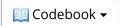
Emory University
Library Information Technology Services

Emory Cardiovascular Biobank



📖 Data Dictionary Codebook

03/16/2018 4:48pm

#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)		
Ins	trument: Patient Ide	ntification (patient_identification)			
1	uniqueid	UniqueID	text, Required		
2	hosp	Hospital/Site of Enrollment	radio, Required 0 Emory University Hospital 1 Emory Midtown 2 VA Medical Center 3 Grady Memorial Hospital 4 Other		
3	recordid	EMPI# (Emory), MRN (Grady), Last 4# SSN (VAMC) Obtain from Patient Information Tab in PowerChart, please omit any preceding 0s	text, Required, Identifier Field Annotation: @HIDDEN-SURVEY text, Required, Identifier Field Annotation: @HIDDEN-SURVEY		
4	hospother Show the field ONLY i f: [hosp]="4"	Other	text Field Annotation: @HIDDEN-SURVEY		
5	mrn Show the field ONLY i f: [hosp] = '0' or [hosp] = '1'	Emory Medical Record Number (MRN) Obtain for current admission. Please omit any preceding 0s	text, Identifier Field Annotation: @HIDDEN-SURVEY		
6	fname	First Name	text, Required, Identifier		
7	minit	Middle Initial Without "."	text (alpha_only), Identifier		
8	Iname	Last Name	text, Required, Identifier		
9	dob	Date of Birth mm-dd-yyyy	text (date_mdy), Required, Identifier		
10	comment1	Comments	notes Field Annotation: @HIDDEN-SURVEY		

/2016	To Emory Cardiovascular Biodarik RedCap					
11	address	Section Header: Contact Information Address	text, Required, Identifier			
12	city	City	text, Required, Identifier			
13	state	State	text, Required, Identifier			
14	zip	ZIP Code	text (zipcode), Required, Identifier			
15	phbest	Best Contact Number	text (phone), Required			
16	phbest_type	Best Contact Number Type	radio, Required 1 Home 2 Cell 3 Work			
17	phhome	Home Phone	text, Required, Identifier Field Annotation: @HIDDEN-SURVEY			
18	phwork	Work Phone	text, Identifier Field Annotation: @HIDDEN-SURVEY			
19	phcell	Cell Phone	text, Identifier Field Annotation: @HIDDEN-SURVEY			
20	timecont	Best Time to Contact	radio 0 Any 1 Morning 2 Afternoon 3 Early Evening 4 Late Evening			
21	emaillist	Do you consent to be contacted by email?	radio, Required 1 Yes 0 No			
22	email Show the field ONLY i f: [emaillist] = '1'	E-mail	text (email), Required, Identifier			
23	comment2	Comments	text Field Annotation: @HIDDEN-SURVEY			
24	fnamer	Section Header: Emergency Contact Information First Name	text, Required, Identifier			
25	Inamer	Last Name	text, Required, Identifier			
-		<u> </u>	-			

	Emory Cardiovascular blobank NEDCap					
26	relnship	Relationship	radio, Required, Identifier 0 Spouse 1 Sibling 2 Parent 3 Relative 4 Friend 5 Other			
27	reInshipoth Show the field ONLY i f: [reInship]="5"	Other	text			
28	phoner	Contact Phone	text, Required, Identifier			
29	comment3	Comments	text Field Annotation: @HIDDEN-SURVEY			
30	gend	Section Header: <i>Demographics</i> Gender	radio, Required 1 Male 0 Female			
31	race	Race Obtain from patient	radio, Required 1 Caucasian White 2 African American Black 3 Hispanic 4 Asian 5 Native American 6 Pacific Islander 7 Other			
32	raceoth Show the field ONLY i f: [race]="7"	Other	text			
33	ms	Marital Status Obtain from patient	radio, Required 1 Married 2 Widowed 3 Divorced 4 Separated 5 Never Married			

2.4		Employment Status	radia Daguira d
34	es	Employment Status	radio, Required 1 Full Time (>=35 hours/week)
			2 Part Time (< =35 hours/week)
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			3 Unemployed 4 Disabled
			5 Retired
35	educ	Highest Level of Education	radio, Required
			1 Elementary or Middle School
			2 Some High School
			3 High School Graduate
			4 Some College
			5 College Graduate
			6 Graduate Education or Degree
36	comment5	Comments	notes Field Annotation: @HIDDEN-SURVEY
37	patient_identification_	Section Header: Form Status	dropdown
	complete	Complete?	0 Incomplete
			1 Unverified
			2 Complete
Ins	trument: Admission	Details (admission_details)	
38	geneidadm	GeneID Format EUHXXXXXX, GMHXXXXXX. Match with blood tube labels for current admission	text, Required
39	age	Age at Enrollment	calc, Required Calculation: datediff([dob],
			[enroldt],'y','mdy')
40	subhtcm	Height (cm)	text, Required
41	subwtkg	Weight (kg)	text, Required
42	blbmi	Body Mass Index (kg/m2)	calc
			Calculation: [subwtkg]/([subhtcm]* [subhtcm])*10000
43	bsa	Body Surface Area (m2)	_
43	bsa enroldt	Body Surface Area (m2) Date of Enrollment (mm/dd/yyyy) mm-dd-yyyy	[subhtcm])*10000 calc Calculation: (([subhtcm]*
		Date of Enrollment (mm/dd/yyyy)	[subhtcm])*10000 calc Calculation: (([subhtcm]* [subwtkg])/3600)^0.5
44	enroldt	Date of Enrollment (mm/dd/yyyy) mm-dd-yyyy Discharge Date (mm/dd/yyyy) Only for inpatient admissions if available Section Header: Admission Details	[subhtcm])*10000 calc Calculation: (([subhtcm]* [subwtkg])/3600)^0.5 text (date_mdy), Required
44	enroldt dischdate	Date of Enrollment (mm/dd/yyyy) mm-dd-yyyy Discharge Date (mm/dd/yyyy) Only for inpatient admissions if available	[subhtcm])*10000 calc Calculation: (([subhtcm]* [subwtkg])/3600)^0.5 text (date_mdy), Required text (date_mdy)
44	enroldt dischdate	Date of Enrollment (mm/dd/yyyy) mm-dd-yyyy Discharge Date (mm/dd/yyyy) Only for inpatient admissions if available Section Header: Admission Details	[subhtcm])*10000 calc Calculation: (([subhtcm]* [subwtkg])/3600)^0.5 text (date_mdy), Required text (date_mdy) radio, Required

47	restingsysbp	Systolic Blood Pressure (mmHg)	text,	Required		
48	restingdiabp	Diastolic Blood Pressure (mmHg)	text, Required			
49	restinghr	Heart Rate (bpm)	text, Required			
50	admcathdate	Date of Catheterization	text	text (date_mdy), Required		
51	adm_reason	Reasons for Catheterization	che	kbox, Required		
	_		1	adm_reason1	Positive Stress Test	
			2	adm_reason2	ST-Elevation Myocardial Infarction	
			3	adm_reason3	Non-ST Elevation Myocardial	
			4	adm_reason4	Unstable Angina	
			5	adm_reason5	Valvular Intervention	
			6	adm_reason6	Peripheral Intervention	
			7	adm_reason7	PreOp Cardiac Clearance	
			8	adm_reason8	Evaluation for Non-Cardiac Issues	
			9	adm_reason9	Heart Transplant	
			10	adm_reason10	Heart Failure	
			11	adm_reason11	Other	
			12	adm_reason12	TAVR	
52	adm_reason_other Show the field ONLY i f: [adm_reason(11)] = '1'	Other	note	s, Required		
53	lhc_adm	Section Header: <i>Procedures Undergone during Admission</i> Left Heart Catheterization	radio (Matrix), Required 1 Yes 0 No			
54	pci_adm	Percutaneous Coronary Intervention	radio (Matrix), Required 1 Yes 0 No			
55	rhc_adm	Right Heart Catheterization	radio (Matrix), Required 1 Yes 0 No			

56	pvd_adm	Peripheral Intervention	radio (Matrix), Required 1 Yes 0 No
57	valv_adm	Valvular Intervention	radio (Matrix), Required 1 Yes 0 No
58	incp	Section Header: Symptoms on Admission Chest pain	radio (Matrix), Required 1 Yes 0 No
59	insob	Shortness of Breath	radio (Matrix), Required 1 Yes 0 No
60	insyncope	Syncope	radio (Matrix), Required 1 Yes 0 No
61	inpalp	Palpitation	radio (Matrix), Required 1 Yes 0 No
62	inother	Other	notes
63	admission_details_co mplete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Ins	trument: Questionna	aires (questionnaires)	
64	questionnaire_dt	Questionnaire Date	text (date_mdy) Field Annotation: @HIDDEN-SURVEY @TODAY
65	days_between	Days Between Questionnaires	calc Calculation: datediff ([enrollment_1_arm_1] [questionnaire_dt], [questionnaire_dt], "d", "mdy", true) Field Annotation: @HIDDEN-SURVEY
66	mdplea	Section Header: Mood - Over the last 2 weeks, how often have you been bothered by any of the following problems? Have you lost the interest or pleasure in doing things in the last two weeks?	radio (Matrix), Required 1 Not at all 2 Several days 3 More than half the days 4 Nearly every day Question number: 1a

_		1	
67	mddep	Feeling down, depressed, or hopeless in the last	radio (Matrix), Required
		two weeks	1 Not at all
			2 Several days
			3 More than half the days
			4 Nearly every day
			Question number: 1b
68	mdsleep	Trouble falling or staying asleep, or sleeping too	radio (Matrix), Required
		much in the last two weeks	1 Not at all
			2 Several days
			3 More than half the days
			4 Nearly every day
			Overtion numbers 1 a
	Let 1		Question number: 1c
69	mdtired	Feeling tired or having little energy in the last two weeks	radio (Matrix), Required 1 Not at all
			2 Several days
			3 More than half the days
			4 Nearly every day
			Question number: 1d
70	mdappt	Poor appetite or overeating in the last two	radio (Matrix), Required
		weeks	1 Not at all
			2 Several days
			3 More than half the days
			4 Nearly every day
			Question number: 1e
71	mdbad	Feeling bad about yourself, or that you are a	radio (Matrix), Required
		failure or have let yourself or your family down in the last two weeks	1 Not at all
		in the last two weeks	2 Several days
			3 More than half the days
			4 Nearly every day
			Question number: 1f

		· · · · · · · · · · · · · · · · · · ·	<u>'</u>
72	mdconc	Trouble concentrating on things, such as reading the newspaper or watching television in the last two weeks	radio (Matrix), Required 1 Not at all 2 Several days 3 More than half the days 4 Nearly every day Question number: 1g
73	mdspeak	Moving or speaking so slowly that other people could have noticed. Or the opposite-being so fidgety or restless that you have been moving around a lot more than usual in the last two weeks	radio (Matrix), Required 1 Not at all 2 Several days 3 More than half the days 4 Nearly every day Question number: 1h
74	mddead	Thoughts that you would be better off dead or of hurting yourself in some way in the last two weeks	radio (Matrix), Required 1 Not at all 2 Several days 3 More than half the days 4 Nearly every day Question number: 1i
75	mdcouns	Are you currently taking medications or receiving counseling for depression?	radio, Required 1 Yes 0 No 9 Don't know Question number: 2
76	qhealth	In general, would you say your health is	radio, Required 1 Excellent 2 Very Good 3 Good 4 Fair 5 Poor Question number: 3

77	stress1	Section Header: Stress Questionnaire (BASELINE ONLY)	rac	lio, Required
	Show the field ONLY i	How often have you felt stress at work the past	0	Never Experienced Stress
	f:	year?	1	Some Period of Stress
	datediff ([enrollment_		2	Several Periods of Stress
	1_arm_1][questionnair		_	Several Ferious of Stress
	e_dt], [questionnaire_		3	Permanent Stress
	dt], "d", "mdy", true) =		4	Not Currently Working
	'0' or datediff ([enroll		Ľ	Not carrently Working
	ment_2_arm_1][questi		<u> </u>	action number 4
	onnaire_dt], [question naire_dt], "d", "mdy", t		Qu	estion number: 4
	rue) = '0' or datediff			
	([enrollment_3_arm_1]			
	[questionnaire_dt], [q			
	uestionnaire_dt], "d",			
	"mdy", true) = '0' or da			
	tediff ([enrollment_4_a			
	rm_1][questionnaire_d			
	t], [questionnaire_dt],			
	"d", "mdy", true) = '0' o			
	r datediff ([enrollment			
	_5_arm_1][questionna			
	ire_dt], [questionnaire			
	_dt], "d", "mdy", true) =			
	'0' or datediff ([enroll			
	ment_6_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0'			

78	stress2	How often have felt stress at home in the past	rac	radio, Required	
	Show the field ONLY i	year?	0	Never Experienced Stress	
	f:		1	Some Period of Stress	
	datediff ([enrollment_		2	Several Periods of Stress	
	1_arm_1][questionnair		2	Several Periods of Stress	
	e_dt], [questionnaire_		3	Permanent Stress	
	dt], "d", "mdy", true) =		L		
	'0' or datediff ([enroll		Ou	estion number: 5	
	ment_2_arm_1][questi		4 5		
	onnaire_dt], [question				
	naire_dt], "d", "mdy", t				
	rue) = '0' or datediff				
	([enrollment_3_arm_1]				
	[questionnaire_dt], [q				
	uestionnaire_dt], "d",				
	"mdy", true) = '0' or da				
	tediff ([enrollment_4_a				
	rm_1][questionnaire_d				
	t], [questionnaire_dt],				
	"d", "mdy", true) = '0' o				
	r datediff ([enrollment				
	_5_arm_1][questionna				
	ire_dt], [questionnaire				
	_dt], "d", "mdy", true) =				
	'0' or datediff ([enroll				
	ment_6_arm_1][questi				
	onnaire_dt], [question				
	naire_dt], "d", "mdy", t				
	rue) = '0'				

79	stress3	What level of financial stress do you feel?	radio, Required
79	Show the field ONLY i f: datediff ([enrollment_ 1_arm_1][questionnaire_ dt], [questionnaire_ dt], "d", "mdy", true) = '0' or datediff ([enrollment_2_arm_1][questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_3_arm_1] [questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_4_arm_1][questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_dt], "d", "mdy", true) = '0' or datediff ([enrollment_5_arm_1][questionnaire_dt],	What level of financial stress do you feel?	radio, Required 0 Little or None 1 Moderate 2 High or Severe Question number: 6
	t], [questionnaire_dt], "d", "mdy", true) = '0' o r datediff ([enrollment		
	_dt], "d", "mdy", true) = '0' or datediff ([enroll ment_6_arm_1][questi onnaire_dt], [question naire_dt], "d", "mdy", t rue) = '0'		

80	stress4	How much autonomy do you have in organizing	rad	io, Required	
	Show the field ONLY i	the events of your work day?	0	None	
	f:		1	Little	
	datediff ([enrollment_ 1_arm_1][questionnair		2	Moderate	
	e_dt], [questionnaire_		3		
	dt], "d", "mdy", true) =				
	'0' or datediff ([enroll		4	Complete	
	ment_2_arm_1][questi		5	Not Currently Working	
	onnaire_dt], [question				
	naire_dt], "d", "mdy", t		Qu	estion number: 7	
	rue) = '0' or datediff				
	([enrollment_3_arm_1]				
	[questionnaire_dt], [q				
	uestionnaire_dt], "d",				
	"mdy", true) = '0' or da				
	tediff ([enrollment_4_a				
	rm_1][questionnaire_d				
	t], [questionnaire_dt],				
	"d", "mdy", true) = '0' o				
	r datediff ([enrollment				
	_5_arm_1][questionna				
	ire_dt], [questionnaire				
	_dt], "d", "mdy", true) =				
1	'0' or datediff ([enroll				
	ment_6_arm_1][questi				
	onnaire_dt], [question				
	naire_dt], "d", "mdy", t				
	rue) = '0'				

81	nightsnore	Section Header: Sleep (BASELINE ONLY)	radio, Required
	Show the field ONLY i	How often during the night do you snore in any	0 Never
	f:	way?	1 Rare
	datediff ([enrollment_		2 Sometimes
	1_arm_1][questionnair		
	e_dt], [questionnaire_		3 Often
	dt], "d", "mdy", true) = '0' or datediff ([enroll		4 Almost Always
	ment_2_arm_1][questi		
	onnaire_dt], [question		Question number: 8
	naire_dt], "d", "mdy", t		Question number: 0
	rue) = '0' or datediff		
	([enrollment_3_arm_1]		
	[questionnaire_dt], [q		
	uestionnaire_dt], "d",		
	"mdy", true) = '0' or da		
	tediff ([enrollment_4_a		
	rm_1][questionnaire_d		
	t], [questionnaire_dt],		
	"d", "mdy", true) = '0' o		
	r datediff ([enrollment		
	_5_arm_1][questionna ire_dt], [questionnaire		
	_dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_6_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0'		

82	sleepynap	How often during the day or evening you get so	rad	io, Required	
	Show the field ONLY i	sleepy you have to take a nap?	0	Never	
	f:		1	Rare	
	datediff ([enrollment_				
	1_arm_1][questionnair		2	Sometimes	
	e_dt], [questionnaire_		3	Often	
	dt], "d", "mdy", true) =		4	Almost Always	
	'0' or datediff ([enroll		L	Alliost Always	
	ment_2_arm_1][question onnaire_dt], [question		<u> </u>	estion number: 9	1
	naire_dt], "d", "mdy", t		Qu	estion number. 9	
	rue) = '0' or datediff				
	([enrollment_3_arm_1]				
	[questionnaire_dt], [q				
	uestionnaire_dt], "d",				
	"mdy", true) = '0' or da				
	tediff ([enrollment_4_a				
	rm_1][questionnaire_d				
	t], [questionnaire_dt],				
	"d", "mdy", true) = '0' o				
	r datediff ([enrollment _5_arm_1][questionna				
	ire_dt], [questionnaire				
	_dt], "d", "mdy", true) =				
	'0' or datediff ([enroll				
	ment_6_arm_1][questi				
	onnaire_dt], [question				
	naire_dt], "d", "mdy", t				
	rue) = '0'				

Show the field ONLY i f: datediff ([enrollment_

datediff ([enrollment_ 1_arm_1][questionnair e_dt], [questionnaire_ dt], "d", "mdy", true) = '0' or datediff ([enroll ment_2_arm_1][questi onnaire_dt], [question naire_dt], "d", "mdy", t rue) = '0' or datediff ([enrollment_3_arm_1] [questionnaire_dt], [q uestionnaire_dt], "d", "mdy", true) = '0' or da tediff ([enrollment 4 a rm_1][questionnaire_d t], [questionnaire_dt], "d", "mdy", true) = '0' o r datediff ([enrollment _5_arm_1][questionna ire_dt], [questionnaire _dt], "d", "mdy", true) = '0' or datediff ([enroll ment_6_arm_1][questi onnaire_dt], [question naire_dt], "d", "mdy", t

rue) = '0'

Do you have unpleasant feeling in your legs - for example, creepy-crawling or tingly feelings when you lie down at night that make you feel restless and keep you from getting a good sleep?

radio, Required

0	Never
1	Rare
2	Sometimes
3	Often
4	Almost Always

Question number: 10

84	hourssleep	How many hours of sleep do you usually get	text (number, Min: 1, Max: 12), Required
	Show the field ONLY i	each night (or when you usually sleep)?	Question number: 11
	f:		
	datediff ([enrollment_		
	1_arm_1][questionnair		
	e_dt], [questionnaire_		
	dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_2_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0' or datediff		
	([enrollment_3_arm_1]		
	[questionnaire_dt], [q		
	uestionnaire_dt], "d",		
	"mdy", true) = '0' or da		
	tediff ([enrollment_4_a		
	rm_1][questionnaire_d		
	t], [questionnaire_dt],		
	"d", "mdy", true) = '0' o		
	r datediff ([enrollment		
	_5_arm_1][questionna		
	ire_dt], [questionnaire		
	_dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_6_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0'		

85	sleepy1	Section Header: Sleepiness Scale (BASELINE ONLY)	radio (Matrix), Required
	Show the field ONLY i	Sitting and reading	0 No Chance
	f:	5	
	datediff ([enrollment_		1 Slight Chance
	1_arm_1][questionnair		2 Moderate Chance
	e_dt], [questionnaire_		3 High Chance
	dt], "d", "mdy", true) =		3 Trigit Charice
	'0' or datediff ([enroll		Question number: 11a
	ment_2_arm_1][questi		Question number. Tra
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0' or datediff		
	([enrollment_3_arm_1]		
	[questionnaire_dt], [q		
	uestionnaire_dt], "d",		
	"mdy", true) = '0' or da tediff ([enrollment_4_a		
	rm_1][questionnaire_d		
	t], [questionnaire_dt],		
	"d", "mdy", true) = '0' o		
	r datediff ([enrollment		
	_5_arm_1][questionna		
	ire_dt], [questionnaire		
	_dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_6_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0'		

86	sleepy2	Watching TV	rac	lio (Matrix), Required
	Show the field ONLY i		0	No Chance
	f:		1	Slight Chance
	datediff ([enrollment_		2	Moderate Chance
	1_arm_1][questionnair			
	e_dt], [questionnaire_		3	High Chance
	dt], "d", "mdy", true) =			
	'0' or datediff ([enroll		Qu	estion number: 11b
	ment_2_arm_1][questi		`	
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0' or datediff ([enrollment_3_arm_1]			
	[questionnaire_dt], [q			
	uestionnaire_dt], "d",			
	"mdy", true) = '0' or da			
	tediff ([enrollment_4_a			
	rm_1][questionnaire_d			
	t], [questionnaire_dt],			
	"d", "mdy", true) = '0' o			
	r datediff ([enrollment			
	_5_arm_1][questionna			
	ire_dt], [questionnaire			
	_dt], "d", "mdy", true) =			
	'0' or datediff ([enroll			
	ment_6_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0'			

87	sleepy3	Sitting inactive in a public place (e.g a theater or	rad	lio (Matrix), Required
	Show the field ONLY i	a meeting)	0	No Chance
	f:		1	Slight Chance
	datediff ([enrollment_		2	Moderate Chance
	1_arm_1][questionnair			
	e_dt], [questionnaire_		3	High Chance
	dt], "d", "mdy", true) =			<u> </u>
	'0' or datediff ([enroll		Qu	estion number: 11c
	ment_2_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0' or datediff ([enrollment_3_arm_1]			
	[questionnaire_dt], [q			
	uestionnaire_dt], "d",			
	"mdy", true) = '0' or da			
	tediff ([enrollment_4_a			
	rm_1][questionnaire_d			
	t], [questionnaire_dt],			
	"d", "mdy", true) = '0' o			
	r datediff ([enrollment			
	_5_arm_1][questionna			
	ire_dt], [questionnaire			
	_dt], "d", "mdy", true) =			
	'0' or datediff ([enroll			
	ment_6_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0'			

88	sleepy4	As a passenger in a car for an hour without a	rad	lio (Matrix), Required
	Show the field ONLY i	break	0	No Chance
	f:		1	Slight Chance
	datediff ([enrollment_		2	Moderate Chance
	1_arm_1][questionnair			
	e_dt], [questionnaire_ dt], "d", "mdy", true) =		3	High Chance
	'0' or datediff ([enroll			
	ment_2_arm_1][questi		Qu	estion number: 11d
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0' or datediff			
	([enrollment_3_arm_1]			
	[questionnaire_dt], [q			
	uestionnaire_dt], "d",			
	"mdy", true) = '0' or da			
	tediff ([enrollment_4_a rm_1][questionnaire_d			
	t], [questionnaire_dt],			
	"d", "mdy", true) = '0' o			
	r datediff ([enrollment			
	_5_arm_1][questionna			
	ire_dt], [questionnaire			
	_dt], "d", "mdy", true) =			
	'0' or datediff ([enroll			
	ment_6_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0'			

89	sleepy5	Lying down to rest in the afternoon when	radio (Matrix), Required
	Show the field ONLY i	circumstances permit	0 No Chance
	f:		1 Slight Chance
	datediff ([enrollment_		2 Moderate Chance
	1_arm_1][questionnair		
	e_dt], [questionnaire_		3 High Chance
	dt], "d", "mdy", true) =		
	'0' or datediff ([enroll ment_2_arm_1][questi		Question number: 11e
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0' or datediff		
	([enrollment_3_arm_1]		
	[questionnaire_dt], [q		
	uestionnaire_dt], "d",		
	"mdy", true) = '0' or da		
	tediff ([enrollment_4_a		
	rm_1][questionnaire_d		
	t], [questionnaire_dt],		
	"d", "mdy", true) = '0' o		
	r datediff ([enrollment		
	_5_arm_1][questionna ire_dt], [questionnaire		
	_dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_6_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0'		

90	sleepy6	Sitting and talking to someone	rad	io (Matrix), Required
	Show the field ONLY i		0	No Chance
	f:		1	Slight Chance
	datediff ([enrollment_		2	Moderate Chance
	1_arm_1][questionnair		l	
	e_dt], [questionnaire_ dt], "d", "mdy", true) =		3	High Chance
	'0' or datediff ([enroll			
	ment_2_arm_1][questi		Qu	estion number: 11f
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0' or datediff			
	([enrollment_3_arm_1]			
	[questionnaire_dt], [q			
	uestionnaire_dt], "d", "mdy", true) = '0' or da			
	tediff ([enrollment_4_a			
	rm_1][questionnaire_d			
	t], [questionnaire_dt],			
	"d", "mdy", true) = '0' o			
	r datediff ([enrollment			
	_5_arm_1][questionna			
	ire_dt], [questionnaire			
	_dt], "d", "mdy", true) = '0' or datediff ([enroll			
	ment_6_arm_1][questi			
	onnaire_dt], [question			
	naire_dt], "d", "mdy", t			
	rue) = '0'			

91	sleepy7	Sitting quietly after a lunch without alcohol	radio (Matrix), Required
	Show the field ONLY i		0 No Chance
	f:		1 Slight Chance
	datediff ([enrollment_		2 Moderate Chance
	1_arm_1][questionnair		
	e_dt], [questionnaire_		3 High Chance
	dt], "d", "mdy", true) =		
	'0' or datediff ([enroll ment_2_arm_1][questi		Question number: 11g
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0' or datediff		
	([enrollment_3_arm_1]		
	[questionnaire_dt], [q		
	uestionnaire_dt], "d",		
	"mdy", true) = '0' or da		
	tediff ([enrollment_4_a		
	rm_1][questionnaire_d		
	t], [questionnaire_dt],		
	"d", "mdy", true) = '0' o		
	r datediff ([enrollment		
	_5_arm_1][questionna ire_dt], [questionnaire		
	dt], "d", "mdy", true) =		
	'0' or datediff ([enroll		
	ment_6_arm_1][questi		
	onnaire_dt], [question		
	naire_dt], "d", "mdy", t		
	rue) = '0'		

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92	sleepy8 Show the field ONLY i f: datediff ([enrollment_ 1_arm_1][questionnaire e_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enroll ment_2_arm_1][questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_3_arm_1] [questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_4_arm_1][questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_5_arm_1][questionnaire_dt], "questionnaire_dt], [questionnaire_dt], [questionnaire_dt], [questionnaire_dt], [questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0' or datediff ([enrollment_6_arm_1][questionnaire_dt], [questionnaire_dt], "d", "mdy", true) = '0'	In a car, while stopped for a few minutes in traffic	radio (Matrix), Required 0 No Chance 1 Slight Chance 2 Moderate Chance 3 High Chance Question number: 11h		
93	saqtime	Section Header: Seattle Angina Questionnaire - Angina Frequency Over the past 4 weeks, on average, how many times have you had chest pain, chest tightness or angina?	radio, Required 1 4 or more times per day 2 1-3 times per day 3 3 or more times per week but not every day 4 1-2 times per week 5 Less than once a week 6 None over the past 4 weeks Question number: 12		

94	saqnitro	Over the past 4 weeks, on average, how many times have you had to take nitroglycerin (tablets or spray) for your chest pain, tightness or angina?	radio, Required 1 4 or more times per day 2 1-3 times per day 3 3 or more times per week but not every day 4 1-2 times per week 5 Less than once a week 6 None over the past 4 weeks Question number: 13
95	qdasi1	Section Header: <i>Duke Activity Status Index (DASI) - Can you</i> Take care of yourself that is, eat, dress, bathe, or use the toilet?	radio (Matrix), Required 1 Yes 0 No Question number: 14a
96	qdasi2	Walk indoors, such as around your house?	radio (Matrix), Required 1 Yes 0 No Question number: 14b
97	qdasi3	Walk a block or two on level ground?	radio (Matrix), Required 1 Yes 0 No Question number: 14c
98	qdasi4	Climb a flight of stairs or walk up a hill?	radio (Matrix), Required 1 Yes 0 No Question number: 14d
99	qdasi5	Run a short distance?	radio (Matrix), Required 1 Yes 0 No Question number: 14e
100	qdasi6	Do light work around the house like dusting or washing dishes?	radio (Matrix), Required 1 Yes 0 No Question number: 14f

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101	qdasi7	Do moderate work around the house like vacuuming sweeping floors or carrying groceries?	radio (Matrix), Required 1 Yes 0 No Question number: 14g		
102	qdasi8	Do heavy work around the house like scrubbing floors or lifting or moving heavy furniture?	radio (Matrix), Required 1 Yes 0 No Question number: 14h		
103	qdasi9	Do yard work like raking leaves, weeding, or pushing a power mower?	radio (Matrix), Required 1 Yes 0 No Question number: 14i		
104	qdasi10	Have sexual relations?	radio (Matrix), Required 1 Yes 0 No Question number: 14j		
105	qdasi11	Participate in moderate recreational activities like golf, bowling, dancing, doubles tennis, or throwing a baseball or football	radio (Matrix), Required 1 Yes 0 No Question number: 14k		
106	qdasi12	Participate in strenuous sports like swimming, singles tennis, football, basketball or skiing?	radio (Matrix), Required 1 Yes 0 No Question number: 14l		
107	physical_activities_hou rs	One Year Ago, how many hours in a typical week did you regularly engage in vigorous physical activity (for example, running/jogging, rapid walking, aerobics, tennis, basketball, weight lifting etc.) Hours.	text (number, Min: 0, Max: 50), Required		

108	sanyha	Section Header: NYHA Self-Assessment	rac	lio, Required
	j	Please select an option containing the description which best summarizes your ability to do physical activity before coming into	1	I can perform all physical activity without getting short of breath or tired, or having palpitations.
		hospital: (Follow-up:At time of call)	2	I get short of breath or tired, or have palpitations when performing more strenuous activities. For example, walking on steep inclines or walking up several flights of steps.
			3	I get short of breath or tired, or have palpitations when performing day to day activities. For example, walking on a flat surface.
			4	I feel breathless at rest, and am mostly housebound. I am unable to carry out any physical activity without getting short of breath or tired, or having palpitations.
			Qu	estion number: 15
109	smoking	Section Header: Smoking	rad	io, Required
		Do you smoke cigarettes?	1	Current Smoker
			2	Past Smoker
			0	Never Smoker
			Qu	estion number: 16
110	behq8	Do you currently smoke cigars or pipes?	rad	lio, Required
			1	Yes
			0	No
			Ou	estion number: 17
111	agesmok	At what age did you start smoking?		t, Required
	Show the field ONLY i	5		estion number: 18
	f:			
112	[smoking]="1"	On average how many packs of signrettes de	rad	io Doquirod
112	behq2	On average, how many packs of cigarettes do you smoke per day?	1	lio, Required Less than 1 pack per day
	Show the field ONLY i f:		2	Half a pack per day
	[smoking]="1"		3	1 pack per day
			4	2 packs per day
			5	
				' '
			Qu	estion number: 19

			T
113	behq6 Show the field ONLY i f: [smoking]="2"	How many years has it been since you stopped smoking cigarettes?	text, Required Question number: 20
114	behq9	Section Header: <i>Alcohol</i> Do you currently consume alcohol?	radio, Required 1 Yes 0 No Question number: 21
115	behq14	Was there a time in the past that you drank significantly more alcohol than you drink now?	radio, Required 1 Yes 0 No Question number: 22
116	behq10 Show the field ONLY i f: [behq9]="1"	During an average week, how many drinks of alcohol (beer, wine, liquor or others) do you consume?	radio, Required 1 Less than 8 drinks per week 2 8 to 14 drinks per week 3 More than 14 drinks per week Question number: 23
117	behq13 Show the field ONLY i f: [behq9]="1"	Considering all types of alcoholic beverages, how many times during an average 30-day period do you drink 5 or more drinks on a single occasion?	text, Required Question number: 24
118	healthinsure	Section Header: Access to Health Care Do you have any health insurance coverage that helps pay for your prescription medications?	yesno, Required 1 Yes 0 No Question number: 26
119	diffmedcare	Overall, how difficult is it for you to get medical care when needed?	radio, Required 1 Extremely difficult 2 Moderately difficult 3 Somewhat difficult 4 Not very difficult 5 No problem at all Question number: 27

120	diffreason	If you feel it is difficult getting medical care (even	radio, Required
		a little), what would you say the major reason is for your difficulty?	1 Cost, paying for care
		Tor your difficulty:	2 Finding a doctor
			3 Lack of insurance
			4 Travel time
			5 Other
			Question number: 28
121	overallcomment	Comments	notes Question number: 29 Field Annotation: @HIDDEN-SURVEY
122	questionnaires_compl	Section Header: Form Status	dropdown
	ete	Complete?	0 Incomplete
			1 Unverified
			2 Complete
Ins	trument: Medical His	story (medical_history)	
123	mihist	Section Header: HAVE YOU EVER BEEN DIAGNOSED BY A DOCTOR WITH ANY OF THE FOLLOWING?	radio, Required
		Heart Attack (Myocardial Infarction)	1 Yes
			0 No
124	miage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [mihist]="1"		
125	commentmi	Comments	text
	Show the field ONLY i		
	f: [mihist]="1"		
126	cphist	Cardiac Chest Pain (Angina)	radio, Required
120	Сризс	caraide cheser ann (Angina)	1 Yes
			0 No
127	cpage	Age at diagnosis	text, Required
	Show the field ONLY i		'
	f:		
	[cphist]="1"		
128	commentcp	Comments	text
	Show the field ONLY i f:		
	[cphist]="1"		
129	cadhist	Blocked or Narrowing of Arteries in the Heart	radio, Required
		(Coronary Artery Disease)	1 Yes
			0 No

130	cadage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [cadhist]="1"		
131	commentcad	Comments	text
	Show the field ONLY i		
	f: [cadhist]="1"		
132	hfhist	Heart Failure	radio, Required
			1 Yes
			0 No
133	hfage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[hfhist]="1"		
134	commenthf	Comments	text
	Show the field ONLY i		
	f: [hfhist]="1"		
135	strhist	Stroke or Transient Ischemic Attack	radio, Required
			1 Yes
			0 No
136	strage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[strhist]="1"		
137	commentstr	Comments	text
	Show the field ONLY i		
	f: [strhist]="1"		
138	icshist	Blockage or Narrowing of the Arteries in the	radio, Required
		Neck (Carotid Stenosis)	1 Yes
			0 No
139	icsage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	r: [icshist]="1"		
140	commentics	Comments	text
	Show the field ONLY i		
	f: [icshist]="1"		

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141	vtehist	Blood Clot in Legs, Arms, Lungs (Thrombosis)	radio, Required 1 Yes 0 No
142	vteage	Age at diagnosis	text, Required
	Show the field ONLY i f: [vtehist]="1"		
143	commentvte	Comments	text
	Show the field ONLY i f:		
	[vtehist]="1"		
144	padhist	Blockage or Narrowing of the Arteries in your Legs (Peripheral Arterial Disease)	radio, Required 1 Yes 0 No
145	padage	Age at diagnosis	text, Required
	Show the field ONLY i f: [padhist]="1"		
146	commentpad Show the field ONLY i f: [padhist]="1"	Comments	text
147	arrhist	Abnormal or Irregular Heart Beat (Arrhythmia)	radio, Required 1 Yes 0 No
148	arrage	Age at diagnosis	text, Required
	Show the field ONLY i f: [arrhist]="1"		
149	commentarr	Comments	text
	Show the field ONLY i f: [arrhist]="1"		
150	valhist	Problems with your Heart Valves	radio, Required 1 Yes 0 No
151	valage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[valhist]="1"		

