 475653		Yes	Radiation Therapy	Radiation Therapy	Surgery
Yes, 475699		No	Radiation Therapy	Null	Null
Yes, 475714	Yes	Yes	Radiation Therapy	Targeted Therapy	Radiation Therapy
Yes, 475723	Yes	No	Targeted Therapy	Surgery	Surgery
Yes, 475732	No	Yes	Surgery	Chemotherapy	Surgery
Yes, 475741	No	Yes	Radiation Therapy	Null	Targeted Therapy
Yes, 475750	Yes	Yes	Chemotherapy	Null	Null
Yes, 475839		Yes	Chemotherapy	Null	Null
Yes, 475875		Yes	Immunotherapy	Chemotherapy	Null
Yes, 476063		Yes	Surgery	Targeted Therapy	Targeted Therapy
Yes, 476090		Yes	Chemotherapy	Surgery	Targeted Therapy
Yes, 476124		Yes	Surgery	Surgery	Null
Yes, 476142		Yes	Targeted Therapy	Immunotherapy	Targeted Therapy
Yes, 476151			Radiation Therapy	Null	Targeted Therapy
		No			
Yes, 476179		Yes	Surgery	Null	Chemotherapy
Yes, 476294		No	Targeted Therapy	Radiation Therapy	Radiation Therapy
Yes, 476319		Yes	Chemotherapy	Targeted Therapy	Chemotherapy
Yes, 476337		Yes	Chemotherapy	Surgery	Surgery
Yes, 476382		No	Targeted Therapy	Null	Null
Yes, 476391	Yes	No	Radiation Therapy	Surgery	Chemotherapy
Yes, 476470	No	Yes	Radiation Therapy	Radiation Therapy	Immunotherapy
Yes, 476489	No	Yes	Surgery	Null	Null
Yes, 476498	No	Yes	Immunotherapy	Chemotherapy	Immunotherapy
Yes, 476513	Yes	Yes	Targeted Therapy	Radiation Therapy	Targeted Therapy
Yes, 476531		No	Radiation Therapy	Null	Targeted Therapy
Yes, 476559		Yes	Targeted Therapy	Immunotherapy	Immunotherapy
Yes, 476586		Yes	Immunotherapy	Immunotherapy	Radiation Therapy
Yes, 476595		Yes	Immunotherapy	Radiation Therapy	Null
Yes, 476610		Yes	Chemotherapy	Surgery	Surgery
Yes, 476629		No	Chemotherapy	Surgery	Chemotherapy
Yes, 476647		No	Surgery	Null	Targeted Therapy
Yes, 476708		No	Surgery	Null	Surgery
Yes, 476726		Yes	Chemotherapy	Null	Surgery
Yes, 476744	Yes	Yes	Surgery	Null	Surgery
Yes, 476780	Yes	No	Targeted Therapy	Null	Surgery
Yes, 476799	No	No	Surgery	Immunotherapy	Null

Patient ID	Effective III	Effective i	Treatment proced	Treatment Proced	Treatment proced		
Yes, 476805	Yes	Yes	Surgery	Radiation Therapy	Surgery		
Yes, 476814	Yes	No	Radiation Therapy	Null	Chemotherapy		
						0	1
						Number	of Records

Sum of Number of Records for each Treatment procedure III. Details are shown for 12/14/2017 and 12/13/2017.