152	commentval	Comments	text
	Show the field ONLY i		
	f: [valhist]="1"		
153	aahist	Aortic Aneurysm	radio, Required
			1 Yes
			0 No
154	aaage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [aahist]="1"		
155	commentaa	Comments	text
	Show the field ONLY i		
	f: [aahist]="1"		
156	htnhist	High Blood Pressure (Hypertension)	radio, Required
			1 Yes
			0 No
157	htnage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [htnhist]="1"		
158	commenthtn	Comments	text
	Show the field ONLY i		
	f: [htnhist]="1"		
159	hldhist	High Cholesterol (Hyperlipidemia)	radio, Required
			1 Yes
			0 No
160	hldage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[hldhist]="1"		
161	commenthld	Comments	text
	Show the field ONLY i		
	f: [htnhist]="1"		
162	dmhist	Diabetes Mellitus	radio, Required
			1 Yes
			0 No

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163	dmage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [dmhist]="1"		
164	commentdm	Comments	text
	Show the field ONLY i		
	f: [dmhist]="1"		
165	ashist	Asthma	radio, Required
			1 Yes
			0 No
166	asage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[ashist]="1"		
167	commentas	Comments	text
	Show the field ONLY i f:		
	[ashist]="1"		
168	copdhist	Lung Disease (Chronic Obstructive Pulmonary	radio, Required
		Disease/COPD or Emphysema)	1 Yes
			0 No
169	copdage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[copdhist]="1"		
170	commentcopd	Comments	text
	Show the field ONLY i f:		
	[copdhist]="1"		
171	dephist	Depression	radio, Required
			1 Yes
			0 No
172	depage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[dephist]="1"		
173	commentdep	Comments	text
	Show the field ONLY i f:		
	[dephist]="1"		

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174	apnhist	Sleep Apnea	radio, Required 1 Yes 0 No
175	apnage Show the field ONLY i f: [apnhist]="1"	Age at diagnosis	text, Required
176	commentapn Show the field ONLY i f: [apnhist]="1"	Comments	text
177	canhist	Cancer	radio, Required 1 Yes 0 No
178	canage Show the field ONLY i f: [canhist]="1"	Age at diagnosis	text, Required
179	canstatus Show the field ONLY i f: [canhist]="1"	Current Status	radio, Required 1 Currently Undergoing Treatment 2 In Remission 3 Untreated
180	commentcan Show the field ONLY i f: [canhist]="1"	Comments (Note Cancer Type)	text
181	rahist	Rheumatoid Arthritis	radio, Required 1 Yes 0 No
182	raage Show the field ONLY i f: [rahist]="1"	Age at diagnosis	text, Required
183	commentra Show the field ONLY i f: [rahist]="1"	Comments	text
184	slehist	Systemic Lupus Erythematosus	radio, Required 1 Yes 0 No

185	sleage	Age at diagnosis	text, Required
	Show the field ONLY i f:		
	[slehist]="1"		
186	commentsle	Comments	text
	Show the field ONLY i		
	f: [slehist]="1"		
187	ibdhist	Inflammatory Bowel Disease (Crohn's or	radio, Required
		Ulcerative Colitis)	1 Yes
			0 No
188	ibdage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [ibdhist]="1"		
189	commentibd	Comments	text
	Show the field ONLY i		
	f: [ibdhist]="1"		
190	thyhist	Thyroid Disease	radio, Required
	-		1 Yes
			0 No
191	thyage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [thyhist]="1"		
192	commentthy	Comments	text
	Show the field ONLY i		
	f: [thyhist]="1"		
193	pudhist	Stomach Ulcers (Peptic Ulcer Disease)	radio, Required
			1 Yes
			0 No
194	pudage	Age at diagnosis	text, Required
	Show the field ONLY i		
	f: [pudhist]="1"		
195	commentpud	Comments	text
	Show the field ONLY i		
	f: [pudhist]="1"		
196	otherdis	Other Diseases (Please List)	notes
196	-	Other Diseases (Please List)	notes

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197	cabg	Section Header: <i>INTERVENTIONS</i> Have you ever had Cardiac Bypass Surgery (CABG)?	radio, Required 1 Yes 0 No 9 Don't know
198	cabgnum Show the field ONLY i f: [cabg]="1"	If yes, How many surgeries/procedures?	text
199	byart Show the field ONLY i f: [cabg]="1"	If yes, how many arteries were bypassed	text
200	cabgyr Show the field ONLY i f: [cabg]="1"	Year of Surgery	text
201	histcath	Have you ever had undergone Heart Catheterization?	radio, Required 1 Yes 0 No 9 Don't know
202	histang Show the field ONLY i f: [histcath]="1"	Have you undergone angioplasty/balloon?	radio, Required 1 Yes 0 No 9 Don't know
203	angnum Show the field ONLY i f: [histang]="1"	If yes, How many angioplasty procedures?	text
204	histstent Show the field ONLY i f: [histcath]="1"	Have you had a cardiac stent placed?	radio, Required 1 Yes 0 No 9 Don't know
205	corstent Show the field ONLY i f: [histstent]="1"	How many stents in total? (1-10)	text
206	artstent Show the field ONLY i f: [histstent]="1"	How many arteries (if known) (1-10)	text

		T	T
207	angyr Show the field ONLY i f: [histcath]="1"	Year of most recent Heart Catheterization	text
208	transp	Have you ever had a Heart transplant?	radio, Required 1 Yes 0 No 9 Don't know
209	transpyr Show the field ONLY i f: [transp]="1"	Year of Surgery	text
210	htvalv	Have you ever had Heart Valve surgery?	radio, Required 1 Yes 0 No 9 Don't know
211	valvdesc Show the field ONLY i f: [htvalv]="1"	If yes, which valve(s) was repaired/replaced?	checkbox 1 valvdesc1 Aortic Valve 2 valvdesc2 Mitral Valve 3 valvdesc3 Tricuspid Valve 4 valvdesc4 Pulmonic Valve 9 valvdesc9 Don't know
212	yrvalv Show the field ONLY i f: [htvalv]="1"	Year of most recent surgery	text
213	permpace	Have you ever had a Permanent Pacemaker placed?	radio, Required 1 Yes 0 No 9 Don't know
214	paceyr Show the field ONLY i f: [permpace]="1"	Year of Procedure	text
215	icd	Have you ever had an Implantable Cardiac Defibrillator (ICD) placed?	radio, Required 1 Yes 0 No 9 Don't know

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216	yricd Show the field ONLY i f: [icd]="1"	Year of Procedure	text		
217	intcomments	Comments	note	S	
218	medical_history_comp lete	Section Header: Form Status Complete?	0	odown Incomplete Unverified Complete	
Ins	trument: Family Hist	ory (family_history)			
219		Section Header: Family History	chec	kbox, Required	
		Father	8	fatherhx8	High Cholesterol
			1	fatherhx1	Heart attack at age< 60
			2	fatherhx2	Heart failure at age< 60
			10	fatherhx10	Other heart disease at age < 60
			3	fatherhx3	Sudden or unexplained death at age< 60
			4	fatherhx4	Stroke
			5	fatherhx5	High blood pressure
			6	fatherhx6	Kidney Disease
			7	fatherhx7	Diabetes
			9	fatherhx9	Unknown

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220	motherhx	Mother	ched	kbox, Require	d
			8	motherhx8	B High Cholesterol
			1	motherhx	Heart attack at age< 60
			2	motherhx2	Heart failure at age< 60
			10	motherhx	Other heart disease at age < 60
			3	motherhx:	Sudden or unexplained death at age< 60
			4	motherhx	1 Stroke
			5	motherhx	High blood pressure
			6	motherhx	Kidney Disease
			7	motherhx	7 Diabetes
			9	motherhx	Unknown
221	sib1hx	Sibling 1	chec	:kbox	
			8	sib1hx8	High Cholesterol
			1	sib1hx1	Heart attack at age<
			2	sib1hx2	Heart failure at age<
			10	sib1hx10	Other heart disease at age < 60
			3	sib1hx3	Sudden or unexplained death at age< 60
			4	sib1hx4	Stroke
			5	sib1hx5	High blood pressure
			6	sib1hx6	Kidney Disease
			7	sib1hx7	Diabetes
			9	sib1hx9	Unknown
-					

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222	sib2hx	Sibling 2	checkbox			
			8	sib2hx8	High Cholesterol	
		1	sib2hx1	Heart attack at age< 60		
		2	sib2hx2	Heart failure at age< 60		
			10	sib2hx10	Other heart disease at age < 60	
			3	sib2hx3	Sudden or unexplained death at age< 60	
			4	sib2hx4	Stroke	
			5	sib2hx5	High blood pressure	
			6	sib2hx6	Kidney Disease	
			7	sib2hx7	Diabetes	
			9	sib2hx9	Unknown	
223	sib3hx	Sibling 3 chec 8 1 2 10	checkbox			
			8	sib3hx8	High Cholesterol	
			1	sib3hx1	Heart attack at age< 60	
			2	sib3hx2	Heart failure at age<	
			sib3hx10	Other heart disease at age < 60		
			3	sib3hx3	Sudden or unexplained death at age< 60	
			4	sib3hx4	Stroke	
			5	sib3hx5	High blood pressure	
			6	sib3hx6	Kidney Disease	
			7	sib3hx7	Diabetes	
	İ		9	sib3hx9	Unknown	

224	sib4hx	Sibling 4	char	kbox	
224	SIDHIIA	Jibili g 4	8	sib4hx8	High Cholesterol
			1	sib4hx1	Heart attack at age< 60
			2	sib4hx2	Heart failure at age<
			10	sib4hx10	Other heart disease at age < 60
			3	sib4hx3	Sudden or unexplained death at age< 60
			4	sib4hx4	Stroke
			5	sib4hx5	High blood pressure
			6	sib4hx6	Kidney Disease
			7	sib4hx7	Diabetes
			9	sib4hx9	Unknown
225	sib5hx	Sibling 5	ched	kbox	1
		-	8	sib5hx8	High Cholesterol
			1	sib5hx1	Heart attack at age<
			2	sib5hx2	Heart failure at age<
			10	sib5hx10	Other heart disease at age < 60
			3	sib5hx3	Sudden or unexplained death at age< 60
			4	sib5hx4	Stroke
			5	sib5hx5	High blood pressure
			6	sib5hx6	Kidney Disease
			7	sib5hx7	Diabetes
			9	sib5hx9	Unknown
226	famhxcad	Family History of Premature CAD Derived from above table	[fath	therhx(2)],[mo	([fatherhx(1)], erhx(4)],[motherhx(1)], therhx(4)])>0,1,0) @HIDDEN-SURVEY
227	family_history_comple te	Section Header: Form Status Complete?	0	Incomplete Unverified Complete	

228 periods2yr	Section Header: Female Patient Questionnaire Please answer the following questions, to the best of your ability, regarding your gynecological history. If exact dates are unknown, give the best approximation.	radio 1 Yes 0 No
	Have you had any menstrual periods during the past 2 years?	
229 lastperiodyr	What year was your last menustrual period?	text (integer)
typcycle	What was your typical menustrual cycle when you were between the ages of 18 to 22 years (excluding time around pregnancies or when using oral contraceptives)?	radio 1 Very regular started within 3 days of expected date
	asing oral contraceptives).	2 Usually irregular
		3 Always irregular
		4 No periods
		5 Don't Know
diffpreg	Do you now or have you in the past ever had difficulty getting pregnant?	radio 1 Yes 0 No
nopreg	How many times have you been pregnant?	dropdown 0

233	livebirth	How many live births have you had?	dropdown
			0 0
			1 1
			2 2
			3 3
			4 4
			5 5
			6 6
			7 7
			8 8 9 9
			10 10
			11 11
			12 12
			13 13
			14 14
			15 15
234	pcos	Have you ever been diagnosed with Polycystic	radio
		Ovary Syndrome (PCOS)?	1 Yes
			0 No
235	multicyst	If yes, did you ever have an ultrasound that confirmed multiple cysts on your ovaries?	radio
		committee mattiple cysts on your ovaries.	1 Yes
			0 No
236	menopause	Have you reached menopause?	radio 1 Yes
			0 No
227		If you at the total and the second	<u> </u>
23/	agepostmen	If yes, at what age do you think you became post-menopausal?	text (number, Min: 29, Max: 65)
238	mennat	Was your menopause natural or the result of	radio
		surgery or radiation?	1 Natural
			2 Radiation
			3 Unknown
			4 Surgical
239	hysterectomy	Have you had a hysterectomy?	radio 1 Yes
			1 Yes 0 No
2.40	husasa	If you when?	
240	hysage	If yes, when?	text

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241	removaries	Did you have your ovaries removed at the time of the hysterectomy?	radio 1 Yes 0 No
242	noovaries	If yes, was it:	radio 1 One ovary 2 Both ovaries 3 Dont know
243	fibroids	Do you have fibroids?	radio 1 Yes 0 No
244	femharmone	Have you ever taken any of the following female hormone preparations?	radio 1 Yes 0 No 9 Don't know
245	bcppast	Section Header: Have you ever used any of the following? Birth control pills	radio (Matrix) 1 Yes 0 No 9 Don't know
246	estpast	Post-menopausal hormones	radio (Matrix) 1 Yes 0 No 9 Don't know
247	pillspast	Pills	radio (Matrix) 1 Yes 0 No 9 Don't know
248	shotspast	Shots	radio (Matrix) 1 Yes 0 No 9 Don't know
249	imppast	Implants	radio (Matrix) 1 Yes 0 No 9 Don't know

250	transpast	Transdermal	radio (Matrix)
			1 Yes
			0 No
			9 Don't know
251	bcppresent	Are you currently using Birth control pills?	radio
			1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
252	estpresent	Are you currently using Post-menopausal hormones?	radio
		mormones:	1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
253	estpresenttype	If yes, which type:	text
254	pillspresent	Are you currently using Pills?	radio
			1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
255	shotspresent	Are you currently using Birth Control Shot?	radio
			1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
256	imppresent	Are you currently using Implants?	radio
			1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
257	transpresent	Are you currently using Transdermal?	radio
			1 Yes
			0 No
			9 Don't know
			Custom alignment: RH
<u> </u>	<u>l</u>	<u> </u>	

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258	prog	Did you also have to take a progesterone supplement in addition to estrogen?	radio 1 Yes 0 No 9 Don't know Custom alignment: RH		
259	comment11	Comments	notes		
	menstrual_history_co mplete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete		
Ins	trument: Chart Revie	(chart_review)			
261	prevmi	Section Header: <i>Myocardial Infarction</i> History of Previous Myocardial Infarction	yesno, Required 1 Yes 0 No Custom alignment: RH		
262	mitimes Show the field ONLY i f: [prevmi]="1"	Number of Myocardial Infarctions	text		
263	datemi Show the field ONLY i f: [prevmi]="1"	Year at First Diagnosis (yyyy)	text		
264	mienz Show the field ONLY i f: [prevmi]="1"	Section Header: <i>Diagnostic Evidence</i> Elevation in Cardiac Enzymes	radio (Matrix) 1 Yes 0 No		
265	ecgst Show the field ONLY i f: [prevmi]="1"	ECG ST changes	radio (Matrix) 1 Yes 0 No		
266	ecgq Show the field ONLY i f: [prevmi]="1"	ECG Q waves	radio (Matrix) 1 Yes 0 No		
267	lv Show the field ONLY i f: [prevmi]="1"	Wall motion abnormalities on Echo	radio (Matrix) 1 Yes 0 No		

		Emory Cardiovascular Biobank NEBC	- F
268	Show the field ONLY i	Section Header: Affected Region Anterior	radio (Matrix) 1 Yes 0 No
269	[prevmi]="1" alat Show the field ONLY i f: [prevmi]="1"	Antero-Lateral	radio (Matrix) 1 Yes 0 No
270	lat Show the field ONLY i f: [prevmi]="1"	Lateral	radio (Matrix) 1 Yes 0 No
271	inf Show the field ONLY i f: [prevmi]="1"	Inferior	radio (Matrix) 1 Yes 0 No
272	ilat Show the field ONLY i f: [prevmi]="1"	Infero-Lateral	radio (Matrix) 1 Yes 0 No
273	post Show the field ONLY i f: [prevmi]="1"	Posterior	radio (Matrix) 1 Yes 0 No
274	septal Show the field ONLY i f: [prevmi]="1"	Septal	radio (Matrix) 1 Yes 0 No
275	othermi Show the field ONLY i f: [prevmi]="1"	Other	notes
276	cad	Section Header: Coronary Artery Disease History of Coronary Artery Disease	yesno 1 Yes 0 No
277	caddiag Show the field ONLY i f: [cad]="1"	Year at First Diagnosis (yyyy)	text
278	cadev Show the field ONLY i f: [cad]="1"	Section Header: <i>Diagnostic Evidence</i> Angiogram	radio (Matrix) 1 Yes 0 No

279	cadstr Show the field ONLY i f: [cad]="1"	Stress Test	radio (Matrix) 1 Yes 0 No
280	cadct Show the field ONLY i f: [cad]="1"	Cardiac CT/Calcium Score	radio (Matrix) 1 Yes 0 No
281	cadcal Show the field ONLY i f: [cadct]="1"	Calcium Score	text
282	cadoth Show the field ONLY i f: [cad]="1"	Other imaging	notes
283	rerx Show the field ONLY i f: [cad]="1"	Section Header: <i>Therapy</i> Revascularization	checkbox 1 rerx1 Percutaneous Coronary Intervention (Angioplasty/Stent) 2 rerx2 Coronary Bypass Graft
284	cabgyear Show the field ONLY i f: [rerx(2)]="1"	Year of CABG	text
285	cabgvess Show the field ONLY i f: [rerx(2)]="1"	Number of Vessels	text
286	redocabg Show the field ONLY i f: [rerx(2)]="1"	Redo CABG?	radio 1 Yes 0 No
287	redodt Show the field ONLY i f: [redocabg]="1"	Year of Redo-CABG	text
288	redovess Show the field ONLY i f: [redocabg]="1"	Number of Vessels	text

289	pcitype Show the field ONLY i f:	PCI Type	checkbox 1 pcitype1 Angioplasty 2 pcitype2 Stenting
	[rerx(1)]="1"		
290	dtpci	Year of PCI	text
	Show the field ONLY i f:		
	[rerx(1)]="1"		
291	nopci	Number of PCIs	text
	Show the field ONLY i f: [rerx(1)]="1"		
292	pcivess Show the field ONLY i f: [rerx(1)]="1"	How many vessels intervened upon?	text
293	totstent Show the field ONLY i f: [pcitype(2)]="1"	Total number of stents	text
294	stenttype Show the field ONLY i f: [pcitype(2)]="1"	Stent type	checkbox 1 stenttype1 Bare-metal Stent 2 stenttype2 Drug-eluting Stent
295	repvd	Section Header: Peripheral Vascular Disease History of Peripheral Vascular Disease	yesno 1 Yes 0 No
296	pvddiag Show the field ONLY i f: [repvd]="1"	Year at First Diagnosis (yyyy)	text
297	pvdterr Show the field ONLY i f: [repvd]="1"	Territory of PVD	checkbox 1 pvdterr1 Carotid 2 pvdterr2 Iliac 3 pvdterr3 Femoral 4 pvdterr4 Popliteal 5 pvdterr5 Thoracic 6 pvdterr6 Abdominal 7 pvdterr7 Subclavian 8 pvdterr8 Brachial

298	pvdabi	Last ABI	text		
	Show the field ONLY i				
	f: [repvd]="1"				
299	pvdabidate	Date of ABI	text (date_mdy)		
	Show the field ONLY i				
	f: [repvd]="1"				
300	restroke	Section Header: Stroke	yesno		
		History of Stroke	1 Yes		
			0 No		
301	strdiag	Year at First Diagnosis (yyyy)	text		
	Show the field ONLY i f:				
	[restroke]="1"				
302	nostr	Number of Strokes	text		
	Show the field ONLY i f:				
	[restroke]="1"				
303	strterr	Stroke Territories	checkbox		
	Show the field ONLY i		1 strterr1 Lacunar		
	r: [restroke]="1"		2 strterr2 Posterior-inferior cereballar artery (PICA)		
			3 strterr3 Superior Cerebellar Artery (SCA)		
			4 strterr4 Basilar Artery		
			5 strterr5 Anterior Cerebral Artery (ACA)		
			6 strterr6 Middle Cerebral Artery		
			7 strterr7 Posterior Cerebral Artery		
			8 strterr8 Unknown		
			9 strterr9 Other		
304	strterrother	Other Territory	notes		
	Show the field ONLY i				
	f: [strterr(9)]="1"				
305	arr	Section Header: Arrhythmia	yesno		
		History of Arrhyhthmia	1 Yes		
			0 No		

Show the field ONLY i f. f. f. f. f. f. f.			
[arr]="1" 307 arrtype Show the field ONLY i f: [arr]="1" Arrythmia checkbox 1 arrtype1 Atrial Fibrillati 2 arrtype_2 Atrial Flutter 3 arrtype_3 Sick Sinus Syn 4 arrtype_4 Supraventricu Tachycardia (S 5 arrtype_5 Ventricular Fit (VF) 7 arrtype_7 AV Block 8 arrtype_8 Bradycardia 9 arrtype_9 Other 308 arroth Show the field ONLY i f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arrt]="1" Arrint_1 Pacemaker Plac 2 arrint_2 Defibrillation Pla 3 arrint_3 Ablation 4 arrint_4 Cardioversion/C 5 arrint_5 None 6 arrint_6 Other 310 arrintother Show the field ONLY i			
Show the field ONLY i f:			
### Show the field ONLY i from the field ONL			
[arr]="1" [arrype3 Sick Sinus Syn 4 arrtype4 Supraventricu Tachycardia (Sinus Syn 5 arrtype5 Ventricular Tachycardia (Note) [arrtype6 Ventricular Fit (VF) 7 arrtype7 AV Block 8 arrtype8 Bradycardia 9 arrtype9 Other notes [arrtype_9]="1" [arrtype(9)]="1" [arrint1 Pacemaker Place 2 arrint1 Pacemaker Place 2 arrint2 Defibrillator Place 3 arrint3 Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i [arrint_1 Cardioversion/E 5 arrint6 Other 1 arrint_1 Cardioversion/E 1 arrint_1 Cardioversion/E 1 arrint_1 Cardioversion/E 1 arrint_1 Cardioversion/E 3 arrint_1 Cardioversion/E 5 arrint_1 Cardioversion/E 6 arrint_1 Cardioversion/E 7 AV Block 8 arrtype_1 Cardioversion/E 8 arrtype_1 Cardioversion/E 9 arrint_1 Cardioversion/E 1	n		
3 arrtype_3 Sick Sinus Syn 4 arrtype_4 Supraventricus Tachycardia (Sinus Syn 5 arrtype_5 Ventricular Tachycardia (Note			
Tachycardia (S 5 arrtype_5 Ventricular Tachycardia (N 6 arrtype_6 Ventricular Tachycardia (N 6 arrtype_6 Ventricular Fit (VF) 7 arrtype_7 AV Block 8 arrtype_8 Bradycardia 9 arrtype_9 Other 308 arroth Other notes 308 arroth Show the field ONLY i f: [arrtype(9)]="1"	drome		
Tachycardia (V 6 arrtype6 Ventricular Fit (VF) 7 arrtype7 AV Block 8 arrtype8 Bradycardia 9 arrtype9 Other			
CVF 7 arrtype7 AV Block 8 arrtype8 Bradycardia 9 arrtype9 Other	Γ)		
8 arrtype8 Bradycardia 9 arrtype9 Other 308 arroth Show the field ONLY i f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Intervention checkbox 1 arrint1 Pacemaker Place 2 arrint_2 Defibrillator Place 3 arrint_3 Ablation 4 arrint_4 Cardioversion/D 5 arrint_5 None 6 arrint_6 Other 310 arrintother Show the field ONLY i	rillation		
308 arroth Show the field ONLY i f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Ablation 4 arrint4 Cardioversion/D 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i Other Intervention Ext			
308 arroth Show the field ONLY i f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Show the field ONLY i f: [arr]="1" Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i			
Show the field ONLY i f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Show the field ONLY i f: [arr]="1" Show the field ONLY i f: [arr]="1" Checkbox 1 arrint1 Pacemaker Place 2 arrint2 Defibrillator Place 3 arrint3 Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i			
f: [arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Show the field ONLY i Show the field ONLY i Show the field ONLY i	iotes		
[arrtype(9)]="1" 309 arrint Show the field ONLY i f: [arr]="1" Show the field ONLY i Show the field ONLY i Intervention checkbox 1			
Show the field ONLY i f: [arr]="1" Show the field ONLY i f: [arr]="1" 1 arrint1 Pacemaker Place 2 arrint2 Defibrillator Place 3 arrint3 Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i			
f: [arr]="1" 2 arrint2 Defibrillator Pla 3 arrint3 Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i			
[arr]="1" 2 drint2 Denominator Fide 3 arrint3 Ablation 4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other Show the field ONLY i			
4 arrint4 Cardioversion/E 5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i	ement		
5 arrint5 None 6 arrint6 Other 310 arrintother Show the field ONLY i			
310 arrintother Other Intervention text Show the field ONLY i	efibrillatio		
310 arrintother Other Intervention text Show the field ONLY i			
Show the field ONLY i			
[arrint(6)]="1"			
311 arrdev Device Details radio			
Show the field ONLY i			
f: 2 Dual Chamber Pacemaker [arrint(1)]="1"			
3 Biventricular Pacemaker (B	<u>')</u>		
4 BiV + ICD			
312 anticoag			
Show the field ONLY i			
f: [arr]="1"			

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313	arrdevy	Year of Device Placement	text
	Show the field ONLY i		
	f: [arrint(1)]="1" or [arrin t(2)]="1"		
314	htfail	Section Header: Heart Failure	yesno
		History of Heart Failure	1 Yes
			0 No
315	hfdiag	Year at First Diagnosis (yyyy)	text
	Show the field ONLY i		
	f: [htfail]="1"		
316	hfadmd	Diagnosed during this admission?	radio
	Show the field ONLY i		1 Yes
	f:		0 No
247	[htfail]="1"		
317	hftype	Heart Failure Type	radio 1 Systolic
	Show the field ONLY i f:		2 Preserved EF
	[htfail]="1"		Z Treserved Li
318	hfcause	Heart Failure Subtype	radio
	Show the field ONLY i		1 Ischemic Cardiomyopathy
	f: [htfail]="1"		2 Non-ischemic, non-valvular Cardiomyopathy
	-		3 Valvular Disease-related
			Cardiomyopathy
			4 Genetic Syndrome
			5 Other
319	hfcauseother	Other Cause	notes
	Show the field ONLY i		
	f: [hfcause]="5"		
320	ef	Latest Ejection Fraction (%)	text (integer)
		Document ejection fraction closest to enrollment date (use lower bound; i.e 45-50=45)	
321	efdate	EF Date	text (date_mdy)
	Show the field ONLY i		
	f: [htfail]="1"		
322	cardtr	Section Header: Cardiac Transplantation	yesno
		History of Cardiac Transplant	1 Yes
			0 No

Show the field ONLY i f: [cardtr]="1" Indication for Transplant (yyyy) text	
f: [cardtr]="1" 324 cardtrind Show the field ONLY i f: [cardtr]="1" 325 cardoth Show the field ONLY i f: [cardtrind_4]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease Valvular Disease Checkbox 1 cardtrind_1 lschemic H 2 cardtrind_2 Non-ischen 3 cardtrind_3 Congenital 4 cardtrind_4 Other notes yesno 1 Yes 0 No 1 Yes 0 No 4 cardtrind_1 lschemic H 2 cardtrind_2 Non-ischen 3 cardtrind_3 Congenital 4 cardtrind_4 Other notes	
[cardtr]="1"	
Show the field ONLY i f: [cardtr]="1" 1	
f: [cardtr]="1" 2 cardtrind_2 Non-ischen 3 cardtrind_3 Congenital 4 cardtrind_4 Other 325 cardoth Show the field ONLY i f: [cardtrind(4)]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
[cardtr]="1" [c	ic HF
3 cardtrind_3 Congenital	
325 cardoth Show the field ONLY i f: [cardtrind(4)]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
Show the field ONLY i f: [cardtrind(4)]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
f: [cardtrind(4)]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
[cardtrind(4)]="1" 326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
326 valvdis Section Header: Valvular Heart Disease History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
History of Valve disease 1 Yes 0 No 327 valvdiagy Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease 1 Yes 0 No text text	
327 valvdiagy Year at First Diagnosis (yyyy) text Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
Show the field ONLY i f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
f: [valvdis]="1" 328 valvetype Valvular Disease checkbox	
[valvdis]="1" 328 valvetype Valvular Disease checkbox	
328 valvetype Valvular Disease checkbox	
Show the field ONLY i 1 valvetype1 Aortic Sten	osis
f: 2 valvetype 2 Aortic Regu	rgitation
[valvdis]="1" 3 valvetype3 Mitral Sten	sis
4 valvetype4 Mitral Regu	rgitation
5 valvetype5 Tricuspid S	
6 valvetype6 Tricuspid	
Regurgitati	
7 valvetype7 Pulmonary	stenosis
8 valvetype8 Pulmonary Regurgitati	ın l
9 valvetype9 Other	/! !
329 valvoth Other disease notes	
Show the field ONLY i	
f: [valvetype(9)]="1"	

220	valveause	Underlying Cause	radio
330	valvcause	Underlying Cause	radio 1 Aortic Sclerosis
	Show the field ONLY i f:		2 Bicuspid Aortic Valve
	[valvdis]="1"		3 Endocarditis
			4 Rheumatic Heart Disease
			5 Functional (Heart Failure) 6 Other
			6 Other
331	valvecauseother	Other cause	notes
	Show the field ONLY i f:		
	[valvcause]="6"		
332	valvrx	Management	checkbox
	Show the field ONLY i		1 valvrx1 Medical Management
	f: [valvdis]="1"		2 valvrx2 Balloon Valvuloplasty
	[vaivuis]— i		3 valvrx3 Surgical Valve Replacement
			4 valvrx4 Transcatheter Valve
			Replacement
			5 valvrx5 Other
333	valvrxoth	Other	notes
	Show the field ONLY i		
	f: [valvrx(5)]="1"		
334	othvalv	Other	text
JJ-	Show the field ONLY i	Other	text
	f:		
	[valvdis]="1"		
335	diab	Section Header: Diabetes Mellitus	yesno
		History of Diabetes Mellitus	1 Yes
			0 No
336	yrdiab	Year at First Diagnosis (yyyy)	text
	Show the field ONLY i		
	f: [diab]="1"		
337	diabrx	Therapy	checkbox
	Show the field ONLY i		1 diabrx1 Subcutaneous Insulin
	f:		2 diabrx2 Oral Hypoglycemics
	[diab]="1"		3 diabrx3 Diet Only
			J diabix J Dict Offity

338	diabcomp	Diabetes-related Complications	checkbox		
	Show the field ONLY i f: [diab]="1"		1	diabcomp1	Nephropathy (Chronic Kidney Disease)
			2	diabcomp2	Retinopathy
			3	diabcomp3	Peripheral Neuropathy
			4	diabcomp4	Gastroparesis
			5	diabcomp5	Other
339	diabother	Other	no	tes	
	Show the field ONLY i f:				
	[diabcomp(5)]="1"				
340	diabcont Show the field ONLY i f: [diab]="1"	Last HgbA1C < =6.5%?	1 0	Yes No	
341	hyp	Section Header: <i>Hypertension</i> History of Hypertension	yes 1 0	Yes No	
342	hypdate Show the field ONLY i f: [hyp]="1"	Year at First Diagnosis (yyyy)	tex	t	
343	hyptreat Show the field ONLY i f: [hyp]="1"	Currently on medications?	rac 1	Yes No	
344	hypcont Show the field ONLY i f: [hyp]="1"	Blood Pressure Control Review three prior BP measurements, if any are above goal, note as uncontrolled	rac 1	Uncontrolled (E Controlled (BP<	
345	dys	Section Header: <i>Hypercholesterolemia</i> History of Hypercholesterolemia	rac 1 0	Yes No	
346	dysdate Show the field ONLY i f: [dys]="1"	Year at First Diagnosis (yyyy)	tex	t	

2.1-	1 , ,	The state of the s			
347	dystreat	Treatment	checkbox		
	Show the field ONLY i f:		1 dystreat1 Statin		
	i: [dys]="1"		2 dystreat2 Bile Acid Sequestrant		
			3 dystreat3 Niacin		
			4 dystreat4 Ezetimibe		
			5 dystreat5 Fenofibrate		
			6 dystreat6 Diet Only		
			7 dystreat7 Other		
348	dystreatother	Other	notes		
	Show the field ONLY i				
	f: [dystreat(1)]="1"				
349	dyscontr	Last LDL < 100?	radio		
3 13	Show the field ONLY i		1 Yes		
	f:		2 No		
	[dys]="1"				
350	ckd	Section Header: Chronic Kidney Disease	radio		
		History of Chronic Kidney Disease	1 Yes		
			0 No		
351	ckddate	Year at First Diagnosis (yyyy)	text		
	Show the field ONLY i				
	f: [ckd]="1"				
352	ckdstage	CKD Stage	radio		
332	Show the field ONLY i		1 Stage 1 (GFR 90+)		
	f:		2 Stage 2 (GFR 60-89)		
	[ckd]="1"		3 Stage 3 (GFR 60-30)		
			4 Stage 4 (GFR 30-15)		
			5 Stage 5 (< 15 or dialysis)		
252	ckddial	Currently on Dialysis?	radio		
223		Currently on Dialysis:	1 Yes		
	Show the field ONLY i f:		0 No		
	[ckdstage]="5" or [ckd stage]="4"				
354	airways	Section Header: Airway Disease	yesno		
		History of Lung disease	1 Yes		
			0 No		
			<u> </u>		

255	a limbo one a	Time	also alub avv
355	airtype	Туре	checkbox
	Show the field ONLY i		1 airtype1 Asthma
	f: [airways]="1"		2 airtype2 COPD/Chronic Bronchitis/Emphysema
			3 airtype3 Restrictive Lung Disease
			4 airtype4 Other
356	airoth	Other	notes
	Show the field ONLY i f:		
	[airtype(4)]="1"		
357	airpft	Are PFTs avaiable?	radio
	Show the field ONLY i		1 Yes
	f: [airways]="1"		0 No
358	airfev	FEV1%?	text
	Show the field ONLY i		
	f: [airpft]="1"		
359	airfevfvc	FEV1/FVC ?	text
	Show the field ONLY i		
	f:		
260	[airpft]="1"	TI C 2	
360	airtlc	TLC?	text
	Show the field ONLY i f:		
	[airpft]="1"		
361	othercond	Other Conditions	notes
362	chart_review_complet	Section Header: Form Status	dropdown
	е	Complete?	0 Incomplete
			1 Unverified
			2 Complete
Inst	trument: Moca At Sci	reening (moca_at_screening)	
363	dtcomplete	Date form completed	text (date_mdy), Required
364	mocacompletedby	Completed by:	text
365	visual	Section Header:	text (integer, Min: 0, Max: 5)
		1. Visuospatial/Executive (0-5)	
366	naming	2. Naming (0-3)	text (integer, Min: 0, Max: 3)

367	readdigits	Section Header: 3. Memory (No points)	text (integer, Min: 0, Max: 2)
		4. Attention 4a. Read list of digits (0-2)	
368	readdigits2_9e0	4b. Read list of letters (0-1)	text (integer, Min: 0, Max: 1)
369	subtraction	4c. Serial 7 subtraction Starting at 100 (0-3)	text (integer, Min: 0, Max: 3)
370	langrepeat	Section Header: 5. Language 5a. Repeat (Language) (0-2)	text (integer, Min: 0, Max: 2)
371	fluency	5b. Fluency (Language) (0-1)	text (integer, Min: 0, Max: 1)
372	abstraction	6. Abstraction (0-2)	text (integer, Min: 0, Max: 2)
373	delayedrecall	7. Delayed Recall (0-5)	text (integer, Min: 0, Max: 5)
374	orientation	8. Orientation (0-6)	text (integer, Min: 0, Max: 6)
375	mocatotal	Total (0-30)	text (integer, Min: 0, Max: 30), Required
376	moca_at_screening_co mplete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Ins	trument: Trail Makin	g Trails A And B (trail_making_trails_a_and_b)	
377	tm_date_form_comple ted	Date form completed: M-D-Y H:M	text (datetime_mdy)
378	tm_form_completed_b	Form completed by: XXX	text (alpha_only)
379	part_a_test_time_to_c omple	Section Header: <i>Trails A</i> 1. PART A TEST - TIME TO COMPLETE mm:ss	text (time_mm_ss)
380	part_a_test_number_o f_erro	2. PART A TEST - Number of erros	text (integer)
381	part_b_test_time_to_c omple	Section Header: <i>Trails B</i> 1. PART B TEST - TIME TO COMPLETE <i>mm:ss</i>	text (time_mm_ss)
382	part_b_test_number_o f_erro	2. PART B TEST - Number of erros	text (integer)
383	trail_making_trails_a_a nd_b_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Inst	rument: Test Results	s (test_results)				
384	testsdone	Latest Tests with available results	checkbox			
		Use tests closest to enrollment date (within 30 days)	1	testsdone_	1	Chest XR
			2	testsdone_	2	Electrocardiogram
			3	testsdone_	3	Echocardiogram
			4	testsdone_	4	Stress Test
385	cxres	Section Header: Chest X-Ray on Admission	che	ckbox		
	Show the field ONLY i	CXR Report	1	cxres1	No	acute abnormality
	f: [testsdone(1)]="1"		2	cxres2	Puli	monary Edema
	[[estsuone(1)]= 1		3	cxres3	Car	diomegaly
			4	cxres4	Oth	ier
386	cxresoth	CXR Report Other	not	es		
	Show the field ONLY i					
	f: [cxres(4)]="1"					
387	cxrdate	Date of CXR Report	text	: (date_mdy)	
	Show the field ONLY i	·		,		
	f:					
200	[testsdone(1)]="1"	Soction Hondor: Electrocardingram on Admission	tout	· (data madu	١	
388	ecgdate	Section Header: <i>Electrocardiogram on Admission</i> ECG Date	text	: (date_mdy)	
	Show the field ONLY i f:					
	[testsdone(2)]="1"					
389	ecgres	ECG Findings	che	ckbox	1	
	Show the field ONLY i	Review ECG in Powerchart and check box where appropriate	1	ecgres		Sinus rhythm
	f: [testsdone(2)]="1"	stsdone(2)]="1"	2	ecgres		Atrial Fibrillation/Flutter
			3	ecgres		Ventricular Tachycardia
			4	ecgres	4	AV Block
			5	ecgres	5	Left Axis Deviation
			6	ecgres	6	Right Axis Deviation
			7	ecgres	7	Hypertrophy/LVH
			8	ecgres	8	Infarct (any)
			9	ecgres	9	STEMI
			10	ecgres	10	Other
390	ecgresoth	Other ECG findings	not	es		
	Show the field ONLY i					
	f: [ecgres(10)]="1"					

		Emory Gardiovascular Biobarik NEBC	'		
391	ecginf	Infarct Location	checkbox		
	Show the field ONLY i	lf antero-lateral check anterior and lateral	1 ecginf1 Anterior		
	f:		2 ecginf2 Inferior		
	[ecgres(8)]="1"		3 ecginf3 Septal		
			4 ecginf4 Lateral		
			5 ecginf5 Posterior		
392	ecgvr	Ventricular Rate (bpm)	text		
	Show the field ONLY i f: [testsdone(2)]="1"				
393	ecgpr	PR Interval (ms)	text		
	Show the field ONLY i f:				
	[testsdone(2)]="1"				
394	ecgqrs	QRS duration (ms)	text		
	Show the field ONLY i f:				
	[testsdone(2)]="1"				
395	ecgqtc	QTc (ms)	text		
	Show the field ONLY i	Bottom number			
	f: [testsdone(2)]="1"				
396	ecgqt	QT (ms)	text		
	Show the field ONLY i	Bottom number			
	f: [testsdone(2)]="1"				
397	p_axis	P axis	text		
	Show the field ONLY i	Bottom number			
	f:				
	[testsdone(2)]="1"				
398	r_axis	R axis Bottom number	text		
	Show the field ONLY i f:				
	[testsdone(2)]="1"				
399	t_axis	T axis	text		
	Show the field ONLY i	Bottom number			
	f: [testsdone(2)]="1"				
400	l_vent_hyper	Left ventricular hypertrophy	yesno		
	Show the field ONLY i		1 Yes		
	f: [testsdone(2)] = '1'		0 No		
	[[[2]] -]				

401	left_atrial_abn	Left atrial abnormality	yesno
	Show the field ONLY i f:		1 Yes
	i. [testsdone(2)] = '1'		0 No
402	computer_interp_ecg	Computer interpretation of ECG (transcribe	notes
	Show the field ONLY i	verbatim)	
	f: [testsdone(2)] = '1'		
403	ecg_noise	Does this ECG contain noise (noisy baseline)?	yesno
	Show the field ONLY i		1 Yes
	f: [testsdone(2)] = '1'		0 No
404	ecg_issues	Please describe any issues related to ECG	notes
	Show the field ONLY i		
	f: [testsdone(2)] = '1'		
405	eval_ini_ecg	Evaluator's Initials	text
	Show the field ONLY i		
	f: [testsdone(2)] = '1'		
406	echodate	Section Header: Echocardiogram on Admission (or prior)	text (date_mdy)
	Show the field ONLY i	Echocardiogram Report Date	
	f: [testsdone(3)]="1"		
407	echofind	Notable Findings	checkbox
	Show the field ONLY i f:		1 echofind1 Hypertrophy/Increased Wall Thickness
	[testsdone(3)]="1"		2 echofind2 Dilated Ventricle
			3 echofind3 Dilated Left Atrium
			4 echofind4 Dilated Right Atrium
			5 echofind5 Wall motion abnormalities/akinesis
			6 echofind6 Aortic Stenosis
			7 echofind7 Diastolic Dysfunction
			8 echofind8 Other
408	echofindoth	Other Findings	notes
	Show the field ONLY i		
	f: [echofind(8)]="1"		

Show the field ONLY is file chost of the file chos	UTO ETITOT Y CARDIOVASCUIAI BIODATIK NEDCAP				
f: [echofind(7)]="1" 2 Pseudonormal (Grade II) 3 Reversible Restricted (Grade IV 4 Fixed Restricted (Grade IV 4 Fixed Restricted (Grade IV 5 Reversible Restricted (Grade IV 5 Reversible Restricted (Grade IV 6 Fixed Restricted (Grade IV 1 echowm 5 Show the field ONLY i 6 Fixed Restricted (Grade IV 1 echowm_1 Anterior 2 echowm_2 Inferior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 411 echoef 5 Show the field ONLY i 6 Fixed Restricted (Grade IV 1 echowm_1 Anterior 2 echowm_2 Inferior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 411 echoef 5 Show the field ONLY i 6 Fixed Restricted (Grade IV 1 echowm_1 Anterior 2 echowm_2 Inferior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 411 echoef 5 Show the field ONLY i 6 Fixed Restricted (Grade IV 1 echowm_1 Anterior 2 echowm_1 Anterior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 411 echoef 5 Ejection Fraction 412 echowled IV 6 Fixed Restricted (Grade IV 1 echowm_1 Anterior 2 echowm_1 Anterior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 413 echowled ONLY i 6 Fixed Restricted (Grade IV 1 echowled IV 1 echowm_1 Anterior 2 echowm_2 Inferior 3 echowm_3 Septal 4 echowled IV 1 echowl	lo I)				
[echofind(7)]="1" Reversible Restricted (Grade IV)	e I)				
410 echowm Show the field ONLY i f: [echofind(5)]="1" 411 echoef Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvi Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" 415 echolvot Show the field ONLY i f: [testsdone(3)]="1" 416 echoava Show the field ONLY i f: [testsdone(3)]="1" 417 echoava Show the field ONLY i f: [testsdone(3)]="1" 418 echoava Show the field ONLY i f: [testsdone(3)]="1" 419 echoava Show the field ONLY i f: [testsdone(3)]="1" 410 echowa Show the field ONLY i f: [testsdone(3)]="1" 411 echowa Show the field ONLY i f: [testsdone(3)]="1" 412 echowa Show the field ONLY i f: [testsdone(3)]="1" 413 echowa Show the field ONLY i f: [testsdone(3)]="1"	1 111				
410 echowm Show the field ONLY i f: [echofind(5)]="1" Wall motion abnormalities If antero-lateral check anterior and lateral Checkbox 1 echowm_1 Anterior 2 echowm_2 Inferior 3 echowm_3 Septal 4 echowm_4 Lateral 5 echowm_5 Posterior 411 echoef Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" LVOT Diameter (cm) text 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" Aortic Valve Area (cm2) text	-				
Show the field ONLY i f: [echofind(5)]="1" ### dechowm1 Anterior 2 echowm2 Inferior 3 echowm3 Septal 4 echowm4 Lateral 5 echowm5 Posterior #### dechows the field ONLY i f: [testsdone(3)]="1" ##################################)				
Show the field ONLY i f: [echofind(5)]="1" 411 echoef Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" 415 Show the field ONLY i f: [testsdone(3)]="1" 416 echoava Show the field ONLY i f: [testsdone(3)]="1" 417 echoava Show the field ONLY i f: [testsdone(3)]="1" 418 echoava Show the field ONLY i f: [testsdone(3)]="1" 419 echoava Show the field ONLY i f: [testsdone(3)]="1" 410 echoava Show the field ONLY i f: [testsdone(3)]="1" 411 echowm4 Lateral _4 echowm5 Posterior 412 echowm5 Posterior 413 echolvot 414 echowa Show the field ONLY i f: [testsdone(3)]="1" 415 echolvot Show the field ONLY i f: [testsdone(3)]="1" 416 echowa Show the field ONLY i f: [testsdone(3)]="1"					
[echofind(5)]="1"					
4 echowm4 Lateral 5 echowm5 Posterior					
411 echoef Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvi Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" Aortic Valve Area (cm2) Show the field ONLY i f:					
411 echoef Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvi Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" Aortic Valve Area (cm2) Show the field ONLY i f:					
Show the field ONLY i f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" Aortic Valve Area (cm2) Show the field ONLY i f:					
f: [testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" 415 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 416 echoava Show the field ONLY i f: Show the field ONLY i f:					
[testsdone(3)]="1" 412 echolvot Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: [testsdone(3)]="1" 415 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 416 echoava Show the field ONLY i f: Show the field ONLY i f:					
Show the field ONLY i f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f:					
f: [testsdone(3)]="1" 413 echolvotvti Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: Show the field ONLY i f:	text				
[testsdone(3)]="1" 413 echolvotvti					
Show the field ONLY i f: [testsdone(3)]="1" 414 echoava Show the field ONLY i f: Aortic Valve Area (cm2) text					
f: [testsdone(3)]="1" 414 echoava Aortic Valve Area (cm2) Show the field ONLY i f:					
[testsdone(3)]="1" 414 echoava Aortic Valve Area (cm2) text Show the field ONLY i f:					
414 echoava Aortic Valve Area (cm2) text Show the field ONLY i f:					
Show the field ONLY i f:					
f:					
[testsdone(3)]="1"					
DILLY AND ADVICES					
415 echorvsp Right Ventricular Systolic Pressure (RVSP) text					
Show the field ONLY i f:					
[testsdone(3)]="1"					
416 echovr Moderate or Severe Valvular Regurgitation checkbox					
Show the field ONLY i Only note whenever moderate (including mild-moderate) or severe is present Only note whenever moderate (including mild-moderate) or echovr_0 None					
f:					
2 echovr2 Mitral					
3 echovr3 Tricuspid					
4 echovr4 Pulmonary					

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417	stresstest Show the field ONLY i f: [testsdone(4)]="1"	Section Header: Cardiac Stress Test on Admission (or prior) Stress Test Type	radio 1 Exercise 2 Pharmacologic 3 Combined
418	stressmod Show the field ONLY i f: [stresstest]="2" or [str esstest]="3"	Vasodilator or Inotrope	radio 1 Adenosine 2 Dipyridamole 3 Regadenoson 4 Dobutamine
419	stressimg Show the field ONLY i f: [testsdone(4)]="1"	Imaging Modality	radio 1 Electrocardioogram alone 2 Radionuclide MPI (SPECT/PET) 3 Echocardiography 4 Cardiac MRI 5 Cardiac CT
420	stressres Show the field ONLY i f: [testsdone(4)]="1"	Test Result	radio 0 Normal 1 Abnormal
421	stressef Show the field ONLY i f: [testsdone(4)]="1"	Ejection Fraction, %	text
422	stressabn Show the field ONLY i f: [stressres]="1"	Abnormal Results	checkbox 1 stressabn1 Reversible Ischemia 2 stressabn2 Fixed Defect 3 stressabn3 Depressed EF 4 stressabn4 Global Hypokinesis 5 stressabn5 Other
423	stressabnoth Show the field ONLY i f: [stressabn(5)]="1"	Other	notes
424	stressant Show the field ONLY i f: [stressabn(1)]="1" or [stressabn(2)]="1"	Section Header: Ischemic Area (Fixed or Reversible) Anterior	radio (Matrix) 1 Yes 0 No

425	stressalat	Antero-Lateral	radio (Matrix)
	Show the field ONLY i		1 Yes
	f: [stressabn(1)]="1" or		0 No
	[stressabn(2)]="1"		
426	stresslat	Lateral	radio (Matrix)
	Show the field ONLY i		1 Yes
	f: [stressabn(1)]="1" or		0 No
	[stressabn(2)]="1"		
427	stressinf	Inferior	radio (Matrix)
	Show the field ONLY i f:		1 Yes
	[stressabn(1)]="1" or		0 No
	[stressabn(2)]="1"		
428	stressilat	Infero-Lateral	radio (Matrix)
	Show the field ONLY i f:		1 Yes 0 No
	[stressabn(1)]="1" or		0 110
	[stressabn(2)]="1"		
429	stresspost	Posterior	radio (Matrix) 1 Yes
	Show the field ONLY i f:		0 No
	[stressabn(1)]="1" or		
420	[stressabn(2)]="1"	Samuel	undin (Mantrin)
430	stressseptal	Septal	radio (Matrix) 1 Yes
	Show the field ONLY i f:		0 No
	[stressabn(1)]="1" or [stressabn(2)]="1"		
/21	otherstressarea	Other	notes
431	Show the field ONLY i	Other	notes
	f:		
	[stressabn(1)]="1" or [stressabn(2)]="1"		
432	test_results_complete	Section Header: Form Status	dropdown
		Complete?	0 Incomplete
			1 Unverified
			2 Complete
Ins	trument: Medication	(medications)	
433	adasp	Section Header: Admission Medications	radio (Matrix)
		Aspirin	1 Yes
			0 No
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434	adplavix	Thienopyridines (Clopidogrel, Prasugrel, Ticlodipine)	radio (Matrix) 1 Yes 0 No
435	adbb	Beta-Blocker	radio (Matrix) 1 Yes 0 No
436	adcaantag	Calcium Channel Blocker	radio (Matrix) 1 Yes 0 No
437	adace	ACE-Inhibitor	radio (Matrix) 1 Yes 0 No
438	adarb	Angiotensin Receptor Blocker	radio (Matrix) 1 Yes 0 No
439	adspir	Aldosterone Antagonists	radio (Matrix) 1 Yes 0 No
440	adhctz	Hydrochlorothiazide	radio (Matrix) 1 Yes 0 No
441	adfuro	Furosemide	radio (Matrix) 1 Yes 0 No
442	adnitrate	Nitrates	radio (Matrix) 1 Yes 0 No
443	adeze	Ezetemibe	radio (Matrix) 1 Yes 0 No
444	adniacin	Niacin	radio (Matrix) 1 Yes 0 No
445	adstat	Statin	radio (Matrix) 1 Yes 0 No

446	adfib	Fibrate	radio (Matrix)
			1 Yes
			0 No
447	admet	Metformin	radio (Matrix)
147	damee	Wedomin	1 Yes
			0 No
4.40			<u> </u>
448	adcou	Warfarin	radio (Matrix) 1 Yes
			0 No
449	adoth	Other	notes
450	disasp	Section Header: Discharge Medications	radio (Matrix)
		Aspirin	1 Yes
			0 No
451	displavix	Clopidogrel	radio (Matrix)
			1 Yes
			0 No
452	disbb	Beta-Blocker	radio (Matrix)
			1 Yes
			0 No
453	discaantag	Calcium Channel Blocker	radio (Matrix)
133	arseadritag	Carefull Chamile Biochel	1 Yes
			0 No
454	diana	ACE labibitar	<u> </u>
454	disace	ACE-Inhibitor	radio (Matrix)
			0 No
			<u> </u>
455	disarb	Angiotensin Receptor Blocker	radio (Matrix)
			
			0 No
456	disspir	Aldosterone Antagonists	radio (Matrix)
			1 Yes
			0 No
457	dishctz	Hydrochlorothiazide	radio (Matrix)
			1 Yes
			0 No
458	disfuro	Furosemide	radio (Matrix)
			1 Yes
			0 No
			<u> </u>

459	disnitrate	Nitrates	radio (Matrix) 1 Yes 0 No	
460	diseze	Ezetemibe	radio (Matrix) 1 Yes 0 No	
461	disniacin	Niacin	radio (Matrix) 1 Yes 0 No	
462	disstat	Statin	radio (Matrix) 1 Yes 0 No	
463	disfib	Fibrate	radio (Matrix) 1 Yes 0 No	
464	dismet	Metformin	radio (Matrix) 1 Yes 0 No	
465	discou	Coumadin	radio (Matrix) 1 Yes 0 No	
466	disoth	Other	notes	
467	medications_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete	
		Complete	1 Unverified	
			2 Complete	
Instrument: Laboratory (laboratory)				
468	labsinstruc	Please fill the labs below according to the stated instructions. If you receive an error while inputing data, try changing the number of decimals you are inputting: i.e instead of 5.12, use 5.1.	descriptive	
		If labs are not available within the specified time frame, please leave a comment noting so.		
469	datelip	Section Header: <i>Lipid Profile</i>	text (date_mdy)	
		Date Lipid Profile If multiple values, choose admission		

470 tc Total Cholesterol text (integer) 471 tg Triglycerides text (integer) 472 hdl High-Density Lipoprotein (HDL) text (integer) 473 Idl Low-Density Lipoprotein (LDL) text (integer) 474 vidl Very Low Density Lipoprotein (VLDL) text (integer) 475 datechem Section Header: Chemistry Panel on Admission text (date_mdy) 476 na Sodium text (integer) 477 k Potassium text (number_1dp) 478 bun BUN text (integer) 479 cr Creatinine text (number_1dp) 480 alb Albumin text (number_1dp) 481 ca Calcium text (number_1dp) 482 gluc Glucose text (integer) 483 totprot Total Protein text (number_1dp) 484 alt Alanine Aminotransferase text (integer) 485 ast Aspartate Aminotransferase text (integer) 486 alkph Alkaline Phosphatase text (integer) 487 dateft Section Header: Thyroid Function text (date_mdy) 488 tsh TSH fovailable within 90 days. Use 1 decimal text (date_mdy) 489 ft4 Free T4 fovailable within 90 days. text (date_mdy)	
472 hdl High-Density Lipoprotein (HDL) text (integer) 473 ldl Low-Density Lipoprotein (LDL) text (integer) 474 vldl Very Low Density Lipoprotein (VLDL) text (integer) 475 datechem Section Header: Chemistry Panel on Admission text (date_mdy) 476 na Sodium text (integer) 477 k Potassium text (integer) 478 bun BUN text (integer) 479 cr Creatinine text (number_1dp) 480 alb Albumin text (number_1dp) 481 ca Calcium text (number_1dp) 482 gluc Glucose text (integer) 483 totprot Total Protein text (number_1dp) 484 alt Alanine Aminotransferase text (integer) 485 ast Aspartate Aminotransferase text (integer) 487 datefft Section Header: Thyroid Function text (number_1dp) 488 tsh TSH if available within 90 days. Use 1 decimal 489 ft4 Free T4	
473 Idl Low-Density Lipoprotein (LDL) text (integer) 474 vldl Very Low Density Lipoprotein (VLDL) text (integer) 475 datechem Section Header: Chemistry Panel on Admission text (date_mdy) 476 na Sodium text (integer) 477 k Potassium text (number_1dp) 478 bun BUN text (integer) 479 cr Creatinine text (number_1dp) 480 alb Albumin text (number_1dp) 481 ca Calcium text (number_1dp) 482 gluc Glucose text (integer) 483 totprot Total Protein text (number_1dp) 484 alt Alanine Aminotransferase text (integer) 485 ast Aspartate Aminotransferase text (integer) 486 alkph Alkaline Phosphatase text (integer) 487 datetft Section Header: Thyroid Function text (number_1dp) 488 tsh TSH 489 ft4 Free T4 489 ft4	
474 vidl Very Low Density Lipoprotein (VLDL) text (integer) 475 datechem Section Header: Chemistry Panel on Admission text (date_mdy) 476 na Sodium text (integer) 477 k Potassium text (number_1dp) 478 bun BUN text (integer) 479 cr Creatinine text (number_1dp) 480 alb Albumin text (number_1dp) 481 ca Calcium text (number_1dp) 482 gluc Glucose text (integer) 483 totprot Total Protein text (number_1dp) 484 alt Alanine Aminotransferase text (integer) 485 ast Aspartate Aminotransferase text (integer) 486 alkph Alkaline Phosphatase text (integer) 487 datetft Section Header: Thyroid Function text (number_1dp) 488 tsh TSH if available within 90 days. Use 1 decimal 489 ft4 Free T4 If available within 90 days	
475 datechem Section Header: Chemistry Panel on Admission Date Chemistry Panel 476 na Sodium text (integer) 477 k Potassium BUN text (integer) 479 cr Creatinine 480 alb Albumin text (number_1dp) 481 ca Calcium text (number_1dp) 482 gluc Glucose text (integer) 483 totprot Total Protein 484 alt Alanine Aminotransferase text (integer) 485 ast Aspartate Aminotransferase text (integer) 486 alkph Alkaline Phosphatase text (integer) 487 datetft Section Header: Thyroid Function Date Thyroid Function text (number_1dp) text (integer) text (date_mdy) Date Thyroid Function text (date_mdy) Date Thyroid Function text (number_1dp) if ovailable within 90 days. Use 1 decimal 489 ft4 Free T4 If available within 90 days	
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If available within 90 days	
400 datairan Section Header: Iron Studies toyt (data mdv)	
450 date in in Section reduct. If on Statutes leak (date_indy)	
Date Iron Studies	
491 iron Iron Level text (integer) If available within 90 days	
492 ferritin Ferritin text (integer)	
transferrin Transferrin Saturation If available within 90 days text (integer)	
494 datea1c Section Header: Hemoglobin A1c text (date_mdy) Date HgbA1C%	
495 a1c Hemoglobin A1C, % text	
If multiple values, choose admission or latest prior to admission	
496 datebnp Section Header: Brain-Natriuretic Peptide text (date_mdy)	
Date BNP If multiple values, choose admission	
497 bnp BNP text (integer)	

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498	wbc	Section Header: Complete Blood Count on Admission WBC	text (number_1dp)	
499	datecbc	Date CBC	text	
500	gran	Granulocytes, %	text (integer)	
501	lymph	Lymphocytes, %	text (integer)	
502	hb	Hemoglobin, g/dL	text (number_1dp)	
503	hct	Hematocrit, %	text (number_1dp)	
504	mcv	MCV	text (integer)	
505	plt	Platelet Count	text (integer)	
506	rdw	RDW %CV	text	
507	ckmb	Section Header: <i>Cardiac Enzymes</i> CK-MB on admission	text (number)	
508	ckmbpos	CK-MB post-catheterization	text (number)	
509	peakckmb	Peak CK-MB	text (number)	
510	peakckmbdate	Date Peak CK-MB	text (date_mdy)	
511	troppre	Troponin on admission	text (number_2dp)	
512	troppos	Troponin post-catheterization	text (number_2dp)	
513	peaktrop	Peak Troponin	text (number_2dp)	
514	peaktropdate	Date Peak Troponin	text (date_mdy)	
515	laboratory_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete	
Instrument: Angiogram (angiogram)				
516	prevcabg	Previous history of coronary artery bypass (CABG)?	radio 1 Yes 0 No	
517	numangio	Number of angiograms Include up to 5 angiograms including enrollment angio	text (integer, Max: 5)	
518	angio1date	Angiogram 1 Date:	text (date_mdy)	
	Show the field ONLY i f: [numangio] >= 1			
519	angio2date Show the field ONLY i f: [numangio] >= 2	Angiogram 2 Date:	text (date_mdy)	

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520	angio3date Show the field ONLY i f: [numangio] >= 3	Angiogram 3 Date:	text (date_mdy)
521	angio4date Show the field ONLY i f: [numangio] >= 4	Angiogram 4 Date:	text (date_mdy)
522	angio5date Show the field ONLY i f: [numangio] >= 5	Angiogram 5 Date:	text (date_mdy)
523	ang1dom Show the field ONLY i f: [numangio] >= 1	Section Header: Angiogram 1 Left Heart Catheterization Dominant Vessel	radio 1 Right Dominant 2 Left Dominant 3 Co-Dominant
524	ang1edp Show the field ONLY i f: [numangio] >= 1	LVEDP, mmHg	text
525	ang1ef Show the field ONLY i f: [numangio] >= 1	Ejection Fraction, % (ventriculogram)	text

526	ang1cabg	Section Header: Coronary Bypass Grafts	chec	:kbox	
	Show the field ONLY i	Bypass Grafts Targets	1	ang1cabg1	Left Main
	f: ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg]		2	ang1cabg2	Left Anterior Descending
	="1") and [numangio]		3	ang1cabg3	Left Circumflex
	>= 1		4	ang1cabg4	Right Coronary Artery
			5	ang1cabg5	Posterior Descending Artery
			6	ang1cabg6	Diagonal 1
			7	ang1cabg7	Diagonal 2
			8	ang1cabg8	Septal
			9	ang1cabg9	Ramus
			10	ang1cabg10	Obtuse Marginal 1
			11	ang1cabg11	Obtuse Marginal 2
			12	ang1cabg12	Obtuse Marginal 3
			13	ang1cabg13	Posterior Left Ventricular
			14	ang1cabg14	Right Ventricular Branch of Right Coronary
527	ang1cabg1	Left Main Bypass Graft	radio	o (Matrix)	
	Show the field ONLY i		1	Internal Mammaı	ry Artery
	f: [ang1cabg(1)]="1"		2	Radial Artery	
	[aligicabg(1)]= 1		3	Saphenous Vein	
528	ang1cabg2	Left Anterior Descending Bypass Graft	radio	o (Matrix)	
	Show the field ONLY i		1	Internal Mammaı	ry Artery
	f: [ang1cabg(2)]="1"		2	Radial Artery	
	[aligicabg(2)]= 1		3	Saphenous Vein	
529	ang1cabg3	Left Circumflex Bypass Graft	radio	o (Matrix)	
	Show the field ONLY i		1	Internal Mammai	ry Artery
	f: [ang1cabg(3)]="1"		2	Radial Artery	
	[ang readg(3)]= 1		3	Saphenous Vein	

F 6 6	4 1 4	Piles Air D. C.S.	1: (14 / 1)
530	ang1cabg4	Right Coronary Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery
	Show the field ONLY i f:		2 Radial Artery
	[ang1cabg(4)]="1"		3 Saphenous Vein
F 2 1	ang1sahaF	Postoriar Descending Artery Dynass Craft	<u> </u>
551	ang1cabg5	Posterior Descending Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery
	Show the field ONLY i f:		2 Radial Artery
	[ang1cabg(5)]="1"		3 Saphenous Vein
532	ang1cabg6	Diagonal 1 Bypass Graft	radio (Matrix)
332	Show the field ONLY i	Diagonal 1 Bypass Grant	1 Internal Mammary Artery
	f:		2 Radial Artery
	[ang1cabg(6)]="1"		3 Saphenous Vein
533	ang1cabg7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i	g	1 Internal Mammary Artery
	f:		2 Radial Artery
	[ang1cabg(7)]="1"		3 Saphenous Vein
534	ang1cabg8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f:		2 Radial Artery
	[ang1cabg(8)]="1"		3 Saphenous Vein
535	ang1cabg9	Ramus Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang1cabg(9)]="1"		2 Radial Artery
			3 Saphenous Vein
536	ang1cabg10	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang1cabg(10)]="1"		2 Radial Artery
	[ungreadg(10)]		3 Saphenous Vein
537	ang1cabg11	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang1cabg(11)]="1"		2 Radial Artery
			3 Saphenous Vein
538	ang1cabg12	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang1cabg(12)]="1"		2 Radial Artery
	- 5 5. 72		3 Saphenous Vein

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539	ang1cabg13 Show the field ONLY i f: [ang1cabg(13)]="1"	Posterior Left Ventricular Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
540	ang1cabg14 Show the field ONLY i f: [ang1cabg(14)]="1"	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
541	ang1results Show the field ONLY i f: [numangio] >= 1	Section Header: <i>Results</i> Test Result	radio 0 Normal 1 Stenoses present
542	ang1graf Show the field ONLY i f: [ang1results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1")	Are graft stenoses present ?	radio 1 Yes 0 No
543	ang1isr Show the field ONLY i f: [ang1results]="1"	Are In-stent restenoses present?	radio 1 Yes 0 No

0/2010	To Emory Cardiovascular Biobank REDCap				
544	ang1sten	Stenosed Vessels	chec	kbox	
	Show the field ONLY i	Vessels without prior stents	1	ang1sten1	Left Main
	f: [ang1results]="1"		2	ang1sten2	Left Anterior Descending
			3	ang1sten3	Left Circumflex
			4	ang1sten4	Right Coronary Artery
			5	ang1sten5	Posterior Descending Artery
			6	ang1sten6	Diagonal 1
			7	ang1sten7	Diagonal 2
			8	ang1sten8	Septal
			9	ang1sten9	Ramus
			10	ang1sten10	Obtuse Marginal 1
			11	ang1sten11	Obtuse Marginal 2
			12	ang1sten12	Obtuse Marginal
			13	ang1sten13	Posterior Left Ventricular
			14	ang1sten14	Right Ventricular Branch of Right Coronary

545	ang1isrsten	In-Stent Restenosis Site	ched	kbox	
	Show the field ONLY i	Vessels with prior stents	1	ang1isrsten1	Left Main
	f: [ang1isr]="1"		2	ang1isrsten2	Left Anterior Descending
			3	ang1isrsten3	Left Circumflex
			4	ang1isrsten4	Right Coronary Artery
			5	ang1isrsten5	Posterior Descending Artery
			6	ang1isrsten6	Diagonal 1
			7	ang1isrsten7	Diagonal 2
			8	ang1isrsten8	Septal
			9	ang1isrsten9	Ramus
			10	ang1isrsten10	Obtuse Marginal 1
			11	ang1isrsten11	Obtuse Marginal 2
			12	ang1isrsten12	Obtuse Marginal 3
			13	ang1isrsten13	Posterior Left Ventricular
			14	ang1isrsten14	Right Ventricular Branch of Right Coronary
546	ang1cabgsten1	Section Header: Bypass Graft Stenoses (Target Vessels)	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i f:	Left Main Bypass Graft			
	[ang1cabg(1)]>=1 AND [ang1graf]="1"				
547	ang1cabgsten2	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang1cabg(2)]>=1 AND [ang1graf]="1"				
548	ang1cabgsten3	Left Circumflex Bypass Graft	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i f:				
	[ang1cabg(3)]>=1 AND [ang1graf]="1"				

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549	ang1cabgsten4	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1cabg(4)]>=1 AND		
	[ang1graf]="1"		
550	ang1cabgsten5	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1cabg(5)]>=1 AND [ang1graf]="1"		
551	ang1cabgsten6	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1cabg(6)]>=1 AND [ang1graf]="1"		
552	ang1cabgsten7	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	r: [ang1cabg(7)]>=1 AND [ang1graf]="1"		
553	ang1cabgsten8	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1cabg(8)]>=1 AND [ang1graf]="1"		
554	ang1cabgsten9	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1cabg(9)]>=1 AND		
	[ang1graf]="1"		
555	ang1cabgsten10	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1cabg(10)]>=1 AN D [ang1graf]="1"		
556	ang1cabgsten11	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	r: [ang1cabg(11)]>=1 AN D [ang1graf]="1"		
557	ang1cabgsten12	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1cabg(12)]>=1 AN D [ang1graf]="1"		

558	ang1cabgsten13 Show the field ONLY i	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
	f:		
	[ang1cabg(13)]>=1 AN		
	D [ang1graf]="1"		
559	ang1cabgsten14	Right Ventricular Branch of Right Coronary	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Bypass Graft	
	[ang1cabg(14)]>=1 AN D [ang1graf]="1"		
560	ang1sten1	Section Header: Stenoses	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Left Main % Stenosis	
	[ang1sten(1)]="1" or [a ng1isrsten(1)]="1"		
561	ang1sten2	Proximal (before 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Descending % Stenosis	
	[ang1sten(2)]="1" or [a ng1isrsten(2)]="1"		
562	ang1sten3	Proximal (after 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Descending % Stenosis	
	[ang1sten(2)]="1" or [a ng1isrsten(2)]="1"		
563	ang1sten4	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1sten(2)]="1" or [a		
	ng1isrsten(2)]="1"		
564	ang1sten5	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(2)]="1" or [a ng1isrsten(2)]="1"		
565	ang1sten6	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		
566	ang1sten7	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1ston(2)]="1" or [a		
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		

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567	ang1sten8	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		
568	ang1sten9	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten(4)]="1" or [a		
560	ng1isrsten(4)]="1"	Mid Dight Common Aston W Change	to the first and Mire O. Mary 100)
569	ang1sten10	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(4)]="1" or [a ng1isrsten(4)]="1"		
570	ang1sten11	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1sten(4)]="1" or [a ng1isrsten(4)]="1"		
571	ang1sten12	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(4)]="1" or [a ng1isrsten(4)]="1"		
572	ang1sten13	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1sten(5)]="1" or [a		
	ng1isrsten(5)]="1"		
573	ang1sten14	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(6)]="1" or [a ng1isrsten(6)]="1"		
574	ang1sten15	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1sten(7)]="1" or [a ng1isrsten(7)]="1"		
575	ang1sten16	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang1sten(8)]="1" or [a ng1isrsten(8)]="1"		

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576	ang1sten17	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang1sten(9)]="1" or [a ng1isrsten(9)]="1"		
577	ang1sten18	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten(10)]="1" or [ang1isrsten(10)]="1"		
578	ang1sten19	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten(11)]="1" or [ang1isrsten(11)]="1"		
579	ang1sten20	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten(12)]="1" or [ang1isrsten(12)]="1"		
580	ang1sten21	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1"		
581	ang1sten22	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Stenosis	
	[ang1sten(14)]="1" or [ang1isrsten(14)]="1"		
582	ang1int1	Section Header: Interventions	radio (Matrix)
	Show the field ONLY i	Left Main	0 No Intervention
	f: [ang1sten(1)]="1" or [a		1 Angioplasty
	ng1isrsten(1)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
583	ang1int2	Proximal (before 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i f:		0 No Intervention 1 Angioplasty
	[ang1sten(2)]="1" or [a		2 Bare Metal Stent
	ng1isrsten(2)]="1"		3 Drug-Eluting Stent

		I	
584	ang1int3	Proximal (after 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang1sten(2)]="1" or [a		1 Angioplasty
	ng1isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
585	ang1int4	Mid-Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang1sten(2)]="1" or [a		1 Angioplasty
	ng1isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
586	ang1int5	Distal Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(2)]="1" or [a ng1isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
587	ang1int6	Proximal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		2 Bare Metal Stent
	0 (2		3 Drug-Eluting Stent
588	ang1int7	Mid-Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		2 Bare Metal Stent
	8 (-/2		3 Drug-Eluting Stent
589	ang1int8	Distal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(3)]="1" or [a ng1isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
590	ang1int9	Proximal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(4)]="1" or [a ng1isrsten(4)]="1"		2 Bare Metal Stent
	118 1131 3(C11(4))] - 1		3 Drug-Eluting Stent

591	ang1int10	Mid-Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang1sten(4)]="1" or [a		1 Angioplasty
	ng1isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
592	ang1int11	Distal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang1sten(4)]="1" or [a		1 Angioplasty
	ng1isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
593	ang1int12	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(4)]="1" or [a ng1isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
594	ang1int13	Posterior Descending Artery	radio (Matrix)
	Show the field ONLY i	g ,	0 No Intervention
	f:		1 Angioplasty
	[ang1sten(5)]="1" or [a ng1isrsten(5)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
595	ang1int14	Diagonal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(6)]="1" or [a ng1isrsten(6)]="1"		2 Bare Metal Stent
	118113131611(0)]		3 Drug-Eluting Stent
596	ang1int15	Diagonal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1sten(7)]="1" or [a		2 Bare Metal Stent
	ng1isrsten(7)]="1"		3 Drug-Eluting Stent
507	ang1int16	Septal	radio (Matrix)
J9/	_	Берга	0 No Intervention
	Show the field ONLY i f:		1 Angioplasty
	[ang1sten(8)]="1" or [a		2 Bare Metal Stent
	ng1isrsten(8)]="1"		3 Drug-Eluting Stent
			2 Drag-Fracilig Stellt

Section Sect	0/2010		Emory Cardiovascular Biobank NEDC	,~p
1 Angioplasty 2 Bare Metal Stent	598	ang1int17	Ramus	radio (Matrix)
[ang1sten(9)]="1" or [a ng1isrsten(9)]="1" or [a ng1isrsten(9)]="1" or [a ng1isrsten(9)]="1" or [a ng1isrsten(10)]="1" or [ang1sten(10)]="1" or [ang1sten(10)]="1" or [ang1sten(10)]="1" or [ang1sten(10)]="1" or [ang1sten(10)]="1" or [ang1sten(1)]="1" or [ang1ste		Show the field ONLY i		0 No Intervention
ng1isrsten(9)]="1" 2 Bare Metal Stent 3 Drug-Eluting Stent 4 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 3 Drug-Eluting Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 5 Angio				1 Angioplasty
Sp9 ang lint18 Show the field ONLY i f: [ang 1sten(10)]="1" or [ang 1isrsten(10)]="1" or [ang 1isrsten(11)]="1" or [ang 1isrsten(11)]="1" or [ang 1isrsten(11)]="1" or [ang 1isrsten(11)]="1" or [ang 1isrsten(12)]="1" or [ang 1isrsten(13)]="1" or [ang 1isrsten(14)]="1" or [ang 1i		=		2 Bare Metal Stent
Show the field ONLY i f: [ang1sten(10)]="1" or [ang1sirsten(10)]="1" Obtuse Marginal 2 Cotuse Marginal 3 Cotuse Marginal 4				3 Drug-Eluting Stent
Show the field ONLY in the f	599	ang1int18	Obtuse Marginal 1	radio (Matrix)
[ang1sten(10)]="1" or [ang1isrsten(10)]="1" or [ang1isrsten(10)]="1" or [ang1isrsten(10)]="1" or [ang1isrsten(11)]="1" or [ang1isrsten(11)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(14)]="1" or		Show the field ONLY i		0 No Intervention
[ang1isrsten(10)]="1"				1 Angioplasty
Obtuse Marginal 2 Colorador		_		2 Bare Metal Stent
Show the field ONLY i f: [ang1sten(11)]="1" or [ang1srsten(11)]="1" or [ang1srsten(11)]="1" or [ang1srsten(11)]="1" or [ang1srsten(12)]="1" or [ang1sten(12)]="1" or [ang1sten(12)]="1" or [ang1sten(12)]="1" or [ang1sten(12)]="1" or [ang1sten(13)]="1" or [ang1sten(13)]="1" or [ang1sten(13)]="1" or [ang1sten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(13)]="1" or [ang1srsten(14)]="1" or				3 Drug-Eluting Stent
f: [ang1sten(11)]="1" or [ang1isrsten(11)]="1" or [ang1isrsten(11)]="1" or [ang1isrsten(11)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(14)]="1"	600	ang1int19	Obtuse Marginal 2	radio (Matrix)
[ang1sten(11)]="1" or [ang1irsten(11)]="1" or [ang1irsten(11)]="1" or [ang1irsten(11)]="1" or [ang1irsten(12)]="1" or [ang1irsten(12)]="1" or [ang1irsten(12)]="1" or [ang1irsten(12)]="1" or [ang1irsten(12)]="1" or [ang1irsten(13)]="1" or [ang1irsten(13)]="1" or [ang1irsten(13)]="1" or [ang1irsten(13)]="1" or [ang1irsten(14)]="1" or [ang1irs		Show the field ONLY i		0 No Intervention
[ang1isrsten(11)]="1"		f:		1 Angioplasty
601 ang1int20 Show the field ONLY i f: [ang1sten(12)]="1" or [ang1isrsten(12)]="1" or [ang1stren(13)]="1" or [ang1stren(13)]="1" or [ang1stren(13)]="1" or [ang1stren(13)]="1" or [ang1stren(13)]="1" or [ang1stren(13)]="1" or [ang1stren(14)]="1" or [ang1				2 Bare Metal Stent
Show the field ONLY i f: [ang1sten(12)]="1" or [ang1isrsten(12)]="1" 602 ang1int21 Show the field ONLY i f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" 603 ang1int22 Show the field ONLY i f: [ang1sten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Right Ventricular Branch of Right Coronary 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Right Wentricular Branch of Right Coronary 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Right Wentricular Branch of Right Coronary 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Bare Metal Stent 3 Drug-Eluting Stent				3 Drug-Eluting Stent
f: [ang1sten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" 602 ang1int21 Show the field ONLY i f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" 603 ang1int22 Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 7 adio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 3 Drug-Eluting Stent 7 adio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 7 adio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent	601	ang1int20	Obtuse Marginal 3	radio (Matrix)
[ang1sten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1isrsten(12)]="1" or [ang1sten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(14)]="1" or [a		Show the field ONLY i		0 No Intervention
[ang1isrsten(12)]="1"				1 Angioplasty
ang1int21 Show the field ONLY i f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1" Angioplasty Bare Metal Stent Drug-Eluting Stent Right Ventricular Branch of Right Coronary Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" ang1isrsten(14)]="1" Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent Drug-Eluting Stent Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent No Intervention Angioplasty Bare Metal Stent No Intervention Angioplasty Bare Metal Stent No Intervention Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent Angioplasty Bare Metal Stent Bare Metal Stent Angioplasty Bare Metal Stent Bare Metal Stent		=		2 Bare Metal Stent
Show the field ONLY i f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1" 603 ang1int22 Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Continue Metal Stent Angioplasty Bare Metal Stent Continue Met				3 Drug-Eluting Stent
f: [ang1sten(13)]="1" or [ang1isrsten(13)]="1" 603 ang1int22 Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Bare Metal Stent 5 Angioplasty 5 Bare Metal Stent 6 Angioplasty 6 Bare Metal Stent 6 Angioplasty 7 Bare Metal Stent 8 Bare Metal Stent 9 Bare Metal Stent 9 Bare Metal Stent	602	ang1int21	Posterior Left Ventricular	radio (Matrix)
[ang1sten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" or [ang1isrsten(13)]="1" and in the proof of the proo				0 No Intervention
[ang1isrsten(13)]="1"				1 Angioplasty
ang1int22 Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Right Ventricular Branch of Right Coronary radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent				2 Bare Metal Stent
Show the field ONLY i f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Show the field ONLY i f: [ang1cabgsten1]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang1sten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1 Show the field ONLY i f: [ang1cabgsten1]>0 Left Main Bypass Graft 7 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 7 No Intervention 1 Angioplasty 2 Bare Metal Stent	603	ang1int22	Right Ventricular Branch of Right Coronary	radio (Matrix)
[ang1sten(14)]="1" or [ang1isrsten(14)]="1" 604 ang1graftint1		Show the field ONLY i		0 No Intervention
[ang1isrsten(14)]="1"		• •		1 Angioplasty
604 ang1graftint1 Left Main Bypass Graft Show the field ONLY i f: [ang1cabgsten1]>0 Left Main Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent		=		2 Bare Metal Stent
Show the field ONLY i f: [ang1cabgsten1]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang1cabgsten1]>0 1 Angioplasty 2 Bare Metal Stent	604	ang1graftint1	Left Main Bypass Graft	radio (Matrix)
[ang1cabgsten1]>0 2 Bare Metal Stent				0 No Intervention
2 Bare Metal Stent				1 Angioplasty
3 Drug-Eluting Stent		[[41] [[41] [41] [41]		2 Bare Metal Stent
				3 Drug-Eluting Stent

		I	, T
605	ang1graftint2	Left Anterior Descending Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang1cabgsten2]>0		1 Angioplasty
			2 Bare Metal Stent
			3 Drug-Eluting Stent
606	ang1graftint3	Left Circumflex Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang1cabgsten3]>0		1 Angioplasty
	[ang reabgateris]* 0		2 Bare Metal Stent
			3 Drug-Eluting Stent
607	ang1graftint4	Right Coronary Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1cabgsten4]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
608	ang1graftint5	Posterior Descending Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1cabgsten5]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
609	ang1graftint6	Diagonal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1cabgsten6]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
610	ang1graftint7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1cabgsten7]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
611	ang1graftint8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang1cabgsten8]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
			<u> </u>

612	ang1graftint9 Show the field ONLY i f: [ang1cabgsten9]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
613	ang1graftint10 Show the field ONLY if: [ang1cabgsten10]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
614	ang1graftint11 Show the field ONLY i f: [ang1cabgsten11]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
615	ang1graftint12 Show the field ONLY if: [ang1cabgsten12]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
616	ang1graftint13 Show the field ONLY if: [ang1cabgsten13]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
617	ang1graftint14 Show the field ONLY if: [ang1cabgsten14]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
618	ang1outcomes Show the field ONLY i f: [numangio] >= 1	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other

619	ang1outcomesoth Show the field ONLY i	Other Recommendations	note	<u>2</u> S	
	f: [ang1outcomes]="5"				
620	ang2dom	Section Header: Angiogram 2 Left Heart Catheterization	radi	0	
	Show the field ONLY i	Dominant Vessel	1	Right Dominant	
	f: [numangio] >= 2		2	Left Dominant	
	[namanglo] > 2		3	Co-Dominant	
621	ang2edp	LVEDP, mmHg	text		
	Show the field ONLY i				
	f: [numangio] >= 2				
622	ang2ef	Ejection Fraction, % (ventriculogram)	text		
	Show the field ONLY i				
	f:				
(22	[numangio] >= 2	Section Header: Coronary Bypass Grafts	shor	alsh ass	
623	ang2cabg	Bypass Grafts Targets	1	ckbox ang2cabg1	Left Main
	Show the field ONLY i f:	31	2	ang2cabg2	Left Anterior
	([cabg]="1" OR [rerx (2)]="1") and [numangi			88	Descending
	o] >= 2		3	ang2cabg3	Left Circumflex
			4	ang2cabg4	Right Coronary Artery
			5	ang2cabg5	Posterior Descending Artery
			6	ang2cabg6	Diagonal 1
			7	ang2cabg7	Diagonal 2
			8	ang2cabg8	Septal
			9	ang2cabg9	Ramus
			10	ang2cabg10	Obtuse Marginal 1
			11	ang2cabg11	Obtuse Marginal 2
			12	ang2cabg12	Obtuse Marginal 3
			13	ang2cabg13	Posterior Left Ventricular
			14	ang2cabg14	Right Ventricular Branch of Right Coronary

Early Earl			Emory ourdiovacoular Biobarik NEBC	
f. [ang2cabg(1)]="1" [ang2cabg(1)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(2)]="1" [ang2cabg(3)]="1" [ang2cabg	624	ang2cabg1	Left Main Bypass Graft	
[ang2cabg(1)]="1" [2 Asubar Niety 3 Saphenous Vein 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 4 Internal Mammary Artery 5 Radial Artery 3 Saphenous Vein 4 Internal Mammary Artery 5 Radial Artery 3 Saphenous Vein 4 Internal Mammary Artery 5 Radial Artery 5 Radial Artery 3 Saphenous Vein 4 Internal Mammary Artery 5 Radial Artery 5 Rad				
Saphenous Vein		• •		2 Radial Artery
Show the field ONLY i f. [ang2cabg(2)]="1" E26 ang2cabg3 Show the field ONLY i f. [ang2cabg(3)]="1" E27 ang2cabg(3)]="1" E28 ang2cabg4 Show the field ONLY i f. [ang2cabg(3)]="1" E28 ang2cabg4 Show the field ONLY i f. [ang2cabg(4)]="1" E29 ang2cabg5 Show the field ONLY i f. [ang2cabg(5)]="1" E29 ang2cabg5 Show the field ONLY i f. [ang2cabg(5)]="1" E29 ang2cabg6 Show the field ONLY i f. [ang2cabg(6)]="1" E29 ang2cabg6 Show the field ONLY i f. [ang2cabg(6)]="1" E29 ang2cabg6 Show the field ONLY i f. [ang2cabg(6)]="1" E30 ang2cabg7 Show the field ONLY i f. [ang2cabg(6)]="1" E31 ang2cabg(7)]="1" E32 ang2cabg7 Show the field ONLY i f. [ang2cabg(8)]="1" E33 ang2cabg8 Show the field ONLY i f. [ang2cabg(8)]="1" E34 ang2cabg8 Show the field ONLY i f. [ang2cabg(8)]="1" E35 ang2cabg8 Show the field ONLY i f. [ang2cabg(8)]="1" E36 ang2cabg9 Show the field ONLY i f. [ang2cabg(8)]="1" E37 ang2cabg9 Show the field ONLY i f. [ang2cabg(8)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E39 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E30 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E31 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E32 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E33 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E34 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E35 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E36 ang2cabg(9)]="1" E37 ang2cabg(9)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E37 ang2cabg(9)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E38 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E39 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E30 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E30 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E30 ang2cabg9 Show the field ONLY i f. [ang2cabg(9)]="1" E30 ang2cabg9 Show the field ONLY i		2. 0		3 Saphenous Vein
f: [ang2cabg(2)]="1" 626 ang2cabg3 Show the field ONLY i f: [ang2cabg4]]="1" 627 ang2cabg4 Show the field ONLY i f: [ang2cabg4]]="1" 628 ang2cabg4 Show the field ONLY i f: [ang2cabg(4)]="1" 628 ang2cabg4 Show the field ONLY i f: [ang2cabg(5)]="1" 628 ang2cabg5 Show the field ONLY i f: [ang2cabg(5)]="1" 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 632 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 633 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 634 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 635 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 636 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 637 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 638 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 639 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 630 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 633 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 634 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 635 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 636 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 637 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 638 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 639 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 630 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 633 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 644 and Artery 655 ang2cabg9 Armus Bypass Graft 657 ang2cabg9 Show the field ONLY i f: [ang2cabg(7)]="1" 658 ang2cabg9 Armus Bypass Graft 659 ang2cabg9 Armus Bypass Graft 669 ang2cabg f: [ang2cabg(7)]="1" 670 ang2cabg f: [625	ang2cabg2	Left Anterior Descending Bypass Graft	radio (Matrix)
[ang2cabg(2)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(3)]="1" [ang2cabg(4)]="1" [ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(8)]="1" [ang2cabg(8)]				1 Internal Mammary Artery
3 Saphenous Vein		• •		2 Radial Artery
Show the field ONLY i f: [ang2cabg(3)]="1" 627 ang2cabg4 Show the field ONLY i f: [ang2cabg(4)]="1" 628 ang2cabg5 Show the field ONLY i f: [ang2cabg(5)]="1" 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 631 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 632 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 633 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 644 ang2cabg(7)]="1" 655 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 657 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 658 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 659 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 650 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 651 ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" 652 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" 653 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" 654 ang2cabg(9)]="1" 655 ang2cabg(9)]="1" 657 ang2cabg(9)]="1" 668 ang2cabg(9)]="1" 669 ang2cabg(9)]="1" 670 ang2cabg(9)]="1" 671 ang2cabg(9)]="1" 672 ang2cabg(9)]="1" 673 ang2cabg(9)]="1" 674 ang2cabg(9)]="1" 675 ang2cabg(9)]="1" 675 ang2cabg(9)]="1" 677 anga2cabg(9)]="1"		[5.1.8] 53.18(1.7)		3 Saphenous Vein
f: [ang2cabg(3)]="1"	626	ang2cabg3	Left Circumflex Bypass Graft	radio (Matrix)
[ang2cabg4]="1" Asphenous Vein Asphenous Vein Asphenous Vein Figang2cabg4 Right Coronary Artery Bypass Graft Figang2cabg4 Ang2cabg4 Posterior Descending Artery Bypass Graft Figang2cabg5 Show the field ONLY if figang2cabg5]="1" Asphenous Vein Figang2cabg6]="1" Asphenous Vein Figang2cabg6 Diagonal 1 Bypass Graft Figang2cabg6]="1" Asphenous Vein Figang2cabg6]="1" Figang2cabg6]="1" Figang2cabg6]="1" Figang2cabg6]="1" Figang2cabg6 Diagonal 2 Bypass Graft Figang2cabg6]="1" Figang2cabg7 Show the field ONLY if figang2cabg6]="1" Figang2cabg7 Show the field ONLY if figang2cabg6]="1" Figang2cabg8 Septal Bypass Graft Figang2cabg8 Show the field ONLY if figang2cabg9 Ramus Bypass Graft Figang2cabg9 Ramus Bypass Graft Fadio (Matrix) Tadio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Figang2cabg9 Ramus Bypass Graft Figang2cabg9 Figang2cabg9]="1" Figang2cabg9]="1" Figang2cabg9]="1" Figang2cabg9]="1" Figang2cabg9]="1" Figang2cabg9]="1"				1 Internal Mammary Artery
3 Saphenous Vein				2 Radial Artery
Show the field ONLY i f: [ang2cabg(4)]="1" Posterior Descending Artery Bypass Graft Show the field ONLY i f: [ang2cabg(5)]="1" Posterior Descending Artery Bypass Graft Tadio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radial Artery 3 Saphenous Vein Posterior Descending Artery Bypass Graft Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radial Artery 3 Saphenous Vein Diagonal 1 Bypass Graft Ficang2cabg(6)]="1" Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) I Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein Radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Radial Artery 4 Radial Artery 4 Radial Artery 5 Radial Artery 8 Radial Artery 9 Radial Artery 9 Radial Artery 1 Radio (Matrix) 1 Internal Mammary Artery 9 Radial Artery 1 Radial Artery 9 Radial Artery 1 Radial Artery 9 Radial		[5.1.8] 5.1.8		3 Saphenous Vein
f: [ang2cabg(4)]="1" 628 ang2cabg5 Show the field ONLY i f: [ang2cabg(5)]="1" 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg(7)]="1" 632 ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" 633 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 634 ang2cabg8 Show the field ONLY i f: [ang2cabg(7)]="1" 635 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 636 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 637 ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" 638 ang2cabg8 Septal Bypass Graft 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7adio (Matrix) 1 Internal Mammary Artery 4 Radial Artery 5 Radial Artery 7 Radial Artery 8 Radial Artery 9 Radial Artery 9 Radial Artery 1 Internal Mammary Artery 1 Radial Artery 1 Radial Artery 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 3 Radial Artery	627	ang2cabg4	Right Coronary Artery Bypass Graft	radio (Matrix)
[ang2cabg(4)]="1" 2 Notation Note(s) 3 Saphenous Vein				1 Internal Mammary Artery
3 Saphenous Vein				2 Radial Artery
Show the field ONLY i f: [ang2cabg(5)]="1" 2 Radial Artery 2 Radial Artery 3 Saphenous Vein 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg8 Show the field ONLY i f: [ang2cabg8] Show the field ONLY i f: [ang2cabg9] ="1"		[09=0008()]		3 Saphenous Vein
f: [ang2cabg(5)]="1" 629 ang2cabg6 Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg8 Show the field ONLY i f: [ang2cabg8] Show the field ONLY i f: [ang2cabg9] Show the field ONLY i f: [ang2cabg9] Show the field ONLY i f: [ang2cabg9] Show the field ONLY i f: [ang2cabg9]] Show the field ONLY i f: [ang2cabg9] Show the field ONLY i	628	ang2cabg5	Posterior Descending Artery Bypass Graft	radio (Matrix)
[ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(5)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(7)]="1" [ang2cabg(8)]="1" [ang2cabg(8)]="1" [ang2cabg(8)]="1" [ang2cabg(9)]="1" [ang2cabg(9)]				1 Internal Mammary Artery
3 Saphenous Vein				2 Radial Artery
Show the field ONLY i f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg(8)]="1" 633 ang2cabg9 Show the field ONLY i f: [ang2cabg9] "1"		[01.92.60.97]		3 Saphenous Vein
f: [ang2cabg(6)]="1" 630 ang2cabg7 Show the field ONLY i f: [ang2cabg(7)]="1" 631 ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg(8)]="1" 633 ang2cabg9 Show the field ONLY i f: [ang2cabg(8)]="1" 634 ang2cabg9 Show the field ONLY i f: [ang2cabg(8)]="1" 635 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" 636 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" 637 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" 638 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1"	629	ang2cabg6	Diagonal 1 Bypass Graft	radio (Matrix)
[ang2cabg(6)]="1" [ang2cabg(6)]="1" [ang2cabg7				
3 Saphenous Vein				2 Radial Artery
Show the field ONLY i f: [ang2cabg(7)]="1" Septal Bypass Graft ang2cabg8 Show the field ONLY i f: [ang2cabg(8)]="1" Septal Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 2 Radial Artery		[01.82-60.8(0)]		3 Saphenous Vein
f: [ang2cabg(7)]="1" 631 ang2cabg8 Septal Bypass Graft 632 ang2cabg9 Show the field ONLY i f: [ang2cabg9] Show the field ONLY i f: [ang2cabg(9)]="1"	630	ang2cabg7	Diagonal 2 Bypass Graft	radio (Matrix)
[ang2cabg(7)]="1" Septal Bypass Graft Tadio (Matrix)		Show the field ONLY i		1 Internal Mammary Artery
3 Saphenous Vein				2 Radial Artery
Show the field ONLY i f: [ang2cabg(8)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg9] Show the field ONLY i f: [ang2cabg(9)]="1" Amus Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery		[411825408(7)]		3 Saphenous Vein
f: [ang2cabg(8)]="1" 632 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" Ramus Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery	631	ang2cabg8	Septal Bypass Graft	radio (Matrix)
[ang2cabg(8)]="1" Continuous Properties Continuous Properties				1 Internal Mammary Artery
632 ang2cabg9 Show the field ONLY i f: [ang2cabg(9)]="1" Ramus Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery				2 Radial Artery
Show the field ONLY i f: [ang2cabg(9)]="1" 1 Internal Mammary Artery 2 Radial Artery		[2825008(0)]		3 Saphenous Vein
f: [ang2cabg(9)]="1" Radial Artery	632	ang2cabg9	Ramus Bypass Graft	radio (Matrix)
[ang2cabg(9)]="1"		Show the field ONLY i		1 Internal Mammary Artery
3 Saphenous Vein				2 Radial Artery
		[[[]]]		3 Saphenous Vein

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633	ang2cabg10	Obtuse Marginal 1 Bypass Graft	radio (Matrix)	
	Show the field ONLY i		1 Internal Mammary Artery	
	f: [ang2cabg(10)]="1"		2 Radial Artery	
	[aligzcabg(10)]= 1		3 Saphenous Vein	
634	ang2cabg11	Obtuse Marginal 2 Bypass Graft	radio (Matrix)	
	Show the field ONLY i		1 Internal Mammary Artery	
	f: [ang2cabg(11)]="1"		2 Radial Artery	
	[81.926888(1.1)]		3 Saphenous Vein	
635	ang2cabg12	Obtuse Marginal 3 Bypass Graft	radio (Matrix)	
	Show the field ONLY i		1 Internal Mammary Artery	
	f: [ang2cabg(12)]="1"		2 Radial Artery	
	[61.19=68.58(1-2)]		3 Saphenous Vein	
636	ang2cabg13	Posterior Left Ventricular Bypass Graft	radio (Matrix)	
	Show the field ONLY i		1 Internal Mammary Artery	
	f: [ang2cabg(13)]="1"		2 Radial Artery	
	[61.1926928(19)]		3 Saphenous Vein	
637	ang2cabg14	Right Ventricular Branch of Right Coronary	radio (Matrix)	
	Show the field ONLY i	Bypass Graft	1 Internal Mammary Artery	
	f: [ang2cabg(14)]="1"		2 Radial Artery	
	[411825408(11)]		3 Saphenous Vein	
638	ang2results	Section Header: Results	radio	
	Show the field ONLY i	Test Result	0 Normal	
	f: [numangio] >= 2		1 Stenoses present	
639	ang2graf	Are graft stenoses present ?	radio	
	Show the field ONLY i		1 Yes	
	f:		0 No	
	[ang2results]="1" AND ([cabg]="1" OR [rerx			
	(2)]="1" OR [prevcabg]			
C 40	="1")	Avo In stant vector and a second	radia	
640	ang2isr	Are In-stent restenoses present?	radio 1 Yes	
	Show the field ONLY i f:		0 No	
	[ang2results]="1"			

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641	ang2sten	Stenosed Vessels	ched	kbox	
	Show the field ONLY i	Vessels without prior stents	1	ang2sten1	Left Main
	f: [ang2results]="1"		2	ang2sten2	Left Anterior Descending
			3	ang2sten3	Left Circumflex
			4	ang2sten4	Right Coronary Artery
			5	ang2sten5	Posterior Descending Artery
			6	ang2sten6	Diagonal 1
			7	ang2sten7	Diagonal 2
			8	ang2sten8	Septal
			9	ang2sten9	Ramus
			10	ang2sten10	Obtuse Marginal 1
			11	ang2sten11	Obtuse Marginal 2
			12	ang2sten12	Obtuse Marginal 3
			13	ang2sten13	Posterior Left Ventricular
			14	ang2sten14	Right Ventricular Branch of Right Coronary

642	ang2isrsten	In-Stent Restenosis Site	chec	:kbox	
	Show the field ONLY i	Vessels with prior stents	1	ang2isrsten1	Left Main
	f: [ang2isr]="1"		2	ang2isrsten2	Left Anterior Descending
			3	ang2isrsten3	Left Circumflex
			4	ang2isrsten4	Right Coronary Artery
			5	ang2isrsten5	Posterior Descending Artery
			6	ang2isrsten6	Diagonal 1
			7	ang2isrsten7	Diagonal 2
			8	ang2isrsten8	Septal
			9	ang2isrsten9	Ramus
			10	ang2isrsten10	Obtuse Marginal 1
			11	ang2isrsten11	Obtuse Marginal 2
			12	ang2isrsten12	Obtuse Marginal 3
			13	ang2isrsten13	Posterior Left Ventricular
			14	ang2isrsten14	Right Ventricular Branch of Right Coronary
643	ang2cabgsten1	Section Header: Bypass Graft Stenoses (Target Vessels)	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i	Left Main Bypass Graft			
	f: [ang2cabg(1)]>=1 AND [ang2graf]="1"				
644	ang2cabgsten2	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang2cabg(2)]>=1 AND [ang2graf]="1"				
645	ang2cabgsten3	Left Circumflex Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang2cabg(3)]>=1 AND [ang2graf]="1"				

ang2cabgsten4	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
••		
[ang2graf]="1"		
ang2cabgsten5	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
t: [ang2cabg(5)]>=1 AND		
[ang2graf]="1"		
ang2cabgsten6	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg(6)]>=1 AND [ang2graf]="1"		
ang2cabgsten7	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang2graf]="1"		
ang2cabgsten8	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang2cabg(8)]>=1 AND		
[ang2graf]="1"		
ang2cabgsten9	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang2cabg(9)]>=1 AND		
[ang2graf]="1"		
ang2cabgsten10	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg(10)]>=1 AN		
D [ang2graf]="1"		
	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg(11)]>=1 AN D [ang2graf]="1"		
ang2cabgsten12	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang2cabg(12)]>=1 AN		
	Show the field ONLY i f: [ang2cabg(4)]>=1 AND [ang2graf]="1" ang2cabgsten5 Show the field ONLY i f: [ang2cabg(5)]>=1 AND [ang2graf]="1" ang2cabgsten6 Show the field ONLY i f: [ang2cabg(6)]>=1 AND [ang2graf]="1" ang2cabgsten7 Show the field ONLY i f: [ang2cabg(7)]>=1 AND [ang2graf]="1" ang2cabgsten8 Show the field ONLY i f: [ang2cabg(8)]>=1 AND [ang2graf]="1" ang2cabgsten9 Show the field ONLY i f: [ang2cabg(9)]>=1 AND [ang2graf]="1" ang2cabgsten10 Show the field ONLY i f: [ang2cabg(10)]>=1 AND [ang2graf]="1" ang2cabgsten10 Show the field ONLY i f: [ang2cabg(10)]>=1 AND [ang2graf]="1" ang2cabgsten11 Show the field ONLY i f: [ang2cabgsten11 Show the field ONLY i f: [ang2cabgsten11 Show the field ONLY i f: [ang2cabgsten11 Show the field ONLY i f: [ang2cabgsten12 Show the field ONLY i f: [ang2cabgsten12 Show the field ONLY i f: [ang2cabgsten12	Show the field ONLY i f: [ang2cabg(4])>=1 AND [ang2graf]="1" ang2cabgsten5 Show the field ONLY i f: [ang2cabg(5)]>=1 AND [ang2graf]="1" ang2cabgsten6 Show the field ONLY i f: [ang2cabg(6)]>=1 AND [ang2graf]="1" ang2cabgsten7 Show the field ONLY i f: [ang2cabg(7)]>=1 AND [ang2graf]="1" ang2cabgsten8 Show the field ONLY i f: [ang2cabg(8)]>=1 AND [ang2graf]="1" ang2cabgsten8 Show the field ONLY i f: [ang2cabg(8)]>=1 AND [ang2graf]="1" ang2cabgsten9 Show the field ONLY i f: [ang2cabg(9)]>=1 AND [ang2graf]="1" ang2cabgsten10 Obtuse Marginal 1 Bypass Graft Show the field ONLY i f: [ang2cabg(10)]>=1 AND [ang2graf]="1" ang2cabgsten10 Obtuse Marginal 2 Bypass Graft Show the field ONLY i f: [ang2cabg(10)]>=1 AND [ang2graf]="1" ang2cabgsten11 Show the field ONLY i f: [ang2cabg(11)]>=1 AN D [ang2graf]="1" ang2cabgsten12 Show the field ONLY i f: [ang2cabg(11)]>=1 AN D [ang2graf]="1" ang2cabgsten12 Show the field ONLY i f: [ang2cabg(11)]>=1 AN D [ang2graf]="1" ang2cabgsten12 Show the field ONLY i f: [ang2cabg(12)]>=1 AN D [ang2cabg(12)]>=1 AN

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655	ang2cabgsten13	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2cabg(13)]>=1 AN		
	D [ang2graf]="1"		
656	ang2cabgsten14	Right Ventricular Branch of Right Coronary	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	Bypass Graft	
	f: [ang2cabg(14)]>=1 AN		
	D [ang2graf]="1"		
657	ang2sten1	Section Header: Stenoses	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Left Main % Stenosis	
	[ang2sten(1)]="1" or [a ng2isrsten(1)]="1"		
658	ang2sten2	Proximal (before 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	Descending % Stenosis	
	f: [ang2sten(2)]="1" or [a		
	ng2isrsten(2)]="1"		
659	ang2sten3	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Descending 70 Steriosis	
	[ang2sten(2)]="1" or [a		
	ng2isrsten(2)]="1"		
660	ang2sten4	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(2)]="1" or [a		
	ng2isrsten(2)]="1"		
661	ang2sten5	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(2)]="1" or [a		
	ng2isrsten(2)]="1"		
662	ang2sten6	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(3)]="1" or [a ng2isrsten(3)]="1"		
663	ang2sten7	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2sten(3)]="1" or [a		
	ng2isrsten(3)]="1"		

		_	
664	ang2sten8	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2sten(3)]="1" or [a		
	ng2isrsten(3)]="1"		
665	ang2sten9	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	i. [ang2sten(4)]="1" or [a		
	ng2isrsten(4)]="1"		
666	ang2sten10	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(4)]="1" or [a		
	ng2isrsten(4)]="1"		
667	ang2sten11	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(4)]="1" or [a		
	ng2isrsten(4)]="1"		
668	ang2sten12	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(4)]="1" or [a		
660	ng2isrsten(4)]="1"		
669	ang2sten13	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(5)]="1" or [a		
670	ng2isrsten(5)]="1"	Diagonal 1 % Stonesis	tout (integer Miss O May 100)
6/0	ang2sten14	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(6)]="1" or [a		
671	ng2isrsten(6)]="1"	Diagonal 2 % Stanosis	text (integer Min: 0 May: 100)
0/1	ang2sten15 Show the field ONLY i	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	f:		
	[ang2sten(7)]="1" or [a ng2isrsten(7)]="1"		
672	ang2sten16	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2sten(8)]="1" or [a		
	ng2isrsten(8)]="1"		

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673	ang2sten17	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(9)]="1" or [a ng2isrsten(9)]="1"		
674	ang2sten18	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang2sten(10)]="1" or		
	[ang2isrsten(10)]="1"		
675	ang2sten19	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(11)]="1" or [ang2isrsten(11)]="1"		
676	ang2sten20	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(12)]="1" or [ang2isrsten(12)]="1"		
677	ang2sten21	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten(13)]="1" or [ang2isrsten(13)]="1"		
678	ang2sten22	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Stenosis	
	[ang2sten(14)]="1" or [ang2isrsten(14)]="1"		
679	ang2int1	Section Header: Interventions	radio (Matrix)
	Show the field ONLY i	Left Main	0 No Intervention
	f: [ang2sten(1)]="1" or [a		1 Angioplasty
	ng2isrsten(1)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
680	ang2int2	Proximal (before 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i f:	Descending	0 No Intervention
	[ang2sten(2)]="1" or [a		1 Angioplasty 2 Bare Metal Stent
	ng2isrsten(2)]="1"		3 Drug-Eluting Stent
			S S S S S S S S S S S S S S S S S S S

_		, , , , , , , , , , , , , , , , , , ,	
681	ang2int3	Proximal (after 1st branch) Left Anterior	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang2sten(2)]="1" or [a		1 Angioplasty
	ng2isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
682	ang2int4	Mid-Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(2)]="1" or [a		1 Angioplasty
	ng2isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
683	ang2int5	Distal Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(2)]="1" or [a		1 Angioplasty
	ng2isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
684	ang2int6	Proximal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(3)]="1" or [a ng2isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
685	ang2int7	Mid-Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(3)]="1" or [a ng2isrsten(3)]="1"		2 Bare Metal Stent
	_		3 Drug-Eluting Stent
686	ang2int8	Distal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(3)]="1" or [a ng2isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
687	ang2int9	Proximal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(4)]="1" or [a ng2isrsten(4)]="1"		2 Bare Metal Stent
	5 - (/2 -		3 Drug-Eluting Stent

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688	ang2int10	Mid-Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(4)]="1" or [a		1 Angioplasty
	ng2isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
689	ang2int11	Distal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(4)]="1" or [a		1 Angioplasty
	ng2isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
690	ang2int12	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(4)]="1" or [a		1 Angioplasty
	ng2isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
691	ang2int13	Posterior Descending Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(5)]="1" or [a		1 Angioplasty
	ng2isrsten(5)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
692	ang2int14	Diagonal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(6)]="1" or [a		1 Angioplasty
	ng2isrsten(6)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
693	ang2int15	Diagonal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2ston(7)]="1" or [a		1 Angioplasty
	[ang2sten(7)]="1" or [a ng2isrsten(7)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
694	ang2int16	Septal	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(8)]="1" or [a ng2isrsten(8)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
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695	ang2int17	Ramus	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(9)]="1" or [a		1 Angioplasty
	ng2isrsten(9)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
696	ang2int18	Obtuse Marginal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(10)]="1" or [ang2isrsten(10)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
697	ang2int19	Obtuse Marginal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(11)]="1" or		1 Angioplasty
	[ang2isrsten(11)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
698	ang2int20	Obtuse Marginal 3	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(12)]="1" or [ang2isrsten(12)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
699	ang2int21	Posterior Left Ventricular	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang2sten(13)]="1" or		1 Angioplasty
	[ang2isrsten(13)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
700	ang2int22	Right Ventricular Branch of Right Coronary	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2sten(14)]="1" or [ang2isrsten(14)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
701	ang2graftint1	Left Main Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang2cabgsten1]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
			<u>'</u>

Angelgraftint Angelgraftint Show the field ONLY i for [ang2cabgsten2]>0 Left Anterior Descending Bypass Graft O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Elutin			Emory our diovaccular Biobarit (NEB c	
1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 3 D	702	ang2graftint2	Left Anterior Descending Bypass Graft	
[ang2cabgsten2]>0 [ang2cabgsten2]>0 [ang2cabgsten2]>0 [ang2graffint3] Show the field ONLY i f. [ang2cabgsten3]>0 [ang2graffint4] Show the field ONLY i f. [ang2cabgsten4]>0 [ang2cabgsten5]>0 [ang2cabgsten5]>0 [ang2cabgsten5]>0 [ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten8]>0 [a				0 No Intervention
2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 4 Angioplasty 4 Angiopl				1 Angioplasty
Angioplasty Bare Metal Stent		[41.82448854412] 0		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten3]>0 Show the field ONLY i f: [ang2cabgsten3]>0 Right Coronary Artery Bypass Graft 704 ang2graftint4 Show the field ONLY i f: [ang2cabgsten4]>0 Right Coronary Artery Bypass Graft 705 ang2graftint5 Show the field ONLY i f: [ang2cabgsten5]>0 Posterior Descending Artery Bypass Graft Show the field ONLY i f: [ang2cabgsten5]>0 Posterior Descending Artery Bypass Graft Show the field ONLY i f: [ang2cabgsten5]>0 Diagonal 1 Bypass Graft 706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 1 Bypass Graft 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 709 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 700 No Intervention 1 Angioplasty 2				3 Drug-Eluting Stent
Total content Finance	703	ang2graftint3	Left Circumflex Bypass Graft	radio (Matrix)
[ang2cabgsten3]>0 [ang2cabgsten3]>0 [ang2cabgsten3]>0 [ang2cabgsten3]>0 [ang2cabgsten4]>0 [ang2cabgsten5]>0 [ang2cabgsten5]>0 [ang2cabgsten5]>0 [ang2cabgsten5]>0 [ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten8]>0 [ang2cabgste				0 No Intervention
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704 ang2graftint4 Show the field ONLY i f:		[ung2cubgstens]* 0		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten4]>0 Show the field ONLY i f: [ang2cabgsten4]>0 Posterior Descending Artery Bypass Graft 705 ang2graftint5 Show the field ONLY i f: [ang2cabgsten5]>0 Diagonal 1 Bypass Graft 706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 1 Bypass Graft 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 709 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 709 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Tadio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 709 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 709 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent				3 Drug-Eluting Stent
f: [ang2cabgsten4]>0 ang2graftint5 Show the field ONLY i f: [ang2cabgsten5]>0 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 ang2graftint7 Show the field ONLY i f: [ang2cabgsten6]>0 ang2graftint7 Show the field ONLY i f: [ang2cabgsten6]>0 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 ang2graftint8 Show the field ONLY i f: [ang2cabgsten7]>0 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 ang2graftint8 Septal Bypass Graft ang2graftin4 Septal Bypass Graft ang2graftin4 Septal By	704	ang2graftint4	Right Coronary Artery Bypass Graft	radio (Matrix)
[ang2cabgsten4]>0 [ang2cabgsten4]>0 [ang2graftint5] Show the field ONLY i f: [ang2cabgsten5]>0 [ang2graftint6] Show the field ONLY i f: [ang2cabgsten6]>0 [ang2graftint7] Show the field ONLY i f: [ang2cabgsten6]>0 [ang2graftint7] Show the field ONLY i f: [ang2cabgsten6]>0 [ang2graftint7] Show the field ONLY i f: [ang2cabgsten7]>0 [ang2graftint8] Show the field ONLY i f: [ang2cabgsten8]>0 [ang2graftin8] Show the field ONLY i f: [ang2cabgsten8]>0 [ang2graftin8] Sagna Metal Stent field only i field only		Show the field ONLY i		0 No Intervention
2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Ste				1 Angioplasty
705 ang2graftint5 Show the field ONLY i f: [ang2cabgsten5]>0 Diagonal 1 Bypass Graft 706 Ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 2 Bypass Graft 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten7]>0 Septal Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 1 Bypass Graft 708 On Intervention 708 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 1 Bypass Graft 708 Show the field ONLY i f: [ang2cabgsten8]>0		[aligzcabgstell4]20		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten5]>0 Diagonal 1 Bypass Graft 706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 2 Bypass Graft 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Diagonal 2 Bypass Graft Fadio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang2cabgsten5]>0 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Septal Bypass Graft To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Septal Bypass Graft To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Septal Bypass Graft To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Septal Bypass Graft To ang2graftint8 Septal Bypass Graft To ang2graftint8 Septal Bypass Graft To ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 To ang2graftint8 Septal Bypass Graft T	705	ang2graftint5	Posterior Descending Artery Bypass Graft	radio (Matrix)
[ang2cabgsten5]>0 [ang2graftint6] Show the field ONLY if [ang2cabgsten6]>0 Total ang2graftint7 Show the field ONLY if [ang2cabgsten7]>0 Diagonal 2 Bypass Graft Total ang2graftint7 Show the field ONLY if [ang2cabgsten7]>0 Diagonal 2 Bypass Graft Total ang2graftint7 Show the field ONLY if [ang2cabgsten7]>0 Total ang2graftint8 Show the field ONLY if [ang2cabgsten8]>0 Septal Bypass Graft Total ang2graftint8 Show the field ONLY if [ang2cabgsten8]>0 Diagonal 2 Bypass Graft Total ang2graftint8 Show the field ONLY if [ang2cabgsten8]>0 Total ang2graftint8 Show the field ONLY if [ang2cabgsten8]>0 Total ang2graftint8 Show the field ONLY if [ang2cabgsten8]>0		Show the field ONLY i		0 No Intervention
2 Bare Metal Stent 3 Drug-Eluting Stent 706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 1 Bypass Graft Tadio (Matrix) 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft Tadio (Matrix) 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft Tadio (Matrix) 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft Tadio (Matrix) 709 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft Tadio (Matrix) 700 No Intervention Angioplasty Angiopla		f: [ang?cahgsten5]>0		1 Angioplasty
706 ang2graftint6 Show the field ONLY i f: [ang2cabgsten6]>0 Diagonal 1 Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent		[aligzcabgstell5]>0		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten6]>0 Total ang 2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft Tradio (Matrix) No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent Tadio (Matrix) No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent Total angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent Total angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent Total angioplasty 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 3 Drug-Eluting Stent Tradio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang2cabgsten6]>0 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) 2 Bare Metal Stent 3 Drug-Eluting Stent 708 radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 lang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Bare Metal Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 lang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Bare Metal Stent 1 Angioplasty 2 Bare Metal Stent	706	ang2graftint6	Diagonal 1 Bypass Graft	radio (Matrix)
[ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2cabgsten6]>0 [ang2graftint7] Show the field ONLY if [ang2cabgsten7]>0 [ang2cabgsten8]>0				0 No Intervention
2 Bare Metal Stent 3 Drug-Eluting Stent 707 ang2graftint7 Diagonal 2 Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f:				1 Angioplasty
707 ang2graftint7 Show the field ONLY i f: [ang2cabgsten7]>0 Diagonal 2 Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent		[ung2cubgsterio]* 0		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten7]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang2cabgsten7]>0 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) No Intervention 1 Angioplasty 2 Bare Metal Stent	707	ang2graftint7	Diagonal 2 Bypass Graft	radio (Matrix)
[ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten7]>0 [ang2cabgsten8]>0				0 No Intervention
708 ang2graftint8 Show the field ONLY i f: [ang2cabgsten8]>0 Septal Bypass Graft radio (Matrix) No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 2 Bare Metal Stent				1 Angioplasty
708 ang2graftint8 Septal Bypass Graft Show the field ONLY i f: [ang2cabgsten8]>0 radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent		[29268995611,1. 0		2 Bare Metal Stent
Show the field ONLY i f: [ang2cabgsten8]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang2cabgsten8]>0 1 Angioplasty 2 Bare Metal Stent	708	ang2graftint8	Septal Bypass Graft	radio (Matrix)
[ang2cabgsten8]>0 2 Bare Metal Stent		Show the field ONLY i		0 No Intervention
2 Bare Metal Stent		f: [ang2cahgsten8]>0		1 Angioplasty
3 Drug-Eluting Stent		[2.1822208366110]- 0		2 Bare Metal Stent
				3 Drug-Eluting Stent

709	ang2graftint9 Show the field ONLY i f: [ang2cabgsten9]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
710	ang2graftint10 Show the field ONLY if: [ang2cabgsten10]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
711	ang2graftint11 Show the field ONLY i f: [ang2cabgsten11]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
712	ang2graftint12 Show the field ONLY if: [ang2cabgsten12]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
713	ang2graftint13 Show the field ONLY i f: [ang2cabgsten13]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
714	ang2graftint14 Show the field ONLY if: [ang2cabgsten14]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
715	ang2outcomes Show the field ONLY i f: [numangio] >= 2	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other

716	ang2outcomesoth	Other Recommendations	note	2S	
	Show the field ONLY i f:				
717	[ang2outcomes]="5" ang3dom	Section Header: Angiogram 3 Left Heart Catheterization	radi	0	
	Show the field ONLY i	Dominant Vessel		Right Dominant	
	f:		2	Left Dominant	
	[numangio] >= 3		3	Co-Dominant	
718	ang3edp	LVEDP, mmHg	text		
	Show the field ONLY i				
	f: [numangio] >= 3				
719	ang3ef	Ejection Fraction, % (ventriculogram)	text		
	Show the field ONLY i				
	f: [numangio] >= 3				
720	ang3cabg	Section Header: Coronary Bypass Grafts	ched	kbox	
	Show the field ONLY i	Bypass Grafts Targets	1	ang3cabg1	Left Main
	f: ([cabg]="1" OR [rerx		2	ang3cabg2	Left Anterior Descending
	(2)]="1") and [numangi o] >= 3		3	ang3cabg3	Left Circumflex
			4	ang3cabg4	Right Coronary Artery
			5	ang3cabg5	Posterior Descending Artery
			6	ang3cabg6	Diagonal 1
			7	ang3cabg7	Diagonal 2
			8	ang3cabg8	Septal
			9	ang3cabg9	Ramus
			10	ang3cabg10	Obtuse Marginal 1
			11	ang3cabg11	Obtuse Marginal 2
			12	ang3cabg12	Obtuse Marginal 3
			13	ang3cabg13	Posterior Left Ventricular
			14	ang3cabg14	Right Ventricular Branch of Right Coronary

721	ang3cabg1 Show the field ONLY i f:	Left Main Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery
	[ang3cabg(1)]="1"		3 Saphenous Vein
722	ang3cabg2 Show the field ONLY i f: [ang3cabg(2)]="1"	Left Anterior Descending Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
723	ang3cabg3 Show the field ONLY i f: [ang3cabg(3)]="1"	Left Circumflex Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
724	ang3cabg4 Show the field ONLY i f: [ang3cabg(4)]="1"	Right Coronary Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
725	ang3cabg5 Show the field ONLY i f: [ang3cabg(5)]="1"	Posterior Descending Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
726	ang3cabg6 Show the field ONLY i f: [ang3cabg(6)]="1"	Diagonal 1 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
727	ang3cabg7 Show the field ONLY i f: [ang3cabg(7)]="1"	Diagonal 2 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
728	ang3cabg8 Show the field ONLY i f: [ang3cabg(8)]="1"	Septal Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein
729	ang3cabg9 Show the field ONLY i f: [ang3cabg(9)]="1"	Ramus Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein

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730	ang3cabg10 Show the field ONLY i f: [ang3cabg(10)]="1"	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery	
731	ang3cabg11 Show the field ONLY i f: [ang3cabg(11)]="1"	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery	
732	ang3cabg12 Show the field ONLY i f: [ang3cabg(12)]="1"	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
733	ang3cabg13 Show the field ONLY i f: [ang3cabg(13)]="1"	Posterior Left Ventricular Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
734	ang3cabg14 Show the field ONLY i f: [ang3cabg(14)]="1"	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
735	ang3results Show the field ONLY if: [numangio] >= 3	Section Header: <i>Results</i> Test Result	radio 0 Normal 1 Stenoses present	
736	ang3graf Show the field ONLY i f: [ang3results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1")	Are graft stenoses present?	radio 1 Yes 0 No	
737	ang3isr Show the field ONLY i f: [ang3results]="1"	Are In-stent restenoses present?	radio 1 Yes 0 No	

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738	38 ang3sten Stenosed Vessels			checkbox		
	Show the field ONLY i	Vessels without prior stents	1	ang3sten1	Left Main	
	f: [ang3results]="1"		2	ang3sten2	Left Anterior Descending	
			3	ang3sten3	Left Circumflex	
			4	ang3sten4	Right Coronary Artery	
			5	ang3sten5	Posterior Descending Artery	
			6	ang3sten6	Diagonal 1	
			7	ang3sten7	Diagonal 2	
			8	ang3sten8	Septal	
			9	ang3sten9	Ramus	
			10	ang3sten10	Obtuse Marginal 1	
			11	ang3sten11	Obtuse Marginal 2	
			12	ang3sten12	Obtuse Marginal 3	
			13	ang3sten13	Posterior Left Ventricular	
			14	ang3sten14	Right Ventricular Branch of Right Coronary	

739	ang3isrsten	In-Stent Restenosis Site	ched	kbox	
	Show the field ONLY i	Vessels with prior stents	1	ang3isrsten1	Left Main
	f: [ang3isr]="1"		2	ang3isrsten2	Left Anterior Descending
			3	ang3isrsten3	Left Circumflex
			4	ang3isrsten4	Right Coronary Artery
			5	ang3isrsten5	Posterior Descending Artery
			6	ang3isrsten6	Diagonal 1
			7	ang3isrsten7	Diagonal 2
			8	ang3isrsten8	Septal
			9	ang3isrsten9	Ramus
			10	ang3isrsten10	Obtuse Marginal 1
			11	ang3isrsten11	Obtuse Marginal 2
			12	ang3isrsten12	Obtuse Marginal 3
			13	ang3isrsten13	Posterior Left Ventricular
			14	ang3isrsten14	Right Ventricular Branch of Right Coronary
740	ang3cabgsten1	Section Header: Bypass Graft Stenoses (Target Vessels)	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i	Left Main Bypass Graft			
	f: [ang3cabg(1)]>=1 AND [ang3graf]="1"				
741	ang3cabgsten2	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang3cabg(2)]>=1 AND [ang3graf]="1"				
742	ang3cabgsten3	Left Circumflex Bypass Graft	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i				
	f: [ang3cabg(3)]>=1 AND [ang3graf]="1"				

		Emory Cardiovascular Biobank NEBC	'
743	ang3cabgsten4	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3cabg(4)]>=1 AND [ang3graf]="1"		
744	ang3cabgsten5	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang3cabg(5)]>=1 AND [ang3graf]="1"		
745	ang3cabgsten6	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang3cabg(6)]>=1 AND [ang3graf]="1"		
746	ang3cabgsten7	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	r: [ang3cabg(7)]>=1 AND [ang3graf]="1"		
747	ang3cabgsten8	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3cabg(8)]>=1 AND [ang3graf]="1"		
748	ang3cabgsten9	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3cabg(9)]>=1 AND [ang3graf]="1"		
749	ang3cabgsten10	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3cabg(10)]>=1 AN D [ang3graf]="1"		
750	ang3cabgsten11	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3cabg(11)]>=1 AN D [ang3graf]="1"		
751	ang3cabgsten12	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	r: [ang3cabg(12)]>=1 AN D [ang3graf]="1"		

752	ang3cabgsten13 Show the field ONLY i f: [ang3cabg(13)]>=1 AN	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
	D [ang3graf]="1"		
753	ang3cabgsten14 Show the field ONLY i f: [ang3cabg(14)]>=1 AN D [ang3graf]="1"	Right Ventricular Branch of Right Coronary Bypass Graft	text (integer, Min: 0, Max: 100)
754	ang3sten1 Show the field ONLY i f: [ang3sten(1)]="1" or [a ng3isrsten(1)]="1"	Section Header: Stenoses Left Main % Stenosis	text (integer, Min: 0, Max: 100)
755	ang3sten2 Show the field ONLY i f: [ang3sten(2)]="1" or [a ng3isrsten(2)]="1"	Proximal (before 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
756	ang3sten3 Show the field ONLY i f: [ang3sten(2)]="1" or [a ng3isrsten(2)]="1"	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
757	ang3sten4 Show the field ONLY i f: [ang3sten(2)]="1" or [a ng3isrsten(2)]="1"	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
758	ang3sten5 Show the field ONLY i f: [ang3sten(2)]="1" or [a ng3isrsten(2)]="1"	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
759	ang3sten6 Show the field ONLY i f: [ang3sten(3)]="1" or [a ng3isrsten(3)]="1"	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
760	ang3sten7 Show the field ONLY i f: [ang3sten(3)]="1" or [a ng3isrsten(3)]="1"	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)

		Emory Cardiovascular Biobank NEBC	
761	ang3sten8	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(3)]="1" or [a		
	ng3isrsten(3)]="1"		
762	ang3sten9	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten(4)]="1" or [a ng3isrsten(4)]="1"		
763	ang3sten10	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten(4)]="1" or [a ng3isrsten(4)]="1"		
764	ang3sten11	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(4)]="1" or [a ng3isrsten(4)]="1"		
765	ang3sten12	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten(4)]="1" or [a ng3isrsten(4)]="1"		
766	ang3sten13	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	 [ang3sten(5)]="1" or [a ng3isrsten(5)]="1"		
767	ang3sten14	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	ng3sten(6)]="1" or [a ng3isrsten(6)]="1"		
768	ang3sten15	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	n: [ang3sten(7)]="1" or [a ng3isrsten(7)]="1"		
769	ang3sten16	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(8)]="1" or [a ng3isrsten(8)]="1"		
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		Emory caracovaccular biobank NEBC	'
770	ang3sten17	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(9)]="1" or [a		
	ng3isrsten(9)]="1"		
771	ang3sten18	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(10)]="1" or		
	[ang3isrsten(10)]="1"		
772	ang3sten19	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(11)]="1" or		
	[ang3isrsten(11)]="1"		
773	ang3sten20	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten(12)]="1" or		
	[ang3isrsten(12)]="1"		
774	ang3sten21	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten(13)]="1" or [ang3isrsten(13)]="1"		
775	ang3sten22	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	Stenosis	
	f: [ang3sten(14)]="1" or		
	[ang3isrsten(14)]="1"		
776	ang3int1	Section Header: Interventions	radio (Matrix)
	Show the field ONLY i	Left Main	0 No Intervention
	f: [ang3sten(1)]="1" or [a		1 Angioplasty
	ng3isrsten(1)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
777	ang3int2	Proximal (before 1st branch) Left Anterior	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang3sten(2)]="1" or [a		1 Angioplasty
	ng3isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
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778	ang3int3	Proximal (after 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang3sten(2)]="1" or [a		1 Angioplasty
	ng3isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
779	ang3int4	Mid-Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(2)]="1" or [a		1 Angioplasty
	ng3isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
780	ang3int5	Distal Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(2)]="1" or [a		1 Angioplasty
	ng3isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
781	ang3int6	Proximal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang3sten(3)]="1" or [a ng3isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
782	ang3int7	Mid-Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang3sten(3)]="1" or [a ng3isrsten(3)]="1"		2 Bare Metal Stent
	_		3 Drug-Eluting Stent
783	ang3int8	Distal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang3sten(3)]="1" or [a ng3isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
784	ang3int9	Proximal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang3sten(4)]="1" or [a ng3isrsten(4)]="1"		2 Bare Metal Stent
	5 - (/2 -		3 Drug-Eluting Stent

		Emory cardiovaccular Biobank NEBC	•
785	ang3int10	Mid-Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(4)]="1" or [a		1 Angioplasty
	ng3isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
786	ang3int11	Distal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(4)]="1" or [a		1 Angioplasty
	ng3isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
787	ang3int12	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(4)]="1" or [a		1 Angioplasty
	ng3isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
788	ang3int13	Posterior Descending Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(5)]="1" or [a		1 Angioplasty
	ng3isrsten(5)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
789	ang3int14	Diagonal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(6)]="1" or [a		1 Angioplasty
	ng3isrsten(6)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
790	ang3int15	Diagonal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3sten(7)]="1" or [a		1 Angioplasty
	ng3isrsten(7)]="1" or [a		2 Bare Metal Stent
			3 Drug-Eluting Stent
791	ang3int16	Septal	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang3sten(8)]="1" or [a ng3isrsten(8)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
			<u> </u>

Against 17			Emory our diovaccular Biobarit (TREBO	'
1	792	ang3int17	Ramus	
[ang3ster(9)]="1" or [a ng3irster(9)]="1" or [a ng3irster(9)]="1" or [a ng3irster(10)]="1" or [ang3irster(10)]="1" or [ang3i				0 No Intervention
Angular Paragram		••		1 Angioplasty
1938 ang3int18 Show the field ONLY f. (ang3sters(10))="1" or (ang3sters(10))="1" or (ang3sters(10))="1" or (ang3sters(10))="1" or (ang3sters(11))="1" or (ang3sters(11))="1" or (ang3sters(11))="1" or (ang3sters(12))="1" or (ang3sters(13))="1" or (ang3sters(14))="1" or				2 Bare Metal Stent
Show the field ONLY if [ang3stern(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or				3 Drug-Eluting Stent
1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 3 Drug-Elu	793	ang3int18	Obtuse Marginal 1	radio (Matrix)
ang3isten(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(10)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1"		Show the field ONLY i		0 No Intervention
[ang3isrsten(10)]="1" District Show the field ONLY in [ang3isrsten(11)]="1" Obtuse Marginal 2 Color (Matrix) Olive Marginal 2 Obtuse Marginal 2 Obtuse Marginal 2 Obtuse Marginal 2 Obtuse Marginal 3 Obtuse Marginal 4 Obtuse				1 Angioplasty
794 ang3int19 Show the field ONLY i f. [ang3srsten(11)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or [ang3isr		_		2 Bare Metal Stent
Show the field ONLY in ft. [ang3sten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(11)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or [ang3isrsten(14)]=				3 Drug-Eluting Stent
1 Angioplasty 2 Bare Metal Stent	794	ang3int19	Obtuse Marginal 2	radio (Matrix)
Iang3sten(11)]="1" or Iang3isrsten(11)]="1" or Iang3isrsten(11)]="1" or Iang3isrsten(11)]="1" or Iang3isrsten(12)]="1" or Iang3isrsten(12)]="1" or Iang3isrsten(12)]="1" or Iang3isrsten(12)]="1" or Iang3isrsten(13)]="1" or Iang3isrsten(14)]="1"		Show the field ONLY i		0 No Intervention
[ang3isrsten(11)]="1" District Coronary Fallon (Matrix) District Coronary Fallon (Matrix) District Coronary Fallon (Matrix) District Coronary Posterior Left Wentricular Branch of Right Coronary Posterior Left Wentricular Posteri				1 Angioplasty
98 ang3graftint1 99 ang3int20 Show the field ONLY i f: [ang3sten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or [ang3isrsten(14)]=		_		2 Bare Metal Stent
Show the field ONLY i f: [ang3sten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or [ang3isrsten(14)]="				3 Drug-Eluting Stent
1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent Ste	795	ang3int20	Obtuse Marginal 3	radio (Matrix)
[ang3sten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(12)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1"		Show the field ONLY i		0 No Intervention
[ang3isrsten(12)]="1" Posterior Left Ventricular Posterior Left Vent		••		1 Angioplasty
796 ang3int21 Show the field ONLY i f: [ang3sten(13)]="1" or [ang3isrsten(13)]="1" or [ang3sten(14)]="1" or [ang3isrsten(14)]="1" or [ang3isrsten(_		2 Bare Metal Stent
Show the field ONLY i f: [ang3sten(13)]="1" or [ang3irsten(13)]="1" or [ang3irsten(13)]="1" 797 ang3int22 Show the field ONLY i f: [ang3sten(14)]="1" or [ang3irsten(14)]="1" or [ang3irsten(14)]="1" 798 ang3graftint1 Show the field ONLY i f: [ang3cabgsten1]>0 Angioplasty 2 Bare Metal Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 798 ang3graftint1 Show the field ONLY i f: [ang3cabgsten1]>0 Angioplasty 2 Bare Metal Stent 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 3 Drug-Eluting Stent 798 Para in angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 3 Drug-Eluting Stent 798 Para in angioplasty Para in ang				3 Drug-Eluting Stent
1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 3 Drug-Eluting Stent 3 Drug-Eluting Stent 3 Drug-Eluting Stent 5	796	ang3int21	Posterior Left Ventricular	radio (Matrix)
[ang3sten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(13)]="1" or [ang3isrsten(14)]="1" or		Show the field ONLY i		0 No Intervention
[ang3isrsten(13)]="1"				1 Angioplasty
797 ang3int22 Show the field ONLY i f: [ang3sten(14)]="1" or [ang3isrsten(14)]="1" 798 ang3graftint1 Show the field ONLY i f: [ang3cabgsten1]>0 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 70 No Intervention 1 Angioplasty 2 No Intervention 1 Angioplasty 1 Angioplasty 2 Bare Metal Stent 1 Angioplasty 2 Bare Metal Stent		_		2 Bare Metal Stent
Show the field ONLY i f: [ang3sten(14)]="1" or [ang3isrsten(14)]="1" 798 ang3graftint1 Show the field ONLY i f: [ang3cabgsten1]>0 Show the field ONLY i f: [ang3cabgsten1]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang3sten(14)]="1" or [ang3isrsten(14)]="1" 798 ang3graftint1 Show the field ONLY if: [ang3cabgsten1]>0 Left Main Bypass Graft 798 ang3graftint1 Show the field ONLY if: [ang3cabgsten1]>0 Left Main Bypass Graft 798 ang3graftint1 Show the field ONLY if: [ang3cabgsten1]>0 Angioplasty 1 Angioplasty 2 Bare Metal Stent	797	ang3int22	Right Ventricular Branch of Right Coronary	radio (Matrix)
[ang3sten(14)]="1" or [ang3isrsten(14)]="1" 798 ang3graftint1 Show the field ONLY i f: [ang3cabgsten1]>0 Left Main Bypass Graft radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 2 Bare Metal Stent 2 Bare Metal Stent		Show the field ONLY i		0 No Intervention
[ang3isrsten(14)]="1"				1 Angioplasty
798 ang3graftint1		_		2 Bare Metal Stent
Show the field ONLY i f: [ang3cabgsten1]>0 O No Intervention 1 Angioplasty 2 Bare Metal Stent				3 Drug-Eluting Stent
f: [ang3cabgsten1]>0 1 Angioplasty 2 Bare Metal Stent	798	ang3graftint1	Left Main Bypass Graft	radio (Matrix)
[ang3cabgsten1]>0 [ang3cabgsten1]>0 2 Bare Metal Stent		Show the field ONLY i		0 No Intervention
2 Bare Metal Stent		••		1 Angioplasty
3 Drug-Eluting Stent		[angstabgsterr]*0		2 Bare Metal Stent
				3 Drug-Eluting Stent

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799	ang3graftint2	Left Anterior Descending Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten2]>0		1 Angioplasty
			2 Bare Metal Stent
			3 Drug-Eluting Stent
800	ang3graftint3	Left Circumflex Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten3]>0		1 Angioplasty
	[angseabgstens] o		2 Bare Metal Stent
			3 Drug-Eluting Stent
801	ang3graftint4	Right Coronary Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten4]>0		1 Angioplasty
	[aligneaugneri+]* 0		2 Bare Metal Stent
			3 Drug-Eluting Stent
802	ang3graftint5	Posterior Descending Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten5]>0		1 Angioplasty
	[aligocabgstello]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
803	ang3graftint6	Diagonal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten6]>0		1 Angioplasty
	[angocabgsterio]* 0		2 Bare Metal Stent
			3 Drug-Eluting Stent
804	ang3graftint7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten7]>0		1 Angioplasty
	[นาเร็วเตมริงเตเท]/0		2 Bare Metal Stent
			3 Drug-Eluting Stent
805	ang3graftint8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang3cabgsten8]>0		1 Angioplasty
	[ตาหวะสมหัวเลเเอ]>ก		2 Bare Metal Stent
			3 Drug-Eluting Stent
<u> </u>		<u> </u>	

806	ang3graftint9 Show the field ONLY i f: [ang3cabgsten9]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
807	ang3graftint10 Show the field ONLY if: [ang3cabgsten10]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
808	ang3graftint11 Show the field ONLY i f: [ang3cabgsten11]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
809	ang3graftint12 Show the field ONLY if: [ang3cabgsten12]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
810	ang3graftint13 Show the field ONLY if: [ang3cabgsten13]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
811	ang3graftint14 Show the field ONLY if: [ang3cabgsten14]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
812	ang3outcomes Show the field ONLY i f: [numangio] >= 3	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other

		·	•		
813	ang3outcomesoth	Other Recommendations	note	25	
	Show the field ONLY i f:				
	[ang3outcomes]="5"				
814	ang4dom	Section Header: Angiogram 4 Left Heart Catheterization	radi	0	
	Show the field ONLY i	Dominant Vessel	-	Right Dominant	
	f: [numangio] >= 4		-	Left Dominant	
	-		3	Co-Dominant	
815	ang4edp	LVEDP, mmHg	text		
	Show the field ONLY i f:				
	[numangio] >= 4				
816	ang4ef	Ejection Fraction, % (ventriculogram)	text		
	Show the field ONLY i				
	r: [numangio] >= 4				
817	ang4cabg	Section Header: Coronary Bypass Grafts	ched	kbox	
	Show the field ONLY i	Bypass Grafts Targets	1	ang4cabg1	Left Main
	f: ([cabg]="1" OR [rerx (2)]="1") and [numangi		2	ang4cabg2	Left Anterior Descending
	o] >= 4		3	ang4cabg3	Left Circumflex
			4	ang4cabg4	Right Coronary Artery
			5	ang4cabg5	Posterior Descending Artery
			6	ang4cabg6	Diagonal 1
			7	ang4cabg7	Diagonal 2
			8	ang4cabg8	Septal
			9	ang4cabg9	Ramus
			10	ang4cabg10	Obtuse Marginal 1
			11	ang4cabg11	Obtuse Marginal 2
			12	ang4cabg12	Obtuse Marginal 3
			13	ang4cabg13	Posterior Left Ventricular
			14	ang4cabg14	Right Ventricular Branch of Right Coronary

	Tio Emory Carulovascular Blobank REDCap				
818	ang4cabg1 Show the field ONLY i f:	Left Main Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery		
	[ang4cabg(1)]="1"		3 Saphenous Vein		
819	ang4cabg2 Show the field ONLY i f: [ang4cabg(2)]="1"	Left Anterior Descending Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
820	ang4cabg3 Show the field ONLY i f: [ang4cabg(3)]="1"	Left Circumflex Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
821	ang4cabg4 Show the field ONLY i f: [ang4cabg(4)]="1"	Right Coronary Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
822	ang4cabg5 Show the field ONLY i f: [ang4cabg(5)]="1"	Posterior Descending Artery Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
823	ang4cabg6 Show the field ONLY i f: [ang4cabg(6)]="1"	Diagonal 1 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
824	ang4cabg7 Show the field ONLY i f: [ang4cabg(7)]="1"	Diagonal 2 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
825	ang4cabg8 Show the field ONLY i f: [ang4cabg(8)]="1"	Septal Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		
826	ang4cabg9 Show the field ONLY i f: [ang4cabg(9)]="1"	Ramus Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein		

72010		Emory Cardiovascular Biobank NEDC	,
827	ang4cabg10	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang4cabg(10)]="1"		2 Radial Artery
	[ang read(10)]		3 Saphenous Vein
828	ang4cabg11	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang4cabg(11)]="1"		2 Radial Artery
	[5.1.6] (5.1.7]		3 Saphenous Vein
829	ang4cabg12	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang4cabg(12)]="1"		2 Radial Artery
	[41.8 164.8(12)]		3 Saphenous Vein
830	ang4cabg13	Posterior Left Ventricular Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang4cabg(13)]="1"		2 Radial Artery
			3 Saphenous Vein
831	ang4cabg14	Right Ventricular Branch of Right Coronary	radio (Matrix)
	Show the field ONLY i	Bypass Graft	1 Internal Mammary Artery
	f: [ang4cabg(14)]="1"		2 Radial Artery
			3 Saphenous Vein
832	ang4results	Section Header: Results	radio
	Show the field ONLY i	Test Result	0 Normal
	f: [numangio] >= 4		1 Stenoses present
833	ang4graf	Are graft stenoses present ?	radio
	Show the field ONLY i	<u> </u>	1 Yes
	f:		0 No
	[ang4results]="1" AND ([cabg]="1" OR [rerx		
	(2)]="1" OR [prevcabg]		
	="1")		
834	ang4isr	Are In-stent restenoses present?	radio
	Show the field ONLY i		1 Yes
	[ang4results]="1"		0 No
			•

	Entry Gardiovassalar Biobalik (TKEBSap					
83	5 ang4sten	Vessels without prior stents	chec	kbox		
	Show the field ONLY i		1	ang4sten1	Left Main	
	f: [ang4results]="1"		2	ang4sten2	Left Anterior Descending	
			3	ang4sten3	Left Circumflex	
			4	ang4sten4	Right Coronary Artery	
			5	ang4sten5	Posterior Descending Artery	
			6	ang4sten6	Diagonal 1	
			7	ang4sten7	Diagonal 2	
			8	ang4sten8	Septal	
			9	ang4sten9	Ramus	
			10	ang4sten10	Obtuse Marginal 1	
			11	ang4sten11	Obtuse Marginal 2	
				12	ang4sten12	Obtuse Marginal
			13	ang4sten13	Posterior Left Ventricular	
			14	ang4sten14	Right Ventricular Branch of Right Coronary	

836	ang4isrsten	In-Stent Restenosis Site	chec	kbox	
	Show the field ONLY i	Vessels with prior stents	1	ang4isrsten1	Left Main
	f: [ang4isr]="1"		2	ang4isrsten2	Left Anterior Descending
			3	ang4isrsten3	Left Circumflex
			4	ang4isrsten4	Right Coronary Artery
			5	ang4isrsten5	Posterior Descending Artery
			6	ang4isrsten6	Diagonal 1
			7	ang4isrsten7	Diagonal 2
			8	ang4isrsten8	Septal
			9	ang4isrsten9	Ramus
			10	ang4isrsten10	Obtuse Marginal 1
			11	ang4isrsten11	Obtuse Marginal 2
			12	ang4isrsten12	Obtuse Marginal 3
			13	ang4isrsten13	Posterior Left Ventricular
			14	ang4isrsten14	Right Ventricular Branch of Right Coronary
837	ang4cabgsten1	Section Header: Bypass Graft Stenoses (Target Vessels)	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i	Left Main Bypass Graft			
	f: [ang4cabg(1)]>=1 AND [ang4graf]="1"				
838	ang4cabgsten2	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang4cabg(2)]>=1 AND [ang4graf]="1"				
839	ang4cabgsten3	Left Circumflex Bypass Graft	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i				
	f: [ang4cabg(3)]>=1 AND [ang4graf]="1"				

840	ang4cabgsten4	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang4cabg(4)]>=1 AND		
	[ang4graf]="1"		
841	ang4cabgsten5	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4cabg(5)]>=1 AND		
	[ang4graf]="1"		
842	ang4cabgsten6	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4cabg(6)]>=1 AND [ang4graf]="1"		
843	ang4cabgsten7	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4cabg(7)]>=1 AND		
	[ang4graf]="1"		
844	ang4cabgsten8	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang4cabg(8)]>=1 AND		
	[ang4graf]="1"		
845	ang4cabgsten9	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4cabg(9)]>=1 AND		
946	[ang4graf]="1" ang4cabgsten10	Obtuse Marginal 1 Punass Craft	tout (integer Min: 0 May: 100)
040		Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4cabg(10)]>=1 AN D [ang4graf]="1"		
847	ang4cabgsten11	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4cabg(11)]>=1 AN		
	D [ang4graf]="1"		
848	ang4cabgsten12	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	i. [ang4cabg(12)]>=1 AN D [ang4graf]="1"		

849	ang4cabgsten13 Show the field ONLY i	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
	f: [ang4cabg(13)]>=1 AN D [ang4graf]="1"		
850	ang4cabgsten14 Show the field ONLY i f: [ang4cabg(14)]>=1 AN D [ang4graf]="1"	Right Ventricular Branch of Right Coronary Bypass Graft	text (integer, Min: 0, Max: 100)
851	ang4sten1 Show the field ONLY i f: [ang4sten(1)]="1" or [a ng4isrsten(1)]="1"	Section Header: Stenoses Left Main % Stenosis	text (integer, Min: 0, Max: 100)
852	ang4sten2 Show the field ONLY i f: [ang4sten(2)]="1" or [a ng4isrsten(2)]="1"	Proximal (before 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
853	ang4sten3 Show the field ONLY i f: [ang4sten(2)]="1" or [a ng4isrsten(2)]="1"	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
854	ang4sten4 Show the field ONLY i f: [ang4sten(2)]="1" or [a ng4isrsten(2)]="1"	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
855	ang4sten5 Show the field ONLY i f: [ang4sten(2)]="1" or [a ng4isrsten(2)]="1"	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
856	ang4sten6 Show the field ONLY i f: [ang4sten(3)]="1" or [a ng4isrsten(3)]="1"	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
857	ang4sten7 Show the field ONLY i f: [ang4sten(3)]="1" or [a ng4isrsten(3)]="1"	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)

858	ang4sten8	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4sten(3)]="1" or [a		
	ng4isrsten(3)]="1"		
859	ang4sten9	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten(4)]="1" or [a		
	ng4isrsten(4)]="1"		
860	ang4sten10	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten(4)]="1" or [a ng4isrsten(4)]="1"		
861	ang4sten11	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4sten(4)]="1" or [a		
	ng4isrsten(4)]="1"		
862	ang4sten12	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten(4)]="1" or [a		
	ng4isrsten(4)]="1"		
863	ang4sten13	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten(5)]="1" or [a		
	ng4isrsten(5)]="1"		
864	ang4sten14	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten(6)]="1" or [a ng4isrsten(6)]="1"		
865	ang4sten15	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		_
	f: [ang/stop(7)]="1" or [a		
	[ang4sten(7)]="1" or [a ng4isrsten(7)]="1"		
866	ang4sten16	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4sten(8)]="1" or [a		
	ng4isrsten(8)]="1"		

	Ellibry Caldiovascular Biobalik NEDCap				
867	ang4sten17 Show the field ONLY i f: [ang4sten(9)]="1" or [a	Ramus % Stenosis	text (integer, Min: 0, Max: 100)		
868	ng4isrsten(9)]="1" ang4sten18 Show the field ONLY if: [ang4sten(10)]="1" or [ang4isrsten(10)]="1"	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)		
869	ang4sten19 Show the field ONLY i f: [ang4sten(11)]="1" or [ang4isrsten(11)]="1"	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)		
870	ang4sten20 Show the field ONLY i f: [ang4sten(12)]="1" or [ang4isrsten(12)]="1"	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)		
871	ang4sten21 Show the field ONLY i f: [ang4sten(13)]="1" or [ang4isrsten(13)]="1"	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)		
872	ang4sten22 Show the field ONLY i f: [ang4sten(14)]="1" or [ang4isrsten(14)]="1"	Right Ventricular Branch of Right Coronary % Stenosis	text (integer, Min: 0, Max: 100)		
873	ang4int1 Show the field ONLY i f: [ang4sten(1)]="1" or [a ng4isrsten(1)]="1"	Section Header: <i>Interventions</i> Left Main	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent		
874	ang4int2 Show the field ONLY i f: [ang4sten(2)]="1" or [a ng4isrsten(2)]="1"	Proximal (before 1st branch) Left Anterior Descending	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent		

	The first of the f			
875	ang4int3	Proximal (after 1st branch) Left Anterior Descending	radio (Matrix)	
	Show the field ONLY i	Descending	0 No Intervention	
	f: [ang4sten(2)]="1" or [a		1 Angioplasty	
	ng4isrsten(2)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
876	ang4int4	Mid-Left Anterior Descending	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f: [ang4sten(2)]="1" or [a		1 Angioplasty	
	ng4isrsten(2)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
877	ang4int5	Distal Left Anterior Descending	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f: [ang/stop(2)]="1" or [a		1 Angioplasty	
	[ang4sten(2)]="1" or [a ng4isrsten(2)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
878	ang4int6	Proximal Left Circumflex	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f: [ang4sten(3)]="1" or [a		1 Angioplasty	
	ng4isrsten(3)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
879	ang4int7	Mid-Left Circumflex	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f: [ang4sten(3)]="1" or [a		1 Angioplasty	
	ng4isrsten(3)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
880	ang4int8	Distal Left Circumflex	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f:		1 Angioplasty	
	[ang4sten(3)]="1" or [a ng4isrsten(3)]="1"		2 Bare Metal Stent	
			3 Drug-Eluting Stent	
881	ang4int9	Proximal Right Coronary Artery	radio (Matrix)	
	Show the field ONLY i		0 No Intervention	
	f:		1 Angioplasty	
	[ang4sten(4)]="1" or [a ng4isrsten(4)]="1"		2 Bare Metal Stent	
	- · · ·		3 Drug-Eluting Stent	

882	ang4int10	Mid-Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(4)]="1" or [a		1 Angioplasty
	ng4isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
883	ang4int11	Distal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(4)]="1" or [a		1 Angioplasty
	ng4isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
884	ang4int12	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang4sten(4)]="1" or [a ng4isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
885	ang4int13	Posterior Descending Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang4sten(5)]="1" or [a ng4isrsten(5)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
886	ang4int14	Diagonal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang4sten(6)]="1" or [a ng4isrsten(6)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
887	ang4int15	Diagonal 2	radio (Matrix)
	Show the field ONLY i	-	0 No Intervention
	f:		1 Angioplasty
	[ang4sten(7)]="1" or [a ng4isrsten(7)]="1"		2 Bare Metal Stent
	5 - (7		3 Drug-Eluting Stent
888	ang4int16	Septal	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang4sten(8)]="1" or [a ng4isrsten(8)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent

		T	T
889	ang4int17	Ramus	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(9)]="1" or [a		1 Angioplasty
	ng4isrsten(9)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
890	ang4int18	Obtuse Marginal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(10)]="1" or		1 Angioplasty
	[ang4isrsten(10)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
891	ang4int19	Obtuse Marginal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(11)]="1" or		1 Angioplasty
	[ang4isrsten(11)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
892	ang4int20	Obtuse Marginal 3	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(12)]="1" or		1 Angioplasty
	[ang4isrsten(12)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
893	ang4int21	Posterior Left Ventricular	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(13)]="1" or		1 Angioplasty
	[ang4isrsten(13)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
894	ang4int22	Right Ventricular Branch of Right Coronary	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4sten(14)]="1" or		1 Angioplasty
	[ang4isrsten(14)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
895	ang4graftint1	Left Main Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten1]>0		1 Angioplasty
	[uiig4cabg3(CIII]/U		2 Bare Metal Stent
			3 Drug-Eluting Stent
	i	I	<u> </u>

896	ang4graftint2	Left Anterior Descending Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten2]>0		1 Angioplasty
	[ang readgatem2]. o		2 Bare Metal Stent
			3 Drug-Eluting Stent
897	ang4graftint3	Left Circumflex Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten3]>0		1 Angioplasty
	[ang-cabgstens]* 0		2 Bare Metal Stent
			3 Drug-Eluting Stent
898	ang4graftint4	Right Coronary Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten4]>0		1 Angioplasty
	[aligheabgsterih]* 0		2 Bare Metal Stent
			3 Drug-Eluting Stent
899	ang4graftint5	Posterior Descending Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten5]>0		1 Angioplasty
	[ang readfacena] o		2 Bare Metal Stent
			3 Drug-Eluting Stent
900	ang4graftint6	Diagonal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten6]>0		1 Angioplasty
	[ang readjaterio] o		2 Bare Metal Stent
			3 Drug-Eluting Stent
901	ang4graftint7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten7]>0		1 Angioplasty
	[2 Bare Metal Stent
			3 Drug-Eluting Stent
902	ang4graftint8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang4cabgsten8]>0		1 Angioplasty
	[29 (68282(6))0]. 0		2 Bare Metal Stent
			3 Drug-Eluting Stent

903 ang/agraftint19 Show the field ONLY i f. [ang4cabgsten9]>0 Obtuse Marginal 1 Bypass Graft 904 ang/agraftint10 Show the field ONLY i f. [ang4cabgsten10]>0 Obtuse Marginal 1 Bypass Graft 905 ang/agraftint11 Show the field ONLY i f. [ang4cabgsten11]>0 Obtuse Marginal 2 Bypass Graft 906 ang/agraftint12 Show the field ONLY i f. [ang4cabgsten11]>0 Obtuse Marginal 3 Bypass Graft 906 ang/agraftint12 Show the field ONLY i f. [ang4cabgsten12]>0 Obtuse Marginal 3 Bypass Graft 907 ang/agraftint12 Show the field ONLY i f. [ang4cabgsten12]>0 Obtuse Marginal 3 Bypass Graft 908 ang/agraftint13 Show the field ONLY i f. [ang4cabgsten13]>0 Posterior Left Ventricular Bypass Graft 908 ang/agraftint14 Show the field ONLY i f. [ang4cabgsten14]>0 Right Ventricular Branch of Right Coronary Bypass Graft 909 ang/agraftint14 Show the field ONLY i f. [ang/acabgsten14]>0 Right Ventricular Branch of Right Coronary Bypass Graft 909 ang/agraftint14 Show the field ONLY i f. [ang/acabgsten14]>0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 908 ang/agraftint14 Show the field ONLY i f. [ang/acabgsten14]>0 Right Ventricular Branch of Right Coronary Bypass Graft 909 ang/agraftint14 Show the field ONLY i f. [ang/acabgsten14]>0 Interventionalist's Recommendation I Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent	,2010	Emily Gardiovascular Biobank (The Bodg)			
f: [ang4cabgsten9]>0 ang4graftint10 Show the field ONLY i f: [ang4cabgsten10]>0 ang4graftint11 Show the field ONLY i f: [ang4cabgsten10]>0 but se Marginal 1 Bypass Graft Obtuse Marginal 2 Bypass Graft obtuse Marginal 3 Bypass Graft Figure 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) O No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) D No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) D No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) D No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix) 2 Bare Metal Stent 3 Drug-Eluting Stent	903	ang4graftint9	Ramus Bypass Graft		
[ang4cabgsten9]>0 [ang4cabgsten9]>0 [ang4cabgsten9]>0 [ang4graftint10 Show the field ONLY i f. [ang4cabgsten10]>0 [ang4cabgsten10]>0 [ang4cabgsten10]>0 [ang4cabgsten10]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten13]>0 [ang4ca				0 No Intervention	
2 Bare Metal Stent 3 Drug-Eluting Stent 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent 3 D		• •		1 Angioplasty	
904 ang/agraftint10 Show the field ONLY i f: [lang/acabgsten10]>0 3		[em.B. comBergers]		2 Bare Metal Stent	
Show the field ONLY i f:				3 Drug-Eluting Stent	
f: [ang4cabgsten10]>0 ang4graftint11 Show the field ONLY i f: [ang4cabgsten11]>0 butuse Marginal 2 Bypass Graft Obtuse Marginal 2 Bypass Graft adio (Matrix) No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent	904	ang4graftint10	Obtuse Marginal 1 Bypass Graft	radio (Matrix)	
[ang4cabgsten10]>0 [ang4cabgsten10]>0 [ang4cabgsten10]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten11]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten12]>0 [ang4cabgsten13]>0 [ang4c				0 No Intervention	
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[ang4cabgsten14]>0 [ang4c		Show the field ONLY i	Bypass Graft	0 No Intervention	
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909 ang4outcomes Interventionalist's Recommendation Show the field ONLY i f: [numangio] >= 4 Interventionalist's Recommendation radio 1 Medical Management 2 Stent		[aiig4cabgstei114]>0		2 Bare Metal Stent	
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f: [numangio] >= 4	909	ang4outcomes	Interventionalist's Recommendation	radio	
[numangio] >= 4		Show the field ONLY i		1 Medical Management	
3 Angioplasty		• •		2 Stent	
		[Humang10] /- 4		3 Angioplasty	
4 Surgery				4 Surgery	
5 Other				5 Other	

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910	ang4outcomesoth	Other Recommendations	note	?S	
	Show the field ONLY i				
	f: [ang4outcomes]="5"				
911	ang5dom	Section Header: Angiogram 5 Left Heart Catheterization	radi	0	
	Show the field ONLY i	Dominant Vessel	1	Right Dominant	
	f:		2	Left Dominant	
	[numangio] >= 5		3	Co-Dominant	
912	ang5edp	LVEDP, mmHg	text		
	Show the field ONLY i				
	f: [numangio] >= 5				
913	ang5ef	Ejection Fraction, % (ventriculogram)	text		
	Show the field ONLY i	J			
	f:				
	[numangio] >= 5				
914	ang5cabg	Section Header: <i>Coronary Bypass Grafts</i> Bypass Grafts Targets	ched 1	kbox	Left Main
	Show the field ONLY i f:	bypass draits raigets	2	ang5cabg1	
	([cabg]="1" OR [rerx (2)]="1") and [numangi		2	ang5cabg2	Left Anterior Descending
	o] >= 5		3	ang5cabg3	Left Circumflex
			4	ang5cabg4	Right Coronary Artery
			5	ang5cabg5	Posterior Descending Artery
			6	ang5cabg6	Diagonal 1
			7	ang5cabg7	Diagonal 2
			8	ang5cabg8	Septal
			9	ang5cabg9	Ramus
			10	ang5cabg10	Obtuse Marginal 1
			11	ang5cabg11	Obtuse Marginal 2
			12	ang5cabg12	Obtuse Marginal
			13	ang5cabg13	Posterior Left Ventricular
			14	ang5cabg14	Right Ventricular Branch of Right Coronary

915	ang5cabg1 Show the field ONLY i	Left Main Bypass Graft	radio (Matrix) 1 Internal Mammary Artery
	f:		2 Radial Artery
	[ang5cabg(1)]="1"		3 Saphenous Vein
916	ang5cabg2	Left Anterior Descending Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f:		2 Radial Artery
	[ang5cabg(2)]="1"		3 Saphenous Vein
917	ang5cabg3	Left Circumflex Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(3)]="1"		2 Radial Artery
	[angocabg(3)]= 1		3 Saphenous Vein
918	ang5cabg4	Right Coronary Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(4)]="1"		2 Radial Artery
	[aligocabg(4)]= 1		3 Saphenous Vein
919	ang5cabg5	Posterior Descending Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(5)]="1"		2 Radial Artery
	[arigocabg(5)]= 1		3 Saphenous Vein
920	ang5cabg6	Diagonal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(6)]="1"		2 Radial Artery
	[aligocabg(0)]= 1		3 Saphenous Vein
921	ang5cabg7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(7)]="1"		2 Radial Artery
	[aligocabg(7)]= 1		3 Saphenous Vein
922	ang5cabg8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(8)]="1"		2 Radial Artery
			3 Saphenous Vein
923	ang5cabg9	Ramus Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg(9)]="1"		2 Radial Artery
	[611826908(3)]- 1		3 Saphenous Vein
<u> </u>		ļ	

924 angScabg10 Obtuse Marginal 1 Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 2 Radial Artery 3 Saphenous Vein 3 Saphenous Vein 2 Radial Artery 3 Saphenous Vein 3 Saphenous Vein 3 Saphenous Vein 4 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 4 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 926 angScabg12 Obtuse Marginal 3 Bypass Graft 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 927 angScabg12 Show the field ONLY i f. (angScabg12)="1" Posterior Left Ventricular Bypass Graft 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 928 angScabg13]="1" Posterior Left Ventricular Bypass Graft 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 928 angScabg14 Show the field ONLY i f. (angScabg14)="1" Right Ventricular Branch of Right Coronary Padial Artery 3 Saphenous Vein 929 angScabg14 Show the field ONLY i f. (angScabg14)="1" Fat Result Fat Result 9 Normal 1 Stenoses present 930 angSgraf Show the field ONLY i f. (angScabg14)="1" AND ((cabg1="1" OR [rerx (2)]="1" OR [rerx (2)]="	72010	Emory Cardiovascular Blobank NEBCap			
f. [angScabg110]="1" 2 Radial Artery 3 Saphenous Vein	924	ang5cabg10	Obtuse Marginal 1 Bypass Graft	radio (Matrix)	
[ang5cabg(10)]="1" 2 Adult Artery 3 Saphenous Vein		Show the field ONLY i		1 Internal Mammary Artery	
angScabg11 Show the field ONLY i f: [angScabg(11)]="1" Dobtuse Marginal 2 Bypass Graft Tadio (Matrix) Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Ma		••		2 Radial Artery	
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f: [angScabg(11)]="1"	925	ang5cabg11	Obtuse Marginal 2 Bypass Graft	radio (Matrix)	
[angScabg(11)]="1" 2 Nadid Alexey 3 3 3 3 3 3 3 3 3				1 Internal Mammary Artery	
3 Saphenous Vein		••		2 Radial Artery	
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[ang5cabg(12)]="1" 2 Nadial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 2 Radial Artery 3 Saphenous Vein 3 Saphenous Vein 3 Saphenous Vein 4 Show the field ONLY i fr. [ang5cabg(14)]="1" 8 Section Header: Results 7 Result				1 Internal Mammary Artery	
3 Saphenous Vein				2 Radial Artery	
Show the field ONLY i f: [ang5cabg(13)]="1" 2 Radial Artery 3 Saphenous Vein 928 ang5cabg14 Show the field ONLY i f: [ang5cabg(14)]="1" 3 Saphenous Vein 929 ang5results Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" Are graft stenoses present? Are graft stenoses present? 931 ang5isr Show the field ONLY i f: [ang5cabg(14)]="1" AND [(cabg]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: [Show the field ONLY i f: [[aligocabg(12)]		3 Saphenous Vein	
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[ang5cabg(13)]="1" 2 Riddin Artery 3 Saphenous Vein 928 ang5cabg14 Show the field ONLY i f: [ang5cabg(14)]="1" 929 ang5results Section Header: Results 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 929 ang5results Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: Show the field ONLY i f: 932 Show the field ONLY i f: [ang5results]="1" AND ([results]="1" OR [rerx (2)]="1" OR [prevcabg] ="1" OR [1 Internal Mammary Artery	
928 ang5cabg14 Show the field ONLY i f: [ang5cabg(14)]="1" 929 ang5results Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ((cabg]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: Show the field ONLY i f: Show the field ONLY i f: [ang5results]="1" AND ((cabg]="1" OR [prevcabg] ="1") Are In-stent restenoses present? [ang5results] [ang5results]="1" Are In-stent restenoses present? [ang5results]="1" Are In-stent re				2 Radial Artery	
Show the field ONLY i f: [ang5cabg(14)]="1" 929 ang5results Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [prevcabg] ="1") Are In-stent restenoses present? 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 0 Normal 1 Stenoses present 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 0 Normal 1 Stenoses present 1 Yes 0 No		[a83ca28(13)]		3 Saphenous Vein	
Show the field ONLY i f: [ang5cabg(14)]="1" 929 ang5results Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: [Are In-stent restenoses present?] Paralio I radio I Yes O No I Yes O No	928	ang5cabg14		radio (Matrix)	
[ang5cabg(14)]="1" [ang6cabg(14)]="1" [ang6c			Bypass Graft	1 Internal Mammary Artery	
3 Saphenous Vein 929 ang5results Show the field ONLY i f:				2 Radial Artery	
Show the field ONLY i f: [numangio] >= 5 930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: [Show the field ONLY i f: [O Normal 1 Stenoses present radio 1 Yes 0 No radio 1 Yes 0 No		[411836408(11)]		3 Saphenous Vein	
Show the field ONLY	929	ang5results	Section Header: Results	radio	
[numangio] >= 5 930 ang5graf			Test Result		
930 ang5graf Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: Show the field ONLY i f: 0 No radio 1 Yes 0 No				1 Stenoses present	
Show the field ONLY i f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1") 931 ang5isr Show the field ONLY i f: Are In-stent restenoses present? Tadio 1 Yes 0 No 1 Yes 0 No	930		Are graft stenoses present ?	radio	
f: [ang5results]="1" AND ([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr Show the field ONLY i f: O No radio 1 Yes 0 No				1 Yes	
([cabg]="1" OR [rerx (2)]="1" OR [prevcabg] ="1") 931 ang5isr		f:		0 No	
(2)]="1" OR [prevcabg] ="1") 931 ang5isr					
931 ang5isr Are In-stent restenoses present? radio Show the field ONLY i f: radio 1 Yes 0 No		(2)]="1" OR [prevcabg]			
Show the field ONLY i f:	024	-	Avo In stant vector ages 5 3 2 2	radia	
f: 0 No	931	_	Are in-stent restenoses present?		
[ang5results]="1"					
		[ang5results]="1"			

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932	ang5sten	ang5sten Stenosed Vessels Vessels without prior stents	chec	checkbox		
	Show the field ONLY i		1	ang5sten1	Left Main	
	f: [ang5results]="1"		2	ang5sten2	Left Anterior Descending	
			3	ang5sten3	Left Circumflex	
			4	ang5sten4	Right Coronary Artery	
			5	ang5sten5	Posterior Descending Artery	
			6	ang5sten6	Diagonal 1	
			7	ang5sten7	Diagonal 2	
			8	ang5sten8	Septal	
			9	ang5sten9	Ramus	
			10	ang5sten10	Obtuse Marginal 1	
			11	ang5sten11	Obtuse Marginal 2	
			12	ang5sten12	Obtuse Marginal	
			13	ang5sten13	Posterior Left Ventricular	
			14	ang5sten14	Right Ventricular Branch of Right Coronary	

933	ang5isrsten	In-Stent Restenosis Site	ched	kbox	
	Show the field ONLY i	Vessels with prior stents	1	ang5isrsten1	Left Main
	f: [ang5isr]="1"		2	ang5isrsten2	Left Anterior Descending
			3	ang5isrsten3	Left Circumflex
			4	ang5isrsten4	Right Coronary Artery
			5	ang5isrsten5	Posterior Descending Artery
			6	ang5isrsten6	Diagonal 1
			7	ang5isrsten7	Diagonal 2
			8	ang5isrsten8	Septal
			9	ang5isrsten9	Ramus
			10	ang5isrsten10	Obtuse Marginal 1
			11	ang5isrsten11	Obtuse Marginal 2
			12	ang5isrsten12	Obtuse Marginal 3
			13	ang5isrsten13	Posterior Left Ventricular
			14	ang5isrsten14	Right Ventricular Branch of Right Coronary
934	ang5cabgsten1	Section Header: Bypass Graft Stenoses (Target Vessels)	text	(integer, Min: 0, Ma	x: 100)
	Show the field ONLY i	Left Main Bypass Graft			
	f: [ang5cabg(1)]>=1 AND [ang5graf]="1"				
935	ang5cabgsten2	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang5cabg(2)]>=1 AND [ang5graf]="1"				
936	ang5cabgsten3	Left Circumflex Bypass Graft	text	(integer, Min: 0, Ma	nx: 100)
	Show the field ONLY i				
	f: [ang5cabg(3)]>=1 AND [ang5graf]="1"				

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937	ang5cabgsten4	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5cabg(4)]>=1 AND [ang5graf]="1"		
938	ang5cabgsten5	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang5cabg(5)]>=1 AND [ang5graf]="1"		
939	ang5cabgsten6	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
333	Show the field ONLY i	Siagonal 1 Sypuss Grant	text (integer) mini of maxi 100)
	f: [ang5cabg(6)]>=1 AND [ang5graf]="1"		
940	ang5cabgsten7	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5cabg(7)]>=1 AND [ang5graf]="1"		
941	ang5cabgsten8	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY if:		
	[ang5cabg(8)]>=1 AND [ang5graf]="1"		
942	ang5cabgsten9	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5cabg(9)]>=1 AND [ang5graf]="1"		
943	ang5cabgsten10	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5cabg(10)]>=1 AN D [ang5graf]="1"		
944	ang5cabgsten11	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5cabg(11)]>=1 AN D [ang5graf]="1"		
945	ang5cabgsten12	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5cabg(12)]>=1 AN D [ang5graf]="1"		

		Emory Cardiovascular Biobank NEBC	•
946	ang5cabgsten13	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5cabg(13)]>=1 AN		
	D [ang5graf]="1"		
947	ang5cabgsten14	Right Ventricular Branch of Right Coronary	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	Bypass Graft	
	f: [ang5cabg(14)]>=1 AN		
	D [ang5graf]="1"		
948	ang5sten1	Section Header: Stenoses	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Left Main % Stenosis	
	[ang5sten(1)]="1" or [a ng5isrsten(1)]="1"		
949	ang5sten2	Proximal (before 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	Descending % Stenosis	
	f: [2ng5ston(2)]="1" or [2		
	[ang5sten(2)]="1" or [a ng5isrsten(2)]="1"		
950	ang5sten3	Proximal (after 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Descending % Stenosis	
	τ: [ang5sten(2)]="1" or [a		
	ng5isrsten(2)]="1"		
951	ang5sten4	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(2)]="1" or [a		
1	ng5isrsten(2)]="1"		
952	ang5sten5	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(2)]="1" or [a		
	ng5isrsten(2)]="1"		
	ang5sten6	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(3)]="1" or [a ng5isrsten(3)]="1"		
954	ang5sten7	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5sten(3)]="1" or [a		
	ng5isrsten(3)]="1"		

955	ang5sten8	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	r: [ang5sten(3)]="1" or [a		
	ng5isrsten(3)]="1"		
956	ang5sten9	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(4)]="1" or [a		
	ng5isrsten(4)]="1"		
957	ang5sten10	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(4)]="1" or [a ng5isrsten(4)]="1"		
958	ang5sten11	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5sten(4)]="1" or [a		
	ng5isrsten(4)]="1"		
959	ang5sten12	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang5sten(4)]="1" or [a		
	ng5isrsten(4)]="1"		
960	ang5sten13	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(5)]="1" or [a		
0.01	ng5isrsten(5)]="1"	Diagonal 1 % Stonesis	tout (integer Min. 0. May 100)
961	ang5sten14	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(6)]="1" or [a ng5isrsten(6)]="1"		
962	ang5sten15	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5sten(7)]="1" or [a ng5isrsten(7)]="1"		
963	ang5sten16	Septal % Stenosis	text (integer, Min: 0, Max: 100)
700	Show the field ONLY i	3 cepta. 70 steriosis	text (integer, min. o, max. 100)
	f:		
	[ang5sten(8)]="1" or [a ng5isrsten(8)]="1"		
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964	ang5sten17	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(9)]="1" or [a ng5isrsten(9)]="1"		
965	ang5sten18	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY if:		
	[ang5sten(10)]="1" or [ang5isrsten(10)]="1"		
966	ang5sten19	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(11)]="1" or [ang5isrsten(11)]="1"		
967	ang5sten20	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(12)]="1" or [ang5isrsten(12)]="1"		
968	ang5sten21	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten(13)]="1" or [ang5isrsten(13)]="1"		
969	ang5sten22	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:	Stenosis	
	[ang5sten(14)]="1" or [ang5isrsten(14)]="1"		
970	ang5int1	Section Header: Interventions	radio (Matrix)
	Show the field ONLY i	Left Main	0 No Intervention
	f: [ang5sten(1)]="1" or [a		1 Angioplasty
	ng5isrsten(1)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
971	ang5int2	Proximal (before 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i f:	Descending	0 No Intervention
	[ang5sten(2)]="1" or [a		1 Angioplasty
	ng5isrsten(2)]="1"		2 Bare Metal Stent 3 Drug-Eluting Stent
			3 Drug-Eluting Stent

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972	ang5int3	Proximal (after 1st branch) Left Anterior Descending	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang5sten(2)]="1" or [a		1 Angioplasty
	ng5isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
973	ang5int4	Mid-Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(2)]="1" or [a		1 Angioplasty
	ng5isrsten(2)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
974	ang5int5	Distal Left Anterior Descending	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(2)]="1" or [a ng5isrsten(2)]="1"		2 Bare Metal Stent
	_		3 Drug-Eluting Stent
975	ang5int6	Proximal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(3)]="1" or [a ng5isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
976	ang5int7	Mid-Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(3)]="1" or [a ng5isrsten(3)]="1"		2 Bare Metal Stent
	0 (2		3 Drug-Eluting Stent
977	ang5int8	Distal Left Circumflex	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(3)]="1" or [a ng5isrsten(3)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
978	ang5int9	Proximal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(4)]="1" or [a ng5isrsten(4)]="1"		2 Bare Metal Stent
	11821313(C11(4)]- 1		3 Drug-Eluting Stent

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979	ang5int10	Mid-Right Coronary Artery	radio (Matrix) 0 No Intervention
	Show the field ONLY i f:		1 Angioplasty
	[ang5sten(4)]="1" or [a		2 Bare Metal Stent
	ng5isrsten(4)]="1"		3 Drug-Eluting Stent
980	ang5int11	Distal Right Coronary Artery	radio (Matrix)
	Show the field ONLY i f:		0 No Intervention
	[ang5sten(4)]="1" or [a		1 Angioplasty
	ng5isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
981	ang5int12	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
	Show the field ONLY i f:		0 No Intervention
	[ang5sten(4)]="1" or [a		1 Angioplasty
	ng5isrsten(4)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
982	ang5int13	Posterior Descending Artery	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	i: [ang5sten(5)]="1" or [a		1 Angioplasty
	ng5isrsten(5)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
983	ang5int14	Diagonal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(6)]="1" or [a		1 Angioplasty
	ng5isrsten(6)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
984	ang5int15	Diagonal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(7)]="1" or [a		1 Angioplasty
	ng5isrsten(7)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
985	ang5int16	Septal	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(8)]="1" or [a		1 Angioplasty
	ng5isrsten(8)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
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986	ang5int17	Ramus	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(9)]="1" or [a		1 Angioplasty
	ng5isrsten(9)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
987	ang5int18	Obtuse Marginal 1	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(10)]="1" or		1 Angioplasty
	[ang5isrsten(10)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
988	ang5int19	Obtuse Marginal 2	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(11)]="1" or		1 Angioplasty
	[ang5isrsten(11)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
989	ang5int20	Obtuse Marginal 3	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(12)]="1" or		1 Angioplasty
	[ang5isrsten(12)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
990	ang5int21	Posterior Left Ventricular	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5sten(13)]="1" or		1 Angioplasty
	[ang5isrsten(13)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
991	ang5int22	Right Ventricular Branch of Right Coronary	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5sten(14)]="1" or [ang5isrsten(14)]="1"		2 Bare Metal Stent
			3 Drug-Eluting Stent
992	ang5graftint1	Left Main Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5cabgsten1]>0		1 Angioplasty
	[ตาหวะสมหัวเคมา]/ก		2 Bare Metal Stent
			3 Drug-Eluting Stent
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993	ang5graftint2	Left Anterior Descending Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f: [ang5cabgsten2]>0		1 Angioplasty
	[angocabgsten2]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
994	ang5graftint3	Left Circumflex Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten3]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
995	ang5graftint4	Right Coronary Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten4]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
996	ang5graftint5	Posterior Descending Artery Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten5]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
997	ang5graftint6	Diagonal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten6]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
998	ang5graftint7	Diagonal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten7]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
999	ang5graftint8	Septal Bypass Graft	radio (Matrix)
	Show the field ONLY i		0 No Intervention
	f:		1 Angioplasty
	[ang5cabgsten8]>0		2 Bare Metal Stent
			3 Drug-Eluting Stent
	<u> </u>	<u>L</u>	<u></u>

1000 5 61 10	D D C (1: (8.4
1000ang5graftint9 Show the field ONLY if: [ang5cabgsten9]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1001ang5graftint10 Show the field ONLY if: [ang5cabgsten10]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1002ang5graftint11 Show the field ONLY if: [ang5cabgsten11]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1003ang5graftint12 Show the field ONLY i f: [ang5cabgsten12]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1004ang5graftint13 Show the field ONLY if: [ang5cabgsten13]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1005ang5graftint14 Show the field ONLY if: [ang5cabgsten14]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1006ang5outcomes Show the field ONLY if: [numangio] >= 5	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other

		,	'
S f:	ng5outcomesoth how the field ONLY i : ang5outcomes]="5"	Other Recommendations	notes
	ngiogram_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete
Instru	ument: Angiogram	Follow-up (followup_angiogram)	
1009p	orevcabg_followup	Previous history of coronary artery bypass (CABG)?	radio 1 Yes 0 No
1010n	umangio_followup	Number of angiograms Include up to 5 angiograms including enrollment angio	text (integer, Max: 5)
S f: [r	ngio1date_followup how the field ONLY i numangio_followup] = 1	Angiogram 1 Date:	text (date_mdy)
S f: [r	ingio2date_followup Thow the field ONLY i Thomas in the field on the	Angiogram 2 Date:	text (date_mdy)
S f: [r	ngio3date_followup how the field ONLY i : numangio_followup] = 3	Angiogram 3 Date:	text (date_mdy)
1014a S f: [r	ngio4date_followup	Angiogram 4 Date:	text (date_mdy)
S f: [r	ngio5date_followup how the field ONLY i numangio_followup] = 5	Angiogram 5 Date:	text (date_mdy)
1016a S f: [r	ng1dom_followup	Section Header: Angiogram 1 Left Heart Catheterization Dominant Vessel	radio 1 Right Dominant 2 Left Dominant 3 Co-Dominant

1017ang1edp_followup	LVEDP, mmHg	text		
Show the field ONLY i				
f: [numangio_followup]				
>= 1				
1018ang1ef_followup	Ejection Fraction, % (ventriculogram)	text		
Show the field ONLY i				
f: [numangio_followup]				
>= 1				
1019ang1cabg_followup	Section Header: Coronary Bypass Grafts	che	ckbox	
Show the field ONLY i	Bypass Grafts Targets	1	ang1cabg_followup1	Left Main
f: ([cabg]="1" OR [rerx		2	ang1cabg_followup2	Left
(2)]="1" OR [prevcabg_				Anterior Descendir
followup]="1") and [nu mangio_followup] >=		3	ang1cabg_followup3	Left
1				Circumflex
		4	ang1cabg_followup4	Right
				Coronary Artery
		5	ang1cabg_followup5	Posterior
				Descendir
			4 1 6 11 6	Artery
		6	ang1cabg_followup6	Diagonal 1
		7	ang1cabg_followup7	Diagonal 2
		8	ang1cabg_followup8	Septal
		9	ang1cabg_followup9	Ramus
		10	ang1cabg_followup10	Obtuse Marginal 1
		11	ang1cabg_followup11	Obtuse
				Marginal 2
		12	ang1cabg_followup12	Obtuse Marginal 3
		13	ang1cabg_followup13	Posterior
				Left Ventricula
		14	ang1cabg_followup14	
			ang reabg_followup14	Ventricula
				Branch of
				Right Coronary
1020ang1cabg1_followup	Left Main Bypass Graft	radi	o (Matrix)	<u> </u>
Show the field ONLY i	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Internal Mammary Artery	
f:		 	Radial Artery	
[ang1cabg_followup (1)]="1"			Saphenous Vein	

	Emory Odralovacodial Biobank INEL	
1021ang1cabg2_followup	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang1cabg_followup		2 Radial Artery
(2)]="1"		3 Saphenous Vein
1022ang1cabg3_followup	Left Circumflex Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang1cabg_followup		2 Radial Artery
(3)]="1"		3 Saphenous Vein
102Bang1cabg4_followup	Right Coronary Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (4)]="1"		3 Saphenous Vein
1024ang1cabg5_followup	Posterior Descending Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (5)]="1"		3 Saphenous Vein
1025ang1cabg6_followup	Diagonal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (6)]="1"		3 Saphenous Vein
1026ang1cabg7_followup	Diagonal 2 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (7)]="1"		3 Saphenous Vein
1027ang1cabg8_followup	Septal Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (8)]="1"		3 Saphenous Vein
1028ang1cabg9_followup	Ramus Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup (9)]="1"		3 Saphenous Vein
1029ang1cabg10_followup	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang1cabg_followup(1 0)]="1"		3 Saphenous Vein
<u> </u>		<u> </u>

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Show the field ONLY i f: [ang1cabg_followup(1 1)]="1"	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
1031ang1cabg12_followup Show the field ONLY i f: [ang1cabg_followup(1 2)]="1"	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
1032ang1cabg13_followup Show the field ONLY i f: [ang1cabg_followup(1 3)]="1"	Posterior Left Ventricular Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
103Bang1cabg14_followup Show the field ONLY i f: [ang1cabg_followup(1 4)]="1"	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein	
1034ang1results_followup Show the field ONLY i f: [numangio_followup] >= 1	Section Header: Results Test Result	radio 0 Normal 1 Stenoses present	
Show the field ONLY i f: [ang1results_followu p]="1" AND ([cabg] ="1" OR [rerx(2)]="1" OR [prevcabg_followu p]="1")	Are graft stenoses present ?	radio 1 Yes 0 No	
1036ang1isr_followup Show the field ONLY i f: [ang1results_followu p]="1"	Are In-stent restenoses present?	radio 1 Yes 0 No	

1037ang1sten_followup Show the field ONLY i	Vessels without prior stents	che	checkbox		
		1	ang1sten_followup1	Left Main	
f: [ang1results_followu p]="1"		2	ang1sten_followup2	Left Anterior Descendir	
		3	ang1sten_followup3	Left Circumfle	
		4	ang1sten_followup4	Right Coronary Artery	
		5	ang1sten_followup5	Posterior Descendir Artery	
		6	ang1sten_followup6	Diagonal 1	
		7	ang1sten_followup7	Diagonal 2	
		8	ang1sten_followup8	Septal	
		9	ang1sten_followup9	Ramus	
		10	ang1sten_followup10	Obtuse Marginal	
		11	ang1sten_followup11	Obtuse Marginal 2	
		12	ang1sten_followup12	Obtuse Marginal 3	
		13	ang1sten_followup13	Posterior Left Ventricula	
		14	ang1sten_followup14	Right Ventricula Branch of Right Coronary	

103	8ang1isrsten_followup	In-Stent Restenosis Site	ched	ckbox	
	Show the field ONLY i	Vessels with prior stents	1	ang1isrsten_followup1	Left Mair
	f: [ang1isr_followup]="1"		2	ang1isrsten_followup2	Left Anterior Descend
			3	ang1isrsten_followup3	Left Circumf
			4	ang1isrsten_followup4	Right Coronary Artery
			5	ang1isrsten_followup5	Posterio Descend Artery
			6	ang1isrsten_followup6	Diagona
			7	ang1isrsten_followup7	Diagona
			8	ang1isrsten_followup8	Septal
			9	ang1isrsten_followup9	Ramus
			10	ang1isrsten_followup10	Obtuse Marginal
			11	ang1isrsten_followup11	Obtuse Margina
			12	ang1isrsten_followup12	Obtuse Marginal
			13	ang1isrsten_followup13	Posterio Left Ventricu
			14	ang1isrsten_followup14	Right Ventricu Branch o Right Coronar
103	Pang1cabgsten1_follow up Show the field ONLY if: [ang1cabg_followup (1)]>=1 AND [ang1graf_followup]="1"	Section Header: Bypass Graft Stenoses (Target Vessels) Left Main Bypass Graft	text	(integer, Min: 0, Max: 100)	
104	Oang1cabgsten2_follow up Show the field ONLY i f: [ang1cabg_followup (2)]>=1 AND [ang1graf _followup]="1"	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Max: 100)	

1041ang1cabgsten3_follow up Show the field ONLY i f: [ang1cabg_followup (3)]>=1 AND [ang1graf _followup]="1"	Left Circumflex Bypass Graft	text (integer, Min: 0, Max: 100)
1042ang1cabgsten4_follow up Show the field ONLY i f: [ang1cabg_followup (4)]>=1 AND [ang1graf _followup]="1"	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
1043ang1cabgsten5_follow up Show the field ONLY if: [ang1cabg_followup (5)]>=1 AND [ang1graf_followup]="1"	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
1044ang1cabgsten6_follow up Show the field ONLY if: [ang1cabg_followup (6)]>=1 AND [ang1graf_followup]="1"	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
1045ang1cabgsten7_follow up Show the field ONLY if: [ang1cabg_followup (7)]>=1 AND [ang1graf_followup]="1"	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
1046ang1cabgsten8_follow up Show the field ONLY if: [ang1cabg_followup (8)]>=1 AND [ang1graf _followup]="1"	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
1047ang1cabgsten9_follow up Show the field ONLY i f: [ang1cabg_followup (9)]>=1 AND [ang1graf _followup]="1"	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)

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1055ang1sten3_f	·	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
f: [ang1sten_fo (2)]="1" or [a n_followup(2	ollowup ang1isrste		
1056ang1sten4_f	ollowup	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (2)]="1" or [a n_followup(2	ollowup ang1isrste		
1057ang1sten5_f	ollowup	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (2)]="1" or [a n_followup(2	ollowup ang1isrste		
1058ang1sten6_f	ollowup	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (3)]="1" or [a n_followup(3	ollowup ang1isrste		
1059ang1sten7_f	ollowup	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (3)]="1" or [a n_followup(3	ollowup ang1isrste		
1060ang1sten8_f	ollowup	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (3)]="1" or [a n_followup(3	ollowup ang1isrste		
1061ang1sten9_f	ollowup	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (4)]="1" or [a n_followup(4	ollowup ing1isrste		
1062ang1sten10_	followup	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the fie f: [ang1sten_fo (4)]="1" or [a n_followup(4	ollowup ang1isrste		

	, ,	'
106Bang1sten11_followup	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang1sten_followup		
(4)]="1" or [ang1isrste		
n_followup(4)]="1"	Dietal Bight Coronany Artony (Boot Cy) (Characia	toyt (integer Miss 0 Mays 100)
1064ang1sten12_followup	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang1sten_followup		
(4)]="1" or [ang1isrste n_followup(4)]="1"		
1065ang1sten13_followup	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang1sten_followup		
(5)]="1" or [ang1isrste n_followup(5)]="1"		
1066ang1sten14_followup	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang1sten_followup		
(6)]="1" or [ang1isrste n_followup(6)]="1"		
1067ang1sten15_followup	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		(
f:		
[ang1sten_followup (7)]="1" or [ang1isrste		
n_followup(7)]="1"		
1068ang1sten16_followup	Septal % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang1sten_followup		
(8)]="1" or [ang1isrste		
n_followup(8)]="1" 1069ang1sten17_followup	Ramus % Stenosis	text (integer Min: 0 May: 100)
Show the field ONLY i	Namus 70 Stemosis	text (integer, Min: 0, Max: 100)
f:		
[ang1sten_followup (9)]="1" or [ang1isrste		
n_followup(9)]="1"		
1070ang1sten18_followup	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang1sten_followup(1		
0)]="1" or [ang1isrsten		
_followup(10)]="1"		

107	lang1sten19_followup	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten_followup(1 1)]="1" or [ang1isrsten		
407	_followup(11)]="1"		
10/2	2ang1sten20_followup	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten_followup(1 2)]="1" or [ang1isrsten _followup(12)]="1"		
107	Bang1sten21_followup	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten_followup(1 3)]="1" or [ang1isrsten _followup(13)]="1"		
107	4ang1sten22_followup	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f: [ang1sten_followup(1 4)]="1" or [ang1isrsten _followup(14)]="1"	Stenosis	
107	5ang1int1_followup	Section Header: Interventions	radio (Matrix)
	Show the field ONLY i	Left Main	0 No Intervention
	f: [ang1sten_followup		1 Angioplasty
	(1)]="1" or [ang1isrste		2 Bare Metal Stent
	n_followup(1)]="1"		3 Drug-Eluting Stent
107	Sang1int2_followup	Proximal (before 1st branch) Left Anterior	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang1sten_followup		1 Angioplasty
	(2)]="1" or [ang1isrste		2 Bare Metal Stent
	n_followup(2)]="1"		3 Drug-Eluting Stent
107	7ang1int3_followup	Proximal (after 1st branch) Left Anterior	radio (Matrix)
	Show the field ONLY i	Descending	0 No Intervention
	f: [ang1sten_followup		1 Angioplasty
	(2)]="1" or [ang1isrste		2 Bare Metal Stent
	n_followup(2)]="1"		3 Drug-Eluting Stent

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1078ang1int4_followup	Mid-Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang1sten_followup		1 Angioplasty
(2)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1079ang1int5_followup	Distal Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (2)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1080ang1int6_followup	Proximal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (3)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1081ang1int7_followup	Mid-Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (3)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1082ang1int8_followup	Distal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (3)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
108Bang1int9_followup	Proximal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (4)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1084ang1int10_followup	Mid-Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (4)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
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1085ang1int11_followup	Distal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang1sten_followup		1 Angioplasty
(4)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1086ang1int12_followup	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (4)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1087ang1int13_followup	Posterior Descending Artery	radio (Matrix)
Show the field ONLY i	j ,	0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (5)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(5)]="1"		3 Drug-Eluting Stent
1088ang1int14_followup	Diagonal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (6)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(6)]="1"		3 Drug-Eluting Stent
1089ang1int15_followup	Diagonal 2	radio (Matrix)
Show the field ONLY i	Diagonal 2	0 No Intervention
f:		1 Angioplasty
[ang1sten_followup (7)]="1" or [ang1isrste		2 Bare Metal Stent
n_followup(7)]="1"		3 Drug-Eluting Stent
1090ang1int16_followup	Septal	radio (Matrix)
	Septai	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang1sten_followup		2 Bare Metal Stent
(8)]="1" or [ang1isrste n_followup(8)]="1"		3 Drug-Eluting Stent
1091ang1int17_followup	Ramus	radio (Matrix) 0 No Intervention
Show the field ONLY i f:		
[ang1sten_followup		1 Angioplasty
(9)]="1" or [ang1isrste n_followup(9)]="1"		2 Bare Metal Stent
11_10110wap(3)]- 1		3 Drug-Eluting Stent

1092ang1int18_followup	Obtuse Marginal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup(1 0)]="1" or [ang1isrsten		2 Bare Metal Stent
_followup(10)]="1"		3 Drug-Eluting Stent
109Bang1int19_followup	Obtuse Marginal 2	radio (Matrix) 0 No Intervention
Show the field ONLY i		
[ang1sten_followup(1		1 Angioplasty
1)]="1" or [ang1isrsten _followup(11)]="1"		2 Bare Metal Stent
_10110Wup(11)]= 1		3 Drug-Eluting Stent
1094ang1int20_followup	Obtuse Marginal 3	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang1sten_followup(1		1 Angioplasty
2)]="1" or [ang1isrsten		2 Bare Metal Stent
_followup(12)]="1"		3 Drug-Eluting Stent
1095ang1int21_followup	Posterior Left Ventricular	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup(1 3)]="1" or [ang1isrsten		2 Bare Metal Stent
_followup(13)]="1"		3 Drug-Eluting Stent
1096ang1int22_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang1sten_followup(1 4)]="1" or [ang1isrsten		2 Bare Metal Stent
_followup(14)]="1"		3 Drug-Eluting Stent
1097ang1graftint1_followu	Left Main Bypass Graft	radio (Matrix)
p	71	0 No Intervention
Show the field ONLY i		1 Angioplasty
f: [ang1cabgsten1_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
109Bang1graftint2_followu	Left Anterior Descending Bypass Graft	radio (Matrix)
p	22.1. meerle. Descending Bypass druit	0 No Intervention
Show the field ONLY i		1 Angioplasty
f:		2 Bare Metal Stent
[ang1cabgsten2_follo wup]>0		3 Drug-Eluting Stent
		5 Brag Elating Steric

1099ang1graftint3_followu p Show the field ONLY i f: [ang1cabgsten3_follo wup]>0	Left Circumflex Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1100ang1graftint4_followu p Show the field ONLY i f: [ang1cabgsten4_follo wup]>0	Right Coronary Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1101ang1graftint5_followup Show the field ONLY if: [ang1cabgsten5_followup]>0	Posterior Descending Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1102ang1graftint6_followu p Show the field ONLY i f: [ang1cabgsten6_follo wup]>0	Diagonal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
110Bang1graftint7_followup Show the field ONLY if: [ang1cabgsten7_followup]>0	Diagonal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1104ang1graftint8_followup Show the field ONLY if: [ang1cabgsten8_followup]>0	Septal Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1105ang1graftint9_followup Show the field ONLY if: [ang1cabgsten9_followup]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

	T	1
1105ang1graftint10_follow up Show the field ONLY if: [ang1cabgsten10_followup]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1107ang1graftint11_follow up Show the field ONLY i f: [ang1cabgsten11_follo wup]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1108ang1graftint12_follow up Show the field ONLY i f: [ang1cabgsten12_followup]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1109ang1graftint13_follow up Show the field ONLY i f: [ang1cabgsten13_follo wup]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1110ang1graftint14_follow up Show the field ONLY i f: [ang1cabgsten14_follo wup]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1111ang1outcomes_follow up Show the field ONLY if: [numangio_followup] >= 1	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other
1112ang1outcomesoth_foll owup Show the field ONLY i f: [ang1outcomes_follow up]="5"	Other Recommendations	notes

		, ,	•		
111	Bang2dom_followup	Section Header: Angiogram 2 Left Heart Catheterization	radi	0	
	Show the field ONLY i	Dominant Vessel	1	Right Dominant	
	f: [numangio_followup]		2	Left Dominant	
	>= 2		3	Co-Dominant	
111	4ang2edp_followup	LVEDP, mmHg	text		
	Show the field ONLY i f:				
	[numangio_followup] >= 2				
111	5ang2ef_followup	Ejection Fraction, % (ventriculogram)	text		
	Show the field ONLY i f: [numangio_followup]				
	>= 2				
111	6ang2cabg_followup	Section Header: <i>Coronary Bypass Grafts</i> Bypass Grafts Targets	ched	ckbox ang2cabg_followup1	Left Main
	Show the field ONLY i f:	bypass Grants rangets	2	ang2cabg_followup2	Left
	([cabg]="1" OR [rerx (2)]="1") and [numangi			angzcabg_followupz	Anterior Descendin
	0_10110Wupj >= 2	o_followup] >= 2	3	ang2cabg_followup3	Left Circumflex
			4	ang2cabg_followup4	Right Coronary Artery
			5	ang2cabg_followup5	Posterior Descendin Artery
			6	ang2cabg_followup6	Diagonal 1
			7	ang2cabg_followup7	Diagonal 2
			8	ang2cabg_followup8	Septal
			9	ang2cabg_followup9	Ramus
			10	ang2cabg_followup10	Obtuse Marginal 1
			11	ang2cabg_followup11	Obtuse Marginal 2
			12	ang2cabg_followup12	Obtuse Marginal 3
			13	ang2cabg_followup13	Posterior Left Ventricula
			14	ang2cabg_followup14	Right Ventricula Branch of Right Coronary

	1	
1117ang2cabg1_followup	Left Main Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
[ang2cabg_followup		2 Radial Artery
(1)]="1"		3 Saphenous Vein
1118ang2cabg2_followup	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang2cabg_followup		2 Radial Artery
(2)]="1"		3 Saphenous Vein
1119ang2cabg3_followup	Left Circumflex Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (3)]="1"		3 Saphenous Vein
1120ang2cabg4_followup	Right Coronary Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (4)]="1"		3 Saphenous Vein
1121ang2cabg5_followup	Posterior Descending Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (5)]="1"		3 Saphenous Vein
1122ang2cabg6_followup	Diagonal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (6)]="1"		3 Saphenous Vein
112Bang2cabg7_followup	Diagonal 2 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (7)]="1"		3 Saphenous Vein
1124ang2cabg8_followup	Septal Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (8)]="1"		3 Saphenous Vein
1125ang2cabg9_followup	Ramus Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang2cabg_followup (9)]="1"		3 Saphenous Vein
(3)]- 1		<u> </u>

112 Sang2cabg10_followup Show the field ONLY i f. [ang2cabg_followup(1 o)]="1" Obtuse Marginal 1 Bypass Graft 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Interna		<u>, </u>	
Show the field ONLY i f:	1126ang2cabg10_followup	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
[ang2cabg_followup(1 0)]="1" 1127ang2cabg11_followup Show the field ONLY i f: [ang2cabg_followup(1 1)]="1" 1128ang2cabg12_followup Show the field ONLY i f: [ang2cabg_followup(1 1)]="1" 1129ang2cabg12_followup Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" 1129ang2cabg_followup(1 2)]="1" 1129ang2cabg_followup Show the field ONLY i f: [ang2cabg_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 1130ang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 1130ang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1135ang2results_followup Section Header: Results Test Result 115ang2results_followup Section Header: Results Test Result	Show the field ONLY i		1 Internal Mammary Artery
O)]="1" Saphenous Vein 3 Saphenous Vein 1127ang2cabg11_followup Show the field ONLY i f:			2 Radial Artery
Show the field ONLY i f: [ang2cabg_followup(1 1)]="1" 1128ang2cabg12_followup Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" 1129ang2cabg_followup(1 2)]="1" 1129ang2cabg13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 1129ang2cabg13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 1130ang2cabg_followup(1 3)]="1" 1131ang2cabg_followup(1 4)]="1" 1131ang2cabg_followup(1 4)]="1" Section Header: Results Test Result 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radio (Matrix) 1 Internal Mammary Artery 3 Saphenous Vein 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radio (Matrix) 1 Internal Mammary Artery 2 Radio (Matrix) 1 Internal Mammary Artery 3 Saphenous Vein			3 Saphenous Vein
f: [ang2cabg_followup(1 1)]="1" 1128ang2cabg_12_followup Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" 1129ang2cabg_13_followup Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" 1129ang2cabg_13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 1130ang2cabg_followup(1 3)]="1" 1131ang2cabg_followup(1 4)]="1" 1131ang2cabg_followup(1 4)]="1" Section Header: Results Test Result 1 Radial Artery	1127ang2cabg11_followup	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
[ang2cabg_followup(1 1)]="1" 1128ang2cabg_12_followup	Show the field ONLY i		1 Internal Mammary Artery
1]="1" 3 Saphenous Vein 1128ang2cabg12_followup Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" 2 Radial Artery 2 Radial Artery 3 Saphenous Vein 1129ang2cabg_followup(1 2)]="1" 7 Posterior Left Ventricular Bypass Graft 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1129ang2cabg_followup(1 3)]="1" 7 Right Ventricular Bypass Graft 7 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 7 Saphenous Ve	''		2 Radial Artery
Show the field ONLY i f: [ang2cabg_followup(1 2)]="1" Posterior Left Ventricular Bypass Graft 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1129ang2cabg_13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" Right Ventricular Branch of Right Coronary Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Right Ventricular Branch of Right Coronary Bypass Graft 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1131ang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 Section Header: Results Test Result 1 Stenoses present			3 Saphenous Vein
f: [ang2cabg_followup(1 2)]="1" 112Pang2cabg13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 113Pang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 113Pang2cabg_followup(1 4)]="1" Right Ventricular Branch of Right Coronary Bypass Graft Right Ventricular Branch of Right Coronary Bypass Graft 113Pang2cabg_followup(1 4)]="1" Section Header: Results Test Result Test Result 1 Stenoses present 1 Stenoses present	1128ang2cabg12_followup	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
[ang2cabg_followup(1 2)]="1" 112 Pang2cabg13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 113 Pang2cabg_followup(1 4)]="1" 114 Pang2cabg_followup(1 3)]="1" Posterior Left Ventricular Bypass Graft radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 113 lang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 113 lang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 Section Header: Results Test Result 1 Stenoses present	Show the field ONLY i		1 Internal Mammary Artery
2)]="1" 3 Saphenous Vein 1129ang2cabg13_followup Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1130ang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein 1 Saphenous Vein 1 Saphenous Vein 1 Saphenous Vein 1 Stenoses present 1 Stenoses presen			2 Radial Artery
Show the field ONLY i f: [ang2cabg_followup(1 3)]="1" 113Dang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Section Header: Results Test Result 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 2 Radial Artery 3 Saphenous Vein radio 0 Normal 1 Stenoses present			3 Saphenous Vein
f: [ang2cabg_followup(1 3)]="1" 1130ang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Section Header: Results Test Result Test Result 2 Radial Artery radio (Matrix) 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio 0 Normal 1 Stenoses present	1129ang2cabg13_followup	Posterior Left Ventricular Bypass Graft	radio (Matrix)
[ang2cabg_followup(1 3)]="1" 113Dang2cabg14_followup Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 [ang2cabg_followup(1 4)]="1" Right Ventricular Branch of Right Coronary Bypass Graft Right Ventricular Branch of Right Coronary Bypass Graft 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio 0 Normal 1 Stenoses present			1 Internal Mammary Artery
3)]="1" Right Ventricular Branch of Right Coronary Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Section Header: Results Test Result			2 Radial Artery
Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" Section Header: Results Test Result 1 Internal Mammary Artery 2 Radial Artery 3 Saphenous Vein radio Normal 1 Stenoses present			3 Saphenous Vein
Show the field ONLY i f: [ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 Internal Mathinal y Artery 2 Radial Artery 3 Saphenous Vein radio 0 Normal 1 Stenoses present	1130ang2cabg14_followup	_ =	radio (Matrix)
[ang2cabg_followup(1 4)]="1" 1131ang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 [ang2cabg_followup(1	Show the field ONLY i	Bypass Graft	1 Internal Mammary Artery
4)]="1" 1131ang2results_followup Show the field ONLY i f: [numangio_followup] >= 2 Section Header: Results Test Result 1 Stenoses present 1 Stenoses present			2 Radial Artery
Show the field ONLY i f: [numangio_followup] >= 2 Test Result 0 Normal 1 Stenoses present	1		3 Saphenous Vein
f: [numangio_followup] >= 2	1131ang2results_followup	Section Header: Results	radio
[numangio_followup] >= 2		Test Result	0 Normal
>= 2			1 Stenoses present
1132ang2graf_followup Are graft stenoses present ? radio			
	1132ang2graf_followup	Are graft stenoses present?	radio
Show the field ONLY i			1 Yes
f: [ang2results_followu]			0 No
p]="1" AND ([cabg]			
="1" OR [rerx(2)]="1"			
OR [prevcabg_followu p]="1")			
113Bang2isr_followup Are In-stent restenoses present? radio	113Bang2isr_followup	Are In-stent restenoses present?	radio
Show the field ONLY i	Show the field ONLY i		1 Yes
f: [ang@results_follows]			0 No
[ang2results_followu p]="1"	1 -		

1134ang2sten_followup	Show the field ONLY i f: [ang2results_followu p]="1" Vessels without prior stents 1 2 3 4 5 6 7 8 9 11	che	checkbox		
Show the field ONLY i		1	ang2sten_followup1	Left Main	
[ang2results_followu		2	ang2sten_followup2	Left Anterior Descendin	
		3	ang2sten_followup3	Left Circumflex	
		4	ang2sten_followup4	Right Coronary Artery	
		5	ang2sten_followup5	Posterior Descendin Artery	
		6	ang2sten_followup6	Diagonal 1	
		7	ang2sten_followup7	Diagonal 2	
		8	ang2sten_followup8	Septal	
		9	ang2sten_followup9	Ramus	
		10	ang2sten_followup10	Obtuse Marginal 1	
		11	ang2sten_followup11	Obtuse Marginal 2	
		12	ang2sten_followup12	Obtuse Marginal 3	
		13	ang2sten_followup13	Posterior Left Ventricula	
		14	ang2sten_followup14	Right Ventricula Branch of Right Coronary	

1135ang2	2isrsten_followup	In-Stent Restenosis Site	che	ckbox	
Shov	w the field ONLY i	Vessels with prior stents	1	ang2isrsten_followup1	Left Mair
f: [ang	:2isr_followup]="1"		2	ang2isrsten_followup2	Left Anterior Descend
			3	ang2isrsten_followup3	Left Circumf
			4	ang2isrsten_followup4	Right Coronary Artery
			5	ang2isrsten_followup5	Posterio Descend Artery
			6	ang2isrsten_followup6	Diagona
			7	ang2isrsten_followup7	Diagonal
			8	ang2isrsten_followup8	Septal
			9	ang2isrsten_followup9	Ramus
			10	ang2isrsten_followup10	Obtuse Margina
			11	ang2isrsten_followup11	Obtuse Margina
			12	ang2isrsten_followup12	Obtuse Marginal
			13	ang2isrsten_followup13	Posterio Left Ventricu
			14	ang2isrsten_followup14	Right Ventricu Branch c Right Coronar
up Show f: [ang (1)]>	2cabgsten1_follow w the field ONLY i g2cabg_followup =1 AND [ang2graf owup]="1"	Section Header: <i>Bypass Graft Stenoses (Target Vessels)</i> Left Main Bypass Graft	text	(integer, Min: 0, Max: 100)	
up Show f: [ang (2)]>	2cabgsten2_follow w the field ONLY i 2cabg_followup =1 AND [ang2graf owup]="1"	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Max: 100)	

1138ang2cabgsten3_follow up	Left Circumflex Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang2cabg_followup (3)]>=1 AND [ang2graf _followup]="1"		
1139ang2cabgsten4_follow up	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (4)]>=1 AND [ang2graf _followup]="1"		
1140ang2cabgsten5_follow up	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (5)]>=1 AND [ang2graf _followup]="1"		
1141ang2cabgsten6_follow up	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (6)]>=1 AND [ang2graf _followup]="1"		
1142ang2cabgsten7_follow up	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (7)]>=1 AND [ang2graf _followup]="1"		
114Bang2cabgsten8_follow up	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (8)]>=1 AND [ang2graf _followup]="1"		
1144ang2cabgsten9_follow up	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2cabg_followup (9)]>=1 AND [ang2graf _followup]="1"		

Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
Right Ventricular Branch of Right Coronary Bypass Graft	text (integer, Min: 0, Max: 100)
Section Header: Stenoses	text (integer, Min: 0, Max: 100)
Left Main % Stenosis	
Proximal (before 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
Descending % Stellosis	
	Obtuse Marginal 2 Bypass Graft Obtuse Marginal 3 Bypass Graft Posterior Left Ventricular Bypass Graft Right Ventricular Branch of Right Coronary Bypass Graft Section Header: Stenoses Left Main % Stenosis

	Emory ourdiovaccular Biobarik NEBC	•
1152ang2sten3_followup Show the field ONLY i	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
f: [ang2sten_followup (2)]="1" or [ang2isrste n_followup(2)]="1"		
1153ang2sten4_followup	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup (2)]="1" or [ang2isrste n_followup(2)]="1"		
1154ang2sten5_followup	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup (2)]="1" or [ang2isrste		
n_followup(2)]="1"		
1155ang2sten6_followup	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2sten_followup (3)]="1" or [ang2isrste n_followup(3)]="1"		
1156ang2sten7_followup	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2sten_followup (3)]="1" or [ang2isrste n_followup(3)]="1"		
1157ang2sten8_followup	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang2sten_followup (3)]="1" or [ang2isrste n_followup(3)]="1"		
1158ang2sten9_followup	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup (4)]="1" or [ang2isrste n_followup(4)]="1"		
1159ang2sten10_followup	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup (4)]="1" or [ang2isrste n_followup(4)]="1"		

116	Dang2sten11_followup	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten_followup		
	(4)]="1" or [ang2isrste		
	n_followup(4)]="1"		
116	1ang2sten12_followup	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten_followup		
	(4)]="1" or [ang2isrste n_followup(4)]="1"		
116	2ang2sten13_followup	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
110		1 osterior Descending Artery 70 Steriosis	text (integer, iviii). O, iviax. 100)
	Show the field ONLY i f:		
	[ang2sten_followup		
	(5)]="1" or [ang2isrste n_followup(5)]="1"		
116	Bang2sten14_followup	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang2sten_followup		
	(6)]="1" or [ang2isrste		
44.5	n_followup(6)]="1"	Diagonal 2 W Store :	to the first of the second sec
116	4ang2sten15_followup	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang2sten_followup		
	(7)]="1" or [ang2isrste n_followup(7)]="1"		
116	5ang2sten16_followup	Septal % Stenosis	text (integer, Min: 0, Max: 100)
'	Show the field ONLY i		,
	f:		
	[ang2sten_followup (8)]="1" or [ang2isrste		
	n_followup(8)]="1"		
116	Sang2sten17_followup	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2sten_followup		
	(9)]="1" or [ang2isrste		
	n_followup(9)]="1"		
116	7ang2sten18_followup	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang2sten_followup(1		
	0)]="1" or [ang2isrsten		
	_followup(10)]="1"		

	<u> </u>	<u> </u>
1168ang2sten19_followup	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup(1 1)]="1" or [ang2isrsten _followup(11)]="1"		
1169ang2sten20_followup	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang2sten_followup(1 2)]="1" or [ang2isrsten _followup(12)]="1"		
1170ang2sten21_followup	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup(1 3)]="1" or [ang2isrsten _followup(13)]="1"		
1171ang2sten22_followup	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang2sten_followup(1 4)]="1" or [ang2isrsten _followup(14)]="1"	Stenosis	
1172ang2int1_followup	Section Header: Interventions	radio (Matrix)
Show the field ONLY i	Left Main	0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (1)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(1)]="1"		3 Drug-Eluting Stent
1173ang2int2_followup	Proximal (before 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (2)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1174ang2int3_followup	Proximal (after 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f: [ang2sten_followup		1 Angioplasty
(2)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent

1175ang2int4_followup	Mid-Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (2)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1176ang2int5_followup	Distal Left Anterior Descending	radio (Matrix)
	Distal Left Afficerior Descending	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang2sten_followup		2 Bare Metal Stent
(2)]="1" or [ang2isrste n_followup(2)]="1"		3 Drug-Eluting Stent
1177ang2int6_followup	Proximal Left Circumflex	radio (Matrix) 0 No Intervention
Show the field ONLY i		
[ang2sten_followup		1 Angioplasty
(3)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1178ang2int7_followup	Mid-Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang2sten_followup		1 Angioplasty
(3)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1179ang2int8_followup	Distal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (3)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1180ang2int9_followup	Proximal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (4)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1181ang2int10_followup	Mid-Right Coronary Artery	radio (Matrix)
Show the field ONLY i	TWILD TREAT COTOTIALLY ALLERY	0 No Intervention
f:		1 Angioplasty
[ang2sten_followup		2 Bare Metal Stent
(4)]="1" or [ang2isrste n_followup(4)]="1"		3 Drug-Eluting Stent
= 1.7.77		J Di ug-Liutilig Stellt

1182ang2int11_followup	Distal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang2sten_followup		1 Angioplasty
(4)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
118Bang2int12_followup	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (4)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1184ang2int13_followup	Posterior Descending Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (5)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(5)]="1"		3 Drug-Eluting Stent
1185ang2int14_followup	Diagonal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (6)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(6)]="1"		3 Drug-Eluting Stent
1186ang2int15_followup	Diagonal 2	radio (Matrix)
Show the field ONLY i	Diagonal 2	0 No Intervention
f:		1 Angioplasty
[ang2sten_followup (7)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(7)]="1"		3 Drug-Eluting Stent
1187ang2int16_followup	Sontal	radio (Matrix)
	Septal	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang2sten_followup		2 Bare Metal Stent
(8)]="1" or [ang2isrste n_followup(8)]="1"		3 Drug-Eluting Stent
·		
1188ang2int17_followup	Ramus	radio (Matrix)
Show the field ONLY i f:		0 No Intervention
[ang2sten_followup		1 Angioplasty
(9)]="1" or [ang2isrste		2 Bare Metal Stent
n_followup(9)]="1"		3 Drug-Eluting Stent

1189ang2int18_followur	Obtuse Marginal 1	radio (Matrix)
Show the field ONL		0 No Intervention
f:		1 Angioplasty
[ang2sten_followup 0)]="1" or [ang2isrs		2 Bare Metal Stent
_followup(10)]="1"	ten	3 Drug-Eluting Stent
4400 2: 440 5 11		
119Dang2int19_followup		radio (Matrix) 0 No Intervention
Show the field ONL	Yi	
[ang2sten_followup		1 Angioplasty 2 Bare Metal Stent
1)]="1" or [ang2isrs _followup(11)]="1"	ten	
		3 Drug-Eluting Stent
119 ang 2 int 20_followup	Obtuse Marginal 3	radio (Matrix)
Show the field ONL	Yi	0 No Intervention
f: [ang2sten_followup	0(1	1 Angioplasty
2)]="1" or [ang2isrs		2 Bare Metal Stent
_followup(12)]="1"		3 Drug-Eluting Stent
1192ang2int21_followup	Posterior Left Ventricular	radio (Matrix)
Show the field ONL	Yi	0 No Intervention
f:	3/1	1 Angioplasty
[ang2sten_followup 3)]="1" or [ang2isrs		2 Bare Metal Stent
_followup(13)]="1"		3 Drug-Eluting Stent
119Bang2int22_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
Show the field ONL	Yi	0 No Intervention
f:		1 Angioplasty
[ang2sten_followup 4)]="1" or [ang2isrs		2 Bare Metal Stent
_followup(14)]="1"		3 Drug-Eluting Stent
1194ang2graftint1_follo	wu Left Main Bypass Graft	radio (Matrix)
p		0 No Intervention
Show the field ONL	Yi	1 Angioplasty
f: [ang2cabgsten1_fo	llo	2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1195ang2graftint2_follo	wu Left Anterior Descending Bypass Graft	radio (Matrix)
p	Leteration Descending Dypass drait	0 No Intervention
Show the field ONL	Υi	1 Angioplasty
f:	110	2 Bare Metal Stent
[ang2cabgsten2_fo wup]>0	IIO	3 Drug-Eluting Stent
1.3.		Diag-Flating Stellt

	<u> </u>	
1196ang2graftint3_followup Show the field ONLY if: [ang2cabgsten3_followup]>0	Left Circumflex Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1197ang2graftint4_followu p Show the field ONLY i f: [ang2cabgsten4_follo wup]>0	Right Coronary Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1198ang2graftint5_followup Show the field ONLY if: [ang2cabgsten5_followup]>0	Posterior Descending Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1199ang2graftint6_followup Show the field ONLY if: [ang2cabgsten6_followup]>0	Diagonal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1200ang2graftint7_followup Show the field ONLY if: [ang2cabgsten7_followup]>0	Diagonal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1201ang2graftint8_followup Show the field ONLY if: [ang2cabgsten8_followup]>0	Septal Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1202ang2graftint9_followu p Show the field ONLY i f: [ang2cabgsten9_follo wup]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

120Bang2graftint10 up Show the field f: [ang2cabgster wup]>0	ONLY i	Marginal 1 Bypass Graft		nadio (Matrix) No Intervention Angioplasty Bare Metal Stent Drug-Eluting Stent
1204ang2graftint11 up Show the field f: [ang2cabgster wup]>0	ONLY i	Marginal 2 Bypass Graft		radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1205ang2graftint12 up Show the field f: [ang2cabgster wup]>0	ONLY i	Marginal 3 Bypass Graft		radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1206ang2graftint13 up Show the field f: [ang2cabgster wup]>0	ONLY i	r Left Ventricular Bypass Gra	aft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1207ang2graftint14 up Show the field f: [ang2cabgster wup]>0	ONLY i	ntricular Branch of Right Co Graft	ronary	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1208ang2outcomes up Show the field f: [numangio_fol >= 2	ONLY i	itionalist's Recommendation		radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other
1209ang2outcomes owup Show the field f: [ang2outcome up]="5"	ONLY i	ecommendations		notes

121	Oang3dom_followup Show the field ONLY i f: [numangio_followup] >= 3 1ang3edp_followup Show the field ONLY i f: [numangio_followup] >= 3	Section Header: Angiogram 3 Left Heart Catheterization Dominant Vessel LVEDP, mmHg	2 3 text	Right Dominant Left Dominant Co-Dominant	
121	2ang3ef_followup Show the field ONLY i f: [numangio_followup] >= 3	Ejection Fraction, % (ventriculogram)	text		
121	3ang3cabg_followup	Section Header: Coronary Bypass Grafts	chec	kbox	1
	Show the field ONLY i	Bypass Grafts Targets	1	ang3cabg_followup1	Left Main
	f: ([cabg]="1" OR [rerx (2)]="1") and [numangi o followup] >= 3	=	2	ang3cabg_followup2	Left Anterior Descending
	0_10110Wdb] > - 3		3	ang3cabg_followup3	Left Circumflex
			4	ang3cabg_followup4	Right Coronary Artery
			5	ang3cabg_followup5	Posterior Descending Artery
			6	ang3cabg_followup6	Diagonal 1
			7	ang3cabg_followup7	Diagonal 2
			8	ang3cabg_followup8	Septal
			9	ang3cabg_followup9	Ramus
			10	ang3cabg_followup10	Obtuse Marginal 1
			11	ang3cabg_followup11	Obtuse Marginal 2
			12	ang3cabg_followup12	Obtuse Marginal 3
			13	ang3cabg_followup13	Posterior Left Ventricular
			14	ang3cabg_followup14	Right Ventricular Branch of Right Coronary

121Hang3cabg1_followup	Left Main Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
[ang3cabg_followup		2 Radial Artery
(1)]="1"		3 Saphenous Vein
1215ang3cabg2_followup	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
[ang3cabg_followup		2 Radial Artery
(2)]="1"		3 Saphenous Vein
1216ang3cabg3_followup	Left Circumflex Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang3cabg_followup		2 Radial Artery
(3)]="1"		3 Saphenous Vein
1217ang3cabg4_followup	Right Coronary Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang3cabg_followup		2 Radial Artery
(4)]="1"		3 Saphenous Vein
1218ang3cabg5_followup	Posterior Descending Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang3cabg_followup (5)]="1"		3 Saphenous Vein
1219ang3cabg6_followup	Diagonal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang3cabg_followup (6)]="1"		3 Saphenous Vein
1220ang3cabg7_followup	Diagonal 2 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang3cabg_followup (7)]="1"		3 Saphenous Vein
1221ang3cabg8_followup	Septal Bypass Graft	radio (Matrix)
Show the field ONLY i	1	1 Internal Mammary Artery
f:		2 Radial Artery
[ang3cabg_followup (8)]="1"		3 Saphenous Vein
1222ang3cabg9_followup	Ramus Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang3cabg_followup (9)]="1"		3 Saphenous Vein
(3)1		

		,	
122Ban	ng3cabg10_followup	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
Sh	now the field ONLY i		1 Internal Mammary Artery
f:	ng3cabg_followup(1		2 Radial Artery
]="1"		3 Saphenous Vein
1224an	ng3cabg11_followup	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
Sh	now the field ONLY i		1 Internal Mammary Artery
f:	ng3cabg_followup(1		2 Radial Artery
]="1"		3 Saphenous Vein
1225an	ng3cabg12_followup	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
	now the field ONLY i		1 Internal Mammary Artery
f:	ng3cabg_followup(1		2 Radial Artery
]="1"		3 Saphenous Vein
1226an	ng3cabg13_followup	Posterior Left Ventricular Bypass Graft	radio (Matrix)
	now the field ONLY i		1 Internal Mammary Artery
f:	ng3cabg_followup(1		2 Radial Artery
]="1"		3 Saphenous Vein
1227an	ng3cabg14_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
	now the field ONLY i	Bypass Graft	1 Internal Mammary Artery
f:	ng3cabg_followup(1		2 Radial Artery
]="1"		3 Saphenous Vein
1228an	ng3results_followup	Section Header: Results	radio
	now the field ONLY i	Test Result	0 Normal
f:	umangio_followup]		1 Stenoses present
>=			
1229an	ng3graf_followup	Are graft stenoses present ?	radio
1	now the field ONLY i		1 Yes
f:	ng3results_followu		0 No
	="1" AND ([cabg]		
="1	1" OR [rerx(2)]="1"		
	R [prevcabg_followu ="1")		
1230an	ng3isr_followup	Are In-stent restenoses present?	radio
Sh	now the field ONLY i		1 Yes
f:	ng3results_followu		0 No
ı [di	="1"		

1231ang3sten_fol	lowup	Stenosed Vessels	С	checkbox		
Show the field ONLY i	Vessels without prior stents	1	ang3sten_followup1	Left Main		
f: [ang3results_ p]="1"	f: [ang3results_followu			2	ang3sten_followup2	Left Anterior Descendin
				3	ang3sten_followup3	Left Circumflex
				4	ang3sten_followup4	Right Coronary Artery
				5	ang3sten_followup5	Posterior Descendin Artery
				6	ang3sten_followup6	Diagonal 1
				7	ang3sten_followup7	Diagonal 2
				8	ang3sten_followup8	Septal
				9	ang3sten_followup9	Ramus
				10	ang3sten_followup10	Obtuse Marginal 1
		11	ang3sten_followup11	Obtuse Marginal 2		
			12	ang3sten_followup12	Obtuse Marginal 3	
				13	ang3sten_followup13	Posterior Left Ventricula
				14	ang3sten_followup14	Right Ventricula Branch of Right Coronary

123	2ang3isrsten_followup	In-Stent Restenosis Site	ched	ckbox	
	Show the field ONLY i f: [ang3isr_followup]="1"	Vessels with prior stents	1	ang3isrsten_followup1	Left Mair
			2	ang3isrsten_followup2	Left Anterior Descend
			3	ang3isrsten_followup3	Left Circumf
			4	ang3isrsten_followup4	Right Coronary Artery
			5	ang3isrsten_followup5	Posterio Descend Artery
			6	ang3isrsten_followup6	Diagonal
			7	ang3isrsten_followup7	Diagonal
			8	ang3isrsten_followup8	Septal
			9	ang3isrsten_followup9	Ramus
			10	ang3isrsten_followup10	Obtuse Marginal
			11	ang3isrsten_followup11	Obtuse Marginal
			12	ang3isrsten_followup12	Obtuse Marginal
			13	ang3isrsten_followup13	Posterio Left Ventricu
			14	ang3isrsten_followup14	Right Ventricu Branch c Right Coronar
123	Bang3cabgsten1_follow up Show the field ONLY if: [ang3cabg_followup (1)]>=1 AND [ang3graf_followup]="1"	Section Header: Bypass Graft Stenoses (Target Vessels) Left Main Bypass Graft	text	(integer, Min: 0, Max: 100)	
123	4ang3cabgsten2_follow up Show the field ONLY i f: [ang3cabg_followup (2)]>=1 AND [ang3graf _followup]="1"	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Max: 100)	

1235ang3cabgsten3_follow up	Left Circumflex Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang3cabg_followup (3)]>=1 AND [ang3graf _followup]="1"		
1236ang3cabgsten4_follow up	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (4)]>=1 AND [ang3graf _followup]="1"		
1237ang3cabgsten5_follow up	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (5)]>=1 AND [ang3graf _followup]="1"		
1238ang3cabgsten6_follow up	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (6)]>=1 AND [ang3graf _followup]="1"		
1239ang3cabgsten7_follow up	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (7)]>=1 AND [ang3graf _followup]="1"		
1240ang3cabgsten8_follow up	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (8)]>=1 AND [ang3graf _followup]="1"		
1241ang3cabgsten9_follow up	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang3cabg_followup (9)]>=1 AND [ang3graf _followup]="1"		

	-	
1242ang3cabgsten10_follo wup	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3cabg_followup(1 0)]>=1 AND [ang3graf_		
followup]="1"	-	
124Bang3cabgsten11_follo wup	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
f: [ang3cabg_followup(1		
1)]>=1 AND [ang3graf_ followup]="1"	-	
1244ang3cabgsten12_follo wup	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3cabg_followup(1 2)]>=1 AND [ang3graf_ followup]="1"	-	
1245ang3cabgsten13_follo wup	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3cabg_followup(1 3)]>=1 AND [ang3graf_ followup]="1"	-	
1246ang3cabgsten14_follo wup	Right Ventricular Branch of Right Coronary Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3cabg_followup(1 4)]>=1 AND [ang3graf_ followup]="1"	-	
1247ang3sten1_followup	Section Header: Stenoses	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3sten_followup (1)]="1" or [ang3isrste n_followup(1)]="1"	Left Main % Stenosis	
1248ang3sten2_followup	Proximal (before 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3sten_followup (2)]="1" or [ang3isrste n_followup(2)]="1"		
<u> </u>		1

100)
100)
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100)
100)

125	7ang3sten11_followup	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten_followup		
	(4)]="1" or [ang3isrste		
	n_followup(4)]="1"		
125	8ang3sten12_followup	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten_followup		
	(4)]="1" or [ang3isrste		
125	n_followup(4)]="1"	Postorior Possonding Autom ()/ State ====	tout (integer Min: 0 May: 100)
125	9ang3sten13_followup	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten_followup		
	(5)]="1" or [ang3isrste n_followup(5)]="1"		
126	Oang3sten14_followup	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
-3	Show the field ONLY i		
	f:		
	[ang3sten_followup (6)]="1" or [ang3isrste		
	n_followup(6)]="1"		
126	1ang3sten15_followup	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang3sten_followup		
	(7)]="1" or [ang3isrste n_followup(7)]="1"		
126	2ang3sten16_followup	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f:		
	[ang3sten_followup (8)]="1" or [ang3isrste		
	n_followup(8)]="1"		
126	3ang3sten17_followup	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f:		
	[ang3sten_followup (9)]="1" or [ang3isrste		
	n_followup(9)]="1"		
126	4ang3sten18_followup	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang3sten_followup(1		
	0)]="1" or [ang3isrsten		
	_followup(10)]="1"		

		·
1265ang3sten19_followup	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3sten_followup(1		
1)]="1" or [ang3isrsten _followup(11)]="1"		
1266ang3sten20_followup	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang3sten_followup(1 2)]="1" or [ang3isrsten _followup(12)]="1"		
1267ang3sten21_followup	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3sten_followup(1 3)]="1" or [ang3isrsten _followup(13)]="1"		
1268ang3sten22_followup	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang3sten_followup(1	Stenosis	
4)]="1" or [ang3isrsten _followup(14)]="1"		
1269ang3int1_followup	Section Header: Interventions	radio (Matrix)
Show the field ONLY i	Left Main	0 No Intervention
f: [ang3sten_followup		1 Angioplasty
(1)]="1" or [ang3isrste n_followup(1)]="1"		2 Bare Metal Stent
11_10110wup(1)]= 1		3 Drug-Eluting Stent
1270ang3int2_followup	Proximal (before 1st branch) Left Anterior Descending	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
[ang3sten_followup		1 Angioplasty
(2)]="1" or [ang3isrste n_followup(2)]="1"		2 Bare Metal Stent
·		3 Drug-Eluting Stent
1271ang3int3_followup	Proximal (after 1st branch) Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
[ang3sten_followup		1 Angioplasty
(2)]="1" or [ang3isrste n_followup(2)]="1"		2 Bare Metal Stent
		3 Drug-Eluting Stent

1272ang3int4_followup	Mid-Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang3sten_followup		1 Angioplasty
(2)]="1" or [ang3isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
127Bang3int5_followup	Distal Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang3sten_followup (2)]="1" or [ang3isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1274ang3int6_followup	Proximal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang3sten_followup (3)]="1" or [ang3isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1275ang3int7_followup	Mid-Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang3sten_followup (3)]="1" or [ang3isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1276ang3int8_followup	Distal Left Circumflex	radio (Matrix)
Show the field ONLY i	Jistal Zelt eli callillex	0 No Intervention
f:		1 Angioplasty
[ang3sten_followup (3)]="1" or [ang3isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1277ang3int9_followup	Proximal Right Coronary Artery	radio (Matrix)
Show the field ONLY i	Toximal right coronary Artery	0 No Intervention
f:		1 Angioplasty
[ang3sten_followup		2 Bare Metal Stent
(4)]="1" or [ang3isrste n_followup(4)]="1"		3 Drug-Eluting Stent
127Pang2in+10 fallaurus	Mid Dight Coronary Artery	
1278ang3int10_followup	Mid-Right Coronary Artery	radio (Matrix) 0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang3sten_followup		2 Bare Metal Stent
(4)]="1" or [ang3isrste n_followup(4)]="1"		
		3 Drug-Eluting Stent

1279ang3int11_follow	up Distal Right Coronary Artery	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f: [ang3sten_follow	qu	1 Angioplasty
(4)]="1" or [ang3is	srste	2 Bare Metal Stent
n_followup(4)]="1	"	3 Drug-Eluting Stent
1280ang3int12_follow	up Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f: [ang3sten_follow	un	1 Angioplasty
(4)]="1" or [ang3is	·	2 Bare Metal Stent
n_followup(4)]="1	"	3 Drug-Eluting Stent
1281ang3int13_follow	up Posterior Descending Artery	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f: [ang3sten_follow	un	1 Angioplasty
(5)]="1" or [ang3is		2 Bare Metal Stent
n_followup(5)]="1	п	3 Drug-Eluting Stent
1282ang3int14_follow	up Diagonal 1	radio (Matrix)
Show the field Of	NLY i	0 No Intervention
f:		1 Angioplasty
[ang3sten_follow (6)]="1" or [ang3is	·	2 Bare Metal Stent
n_followup(6)]="1	п	3 Drug-Eluting Stent
1283ang3int15_follow	up Diagonal 2	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f:		1 Angioplasty
[ang3sten_follow (7)]="1" or [ang3is	·	2 Bare Metal Stent
n_followup(7)]="1	п	3 Drug-Eluting Stent
1284ang3int16_follow	up Septal	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f:	ua.	1 Angioplasty
[ang3sten_follow (8)]="1" or [ang3is	·	2 Bare Metal Stent
n_followup(8)]="1	п	3 Drug-Eluting Stent
1285ang3int17_follow	up Ramus	radio (Matrix)
Show the field ON	NLY i	0 No Intervention
f:		1 Angioplasty
[ang3sten_follow (9)]="1" or [ang3is		2 Bare Metal Stent
n_followup(9)]="1		3 Drug-Eluting Stent

1286ang3int18_followup	Obtuse Marginal 1	radio (Matrix)
Show the field ONLY i	5.5356	0 No Intervention
f:		1 Angioplasty
[ang3sten_followup(1 0)]="1" or [ang3isrsten		2 Bare Metal Stent
_followup(10)]="1"		3 Drug-Eluting Stent
1287ang3int19_followup	Obtuse Marginal 2	radio (Matrix) 0 No Intervention
Show the field ONLY i		
[ang3sten_followup(1		1 Angioplasty
1)]="1" or [ang3isrsten _followup(11)]="1"		2 Bare Metal Stent
_10110Wup(11)]= 1		3 Drug-Eluting Stent
1288ang3int20_followup	Obtuse Marginal 3	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang3sten_followup(1		1 Angioplasty
2)]="1" or [ang3isrsten		2 Bare Metal Stent
_followup(12)]="1"		3 Drug-Eluting Stent
1289ang3int21_followup	Posterior Left Ventricular	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang3sten_followup(1 3)]="1" or [ang3isrsten		2 Bare Metal Stent
_followup(13)]="1"		3 Drug-Eluting Stent
1290ang3int22_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang3sten_followup(1 4)]="1" or [ang3isrsten		2 Bare Metal Stent
_followup(14)]="1"		3 Drug-Eluting Stent
1291ang3graftint1_followu	Left Main Bypass Graft	radio (Matrix)
p	71	0 No Intervention
Show the field ONLY i		1 Angioplasty
f: [ang3cabgsten1_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1292ang3graftint2_followu	Left Anterior Descending Bypass Graft	radio (Matrix)
p	22.1. meerle. Descending Bypass druit	0 No Intervention
Show the field ONLY i		1 Angioplasty
f:		2 Bare Metal Stent
[ang3cabgsten2_follo wup]>0		3 Drug-Eluting Stent
		5 Brag Elating Stellt

1293ang3graftint3_followup Show the field ONLY if: [ang3cabgsten3_followup]>0	Left Circumflex Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1294ang3graftint4_followu p Show the field ONLY i f: [ang3cabgsten4_follo wup]>0	Right Coronary Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1295ang3graftint5_followup Show the field ONLY if: [ang3cabgsten5_followup]>0	Posterior Descending Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1295ang3graftint6_followup Show the field ONLY if: [ang3cabgsten6_followup]>0	Diagonal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1297ang3graftint7_followu p Show the field ONLY i f: [ang3cabgsten7_follo wup]>0	Diagonal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1298ang3graftint8_followup Show the field ONLY if: [ang3cabgsten8_followup]>0	Septal Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1299ang3graftint9_followup Show the field ONLY if: [ang3cabgsten9_followup]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

	T	
130 Dang3graftint10_follow up Show the field ONLY if: [ang3cabgsten10_followup]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1301ang3graftint11_follow up Show the field ONLY if: [ang3cabgsten11_followup]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1302ang3graftint12_follow up Show the field ONLY if: [ang3cabgsten12_followup]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
130Bang3graftint13_follow up Show the field ONLY if: [ang3cabgsten13_followup]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1304ang3graftint14_follow up Show the field ONLY i f: [ang3cabgsten14_follo wup]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1305ang3outcomes_follow up Show the field ONLY i f: [numangio_followup] >= 3	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other
1305ang3outcomesoth_foll owup Show the field ONLY i f: [ang3outcomes_follow up]="5"	Other Recommendations	notes

1307ang4dom_followup	Section Header: Angiogram 4 Left Heart Catheterization	radi	0	
Show the field ONLY i	Dominant Vessel	1	Right Dominant	
f:		2	Left Dominant	
[numangio_followup] >= 4		3	Co-Dominant	
130Bang4edp_followup	LVEDP, mmHg	text		
Show the field ONLY i f:				
[numangio_followup] >= 4				
1309ang4ef_followup	Ejection Fraction, % (ventriculogram)	text		
Show the field ONLY i				
f: [numangio_followup] >= 4				
131Dang4cabg_followup	Section Header: Coronary Bypass Grafts	ched	kbox	
Show the field ONLY i	Bypass Grafts Targets	1	ang4cabg_followup1	Left Main
f: ([cabg]="1" OR [rerx (2)]="1") and [numangi		2	ang4cabg_followup2	Left Anterior Descending
o_followup] >= 4		3	ang4cabg_followup3	Left Circumflex
		4	ang4cabg_followup4	Right Coronary Artery
		5	ang4cabg_followup5	Posterior Descending Artery
		6	ang4cabg_followup6	Diagonal 1
		7	ang4cabg_followup7	Diagonal 2
		8	ang4cabg_followup8	Septal
		9	ang4cabg_followup9	Ramus
		10	ang4cabg_followup10	Obtuse Marginal 1
		11	ang4cabg_followup11	Obtuse Marginal 2
		12	ang4cabg_followup12	Obtuse Marginal 3
		13	ang4cabg_followup13	Posterior Left Ventricular
		14	ang4cabg_followup14	Right Ventricular Branch of Right Coronary

	Emory Cardiovascular Biobank Ne	r
1311ang4cabg1_followup	Left Main Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(1)]="1"		3 Saphenous Vein
1312ang4cabg2_followup	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(2)]="1"		3 Saphenous Vein
1313ang4cabg3_followup	Left Circumflex Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(3)]="1"		3 Saphenous Vein
1314ang4cabg4_followup	Right Coronary Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(4)]="1"		3 Saphenous Vein
1315ang4cabg5_followup	Posterior Descending Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang4cabg_followup (5)]="1"		3 Saphenous Vein
1316ang4cabg6_followup	Diagonal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(6)]="1"		3 Saphenous Vein
1317ang4cabg7_followup	Diagonal 2 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang4cabg_followup (7)]="1"		3 Saphenous Vein
1318ang4cabg8_followup	Septal Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang4cabg_followup		2 Radial Artery
(8)]="1"		3 Saphenous Vein
1319ang4cabg9_followup	Ramus Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang4cabg_followup (9)]="1"		3 Saphenous Vein
	<u> </u>	

132 Dang4cabg10_followup Obtuse Marginal 1 Bypass Graft radio (Matrix) Show the field ONLY i Internal Mamm	
Show the field ONLY i 1 Internal Mamm	
	ary Artery
f: 2 Radial Artery [ang4cabg_followup(1]	
0)]="1" 3 Saphenous Veir	า
1321ang4cabg11_followup Obtuse Marginal 2 Bypass Graft radio (Matrix)	
Show the field ONLY i	ary Artery
f: [ang4cabg_followup(1]] Radial Artery	
1)]="1" 3 Saphenous Veir	า
1322ang4cabg12_followup Obtuse Marginal 3 Bypass Graft radio (Matrix)	
Show the field ONLY i	ary Artery
f: 2 Radial Artery	
[ang4cabg_followup(1 2)]="1" 3 Saphenous Veir	า
1323ang4cabg13_followup Posterior Left Ventricular Bypass Graft radio (Matrix)	
Show the field ONLY i 1 Internal Mamm	ary Artery
f: 2 Radial Artery [ang4cabg_followup(1]	
3)]="1" 3 Saphenous Veir	า
1324ang4cabg14_followup Right Ventricular Branch of Right Coronary radio (Matrix)	
Show the field ONLY i Bypass Graft 1 Internal Mamm	ary Artery
f: 2 Radial Artery	
[ang4cabg_followup(1 4)]="1" 3 Saphenous Veir	า
1325ang4results_followup	
Show the field ONLY i Test Result 0 Normal	
f: [Dumangia followup] 1 Stenoses prese	nt
[numangio_followup] >= 4	
1326ang4graf_followup Are graft stenoses present ? radio	
Show the field ONLY i	
f: [ang4results_followu]	
p]="1" AND ([cabg]	
="1" OR [rerx(2)]="1"	
OR [prevcabg_followu p]="1")	
1327ang4isr_followup Are In-stent restenoses present? radio	
Show the field ONLY i	
f: O No	
[ang4results_followu p]="1"	

1328ang4sten_followup Show the field ONLY i	Vessels without prior stents by the field ONLY i g4results_followu	che	checkbox		
		1	ang4sten_followup1	Left Main	
f: [ang4results_followu p]="1"		2	ang4sten_followup2	Left Anterior Descendin	
		3	ang4sten_followup3	Left Circumflex	
		4	ang4sten_followup4	Right Coronary Artery	
		5	ang4sten_followup5	Posterior Descendin Artery	
		6	ang4sten_followup6	Diagonal 1	
		7	ang4sten_followup7	Diagonal 2	
		8	ang4sten_followup8	Septal	
		9	ang4sten_followup9	Ramus	
		10	ang4sten_followup10	Obtuse Marginal 1	
		11	ang4sten_followup11	Obtuse Marginal 2	
		12	ang4sten_followup12	Obtuse Marginal 3	
		13	ang4sten_followup13	Posterior Left Ventricula	
		14	ang4sten_followup14	Right Ventricula Branch of Right Coronary	

132	9ang4isrsten_followup	In-Stent Restenosis Site	ched	ckbox	
	Show the field ONLY i	1	ang4isrsten_followup1	Left Mair	
	f: [ang4isr_followup]="1"		2	ang4isrsten_followup2	Left Anterior Descend
			3	ang4isrsten_followup3	Left Circumf
			4	ang4isrsten_followup4	Right Coronary Artery
			5	ang4isrsten_followup5	Posterio Descend Artery
			6	ang4isrsten_followup6	Diagona
			7	ang4isrsten_followup7	Diagona
			8	ang4isrsten_followup8	Septal
			9	ang4isrsten_followup9	Ramus
			10	ang4isrsten_followup10	Obtuse Marginal
			11	ang4isrsten_followup11	Obtuse Margina
			12	ang4isrsten_followup12	Obtuse Marginal
			13	ang4isrsten_followup13	Posterio Left Ventricu
			14	ang4isrsten_followup14	Right Ventricu Branch c Right Coronar
133	Oang4cabgsten1_follow up Show the field ONLY i f: [ang4cabg_followup (1)]>=1 AND [ang4graf _followup]="1"	Section Header: Bypass Graft Stenoses (Target Vessels) Left Main Bypass Graft	text	(integer, Min: 0, Max: 100)	
133	1ang4cabgsten2_follow up Show the field ONLY i f: [ang4cabg_followup (2)]>=1 AND [ang4graf _followup]="1"	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Max: 100)	

1332ang4cabgsten3_follow up Show the field ONLY i	Left Circumflex Bypass Graft	text (integer, Min: 0, Max: 100)
f: [ang4cabg_followup (3)]>=1 AND [ang4graf _followup]="1"		
133Bang4cabgsten4_follow up	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY if:		
[ang4cabg_followup (4)]>=1 AND [ang4graf _followup]="1"		
1334ang4cabgsten5_follow up	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4cabg_followup (5)]>=1 AND [ang4graf _followup]="1"		
1335ang4cabgsten6_follow up	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY if:		
[ang4cabg_followup (6)]>=1 AND [ang4graf _followup]="1"		
1336ang4cabgsten7_follow up	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4cabg_followup (7)]>=1 AND [ang4graf _followup]="1"		
1337ang4cabgsten8_follow up	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4cabg_followup (8)]>=1 AND [ang4graf _followup]="1"		
1338ang4cabgsten9_follow up	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4cabg_followup (9)]>=1 AND [ang4graf _followup]="1"		

1339ang4cabgsten10_follo Wup Show the field ONLY i f. [ang4cabg_followup[t] Obtuse Marginal 1 Bypass Graft text (integer, Min: 0, Max: 100)		,	•
File Fangada		Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Di)>=1 AND [ang4graf followup]="1" Show the field ONLY i f. [ang4cabg_followup]="1" Show the field ONLY i f. [ang4cabg_followup]="1" Obtuse Marginal 2 Bypass Graft text (integer, Min: 0, Max: 100) Example of the followup]="1" Show the field ONLY i f. [ang4cabg_followup(1 2]]>=1 AND [ang4graf_followup]="1" Show the field ONLY i f. [ang4cabg_followup(1 2]]>=1 AND [ang4graf_followup]="1" Posterior Left Ventricular Bypass Graft text (integer, Min: 0, Max: 100) Example of the field ONLY i f. [ang4cabg_followup(1 3]]>=1 AND [ang4graf_followup]="1" Show the field ONLY i f. [ang4cabg_followup(1 4]]>=1 AND [ang4graf_followup]="1" Bypass Graft Ext (integer, Min: 0, Max: 100) Ext (integer, Mi	f:		
wup Show the field ONLY i f: [ang4cabg, followup[1 1])>=1 AND [ang4graf- followup]="1" 134lang4cabgsten12_follo wup Show the field ONLY i f: [ang4cabg_followup(1 2])>=1 AND [ang4graf- followup]="1" 1342ang4cabgsten13_follo wup Show the field ONLY i f: [ang4cabg_followup(1 3])>=1 AND [ang4graf- followup]="1" 1342ang4cabg_followup(1 3])>=1 AND [ang4graf- followup]="1" 1343ang4cabg_followup(1 3])>=1 AND [ang4graf- followup]="1" 1344ang4cabg_followup(1 4])>=1 AND [ang4graf- followup]="1" 1344ang4sten1_followup Show the field ONLY i f: [ang4cabg_followup(1 4])>=1 AND [ang4graf- followup]="1" 1344ang4sten1_followup Show the field ONLY i f: [ang4cabg_followup(1 4])>=1 AND [ang4graf- followup(1)]="1" 1345ang4sten_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)	0)]>=1 AND [ang4graf_		
f:		Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
1) >=1 AND [ang4graf_ followup]="1"	f:		
wup Show the field ONLY i f: [ang4cabg_followup(1 2)]>=1 AND [ang4graf_ followup]="1" 1342ang4cabgsten13_follo wup Show the field ONLY i f: [ang4cabg_followup(1 3)]>=1 AND [ang4graf_ followup]="1" 1343ang4cabg_followup(1 3)]>=1 AND [ang4graf_ followup]="1" 1344ang4cabgsten14_follo wup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_ followup]="1" 1344ang4sten1_followup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_ followup]="1" 1344ang4sten1_followup Show the field ONLY i f: [ang4cabg_followup(1)]="1" 1345ang4sten2_followup (1)]="1" or [ang4isrste n_followup	1)]>=1 AND [ang4graf_		
f: [ang4cabg_followup]="1" 1342ang4cabgsten13_follo wup Show the field ONLY i f: [ang4cabg_followup]="1" 1348ang4cabgsten14_follo wup Show the field ONLY i f: [ang4cabg_followup]="1" 1348ang4cabgsten14_follo wup Show the field ONLY i f: [ang4cabg_followup(1 4)]==1 AND [ang4graf_ followup]="1" 1348ang4cabgsten14_follo wup Show the field ONLY i f: [ang4cabg_followup(1 4)]==1 AND [ang4graf_ followup]="1" Section Header: Stenoses Left Main % Stenosis f: [ang4sten_followup (1)]="1" or [ang4isrsten_followup (1)]="1" or [ang4isrsten_followup (1)]="1" or [ang4streten_followup (1)]		Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
1342ang4cabgsten13_follo wup Show the field ONLY i f: [ang4cabg_followup(1 3)]>=1 AND [ang4graf_followup]="1" Right Ventricular Branch of Right Coronary bypass Graft Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup]="1" Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup]="1" Section Header: Stenoses text (integer, Min: 0, Max: 100)	f: [ang4cabg_followup(1 2)]>=1 AND [ang4graf_		
wup Show the field ONLY i f: [ang4cabg_followup(1 3)]>=1 AND [ang4graf_followup]="1" 1343ang4cabgsten14_follo wup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup Show the field ONLY i f: [ang4sten1_followup Show the field ONLY i f: [ang4sten_followup (1)]="1" or [ang4isrsten_followup(1)]="1" 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)		Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
f: [ang4cabg_followup(1 3)]>=1 AND [ang4graf_followup]="1" 134Bang4cabgsten14_followup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup]="1" 134Pang4sten1_followup Show the field ONLY i f: [ang4sten_followup (1)]="1" or [ang4isrsten_followup(1)]="1" 134Bang4sten2_followup (1)]="1" or [ang4isrsten_followup (1)]="1"		, cottoner 2010 remained 2) page entire	
3)]>=1 AND [ang4graf_followup]="1" 1343ang4cabgsten14_followup Show the field ONLY if: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup]="1" 1344ang4sten1_followup Show the field ONLY if: [ang4sten_followup(1 4)]="1" or [ang4isrsten_followup(1)]="1" or [ang4sisrsten_followup(1)]="1" 1345ang4sten2_followup (1)]="1" or [ang4isrsten_followup Proximal (before 1st branch) Left Anterior 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)			
wup Show the field ONLY i f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_followup]="1" 134 {ang4sten1_followup Show the field ONLY i f: [ang4sten_followup (1)]="1" or [ang4isrste n_followup(1)]="1" 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)	3)]>=1 AND [ang4graf_		
f: [ang4cabg_followup(1 4)]>=1 AND [ang4graf_ followup]="1" 1344ang4sten1_followup Show the field ONLY i f: [ang4sten_followup (1)]="1" or [ang4isrste n_followup(1)]="1" 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)			text (integer, Min: 0, Max: 100)
4)]>=1 AND [ang4graf_followup]="1" 1344ang4sten1_followup Section Header: Stenoses Left Main % Stenosis f: [ang4sten_followup (1)]="1" or [ang4isrste			
Show the field ONLY i f: [ang4sten_followup (1)]="1" or [ang4isrste n_followup(1)]="1" 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, min. o, max. 100)	4)]>=1 AND [ang4graf_		
f: [ang4sten_followup (1)]="1" or [ang4isrste n_followup(1)]="1" 1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)	1344ang4sten1_followup		text (integer, Min: 0, Max: 100)
1345ang4sten2_followup Proximal (before 1st branch) Left Anterior text (integer, Min: 0, Max: 100)	f: [ang4sten_followup (1)]="1" or [ang4isrste	Left Main % Stenosis	
		Proximal (before 1st branch) Left Anterior	text (integer, Min: 0, Max: 100)
f:	Show the field ONLY i	Descending % Stenosis	constanting make 100y
[ang4sten_followup (2)]="1" or [ang4isrste n_followup(2)]="1"	(2)]="1" or [ang4isrste		

1346ang4sten3_followup Show the field ONLY i f: [ang4sten_followup (2)]="1" or [ang4isrste n_followup(2)]="1"	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
	Mid Laft Aptorior Descending 04 Stangers	toyt (integer Mint O May 100)
1347ang4sten4_followup	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4sten_followup (2)]="1" or [ang4isrste n_followup(2)]="1"		
1348ang4sten5_followup	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang4sten_followup (2)]="1" or [ang4isrste n_followup(2)]="1"		
1349ang4sten6_followup	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang4sten_followup (3)]="1" or [ang4isrste n_followup(3)]="1"		
1350ang4sten7_followup	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang4sten_followup (3)]="1" or [ang4isrste n_followup(3)]="1"		
1351ang4sten8_followup	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang4sten_followup (3)]="1" or [ang4isrste n_followup(3)]="1"		
1352ang4sten9_followup	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang4sten_followup (4)]="1" or [ang4isrste n_followup(4)]="1"		
1353ang4sten10_followup	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang4sten_followup (4)]="1" or [ang4isrste n_followup(4)]="1"		, G , 11, 11, 11, 11, 11, 11, 11, 11, 11

135	4ang4sten11_followup	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten_followup		
	(4)]="1" or [ang4isrste		
45-	n_followup(4)]="1"	Birth Birth	
135	5ang4sten12_followup	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten_followup		
	(4)]="1" or [ang4isrste n_followup(4)]="1"		
125	6ang4sten13_followup	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
133	Show the field ONLY i	1 Osterior Descending Artery / Osteriosis	text (integer, wiiri. o, wiax. 100)
	f:		
	[ang4sten_followup		
	(5)]="1" or [ang4isrste n_followup(5)]="1"		
135	7ang4sten14_followup	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang4sten_followup		
	(6)]="1" or [ang4isrste		
405	n_followup(6)]="1"	Diagram 12 W Share :	to the first of the second sec
135	8ang4sten15_followup	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang4sten_followup		
	(7)]="1" or [ang4isrste n_followup(7)]="1"		
125	9ang4sten16_followup	Septal % Stenosis	text (integer, Min: 0, Max: 100)
133	Show the field ONLY i	Septal // Stellosis	text (integer, iviii). O, iviax. 100)
	f:		
	[ang4sten_followup		
	(8)]="1" or [ang4isrste n_followup(8)]="1"		
136	Dang4sten17_followup	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4sten_followup		
	(9)]="1" or [ang4isrste		
	n_followup(9)]="1"		
136	1ang4sten18_followup	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang4sten_followup(1		
	0)]="1" or [ang4isrsten		
	_followup(10)]="1"		

	•	•
1362ang4sten19_followup	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang4sten_followup(1 1)]="1" or [ang4isrsten _followup(11)]="1"		
136Bang4sten20_followup	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i	ostase Marginars // Steriosis	text (integer, with 6, wax. 100)
f: [ang4sten_followup(1 2)]="1" or [ang4isrsten _followup(12)]="1"		
1364ang4sten21_followup	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang4sten_followup(1 3)]="1" or [ang4isrsten _followup(13)]="1"		
1365ang4sten22_followup	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang4sten_followup(1 4)]="1" or [ang4isrsten _followup(14)]="1"	Stenosis	
1366ang4int1_followup	Section Header: Interventions	radio (Matrix)
Show the field ONLY i	Left Main	0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (1)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(1)]="1"		3 Drug-Eluting Stent
1367ang4int2_followup	Proximal (before 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (2)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1368ang4int3_followup	nt3_followup Proximal (after 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		1 Angioplasty
[ang4sten_followup] [2)]="1" or [ang4isrste		2 Bare Metal Stent

1369ang4int4_followup	Mid-Left Anterior Descending	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (2)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1270angdintE fallowup	Distal Loft Antorior Dossanding	
137Dang4int5_followup	Distal Left Anterior Descending	radio (Matrix) 0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang4sten_followup		2 Bare Metal Stent
(2)]="1" or [ang4isrste n_followup(2)]="1"		3 Drug-Eluting Stent
·		
1371ang4int6_followup	Proximal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
[ang4sten_followup		1 Angioplasty
(3)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1372ang4int7_followup	Mid-Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang4sten_followup		1 Angioplasty
(3)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
137Bang4int8_followup	Distal Left Circumflex	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (3)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(3)]="1"		3 Drug-Eluting Stent
1374ang4int9_followup	Proximal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (4)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1375ang4int10_followup	Mid-Right Coronary Artery	radio (Matrix)
	Wild-Right Colonally Artery	0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang4sten_followup		2 Bare Metal Stent
(4)]="1" or [ang4isrste n_followup(4)]="1"		3 Drug-Eluting Stent
		3 Drug-Eluthing Stellt

		1
1376ang4int11_followup	Distal Right Coronary Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang4sten_followup		1 Angioplasty
(4)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1377ang4int12_followup	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (4)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1378ang4int13_followup	Posterior Descending Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (5)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(5)]="1"		3 Drug-Eluting Stent
1379ang4int14_followup	Diagonal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (6)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(6)]="1"		3 Drug-Eluting Stent
1380ang4int15_followup	Diagonal 2	radio (Matrix)
Show the field ONLY i	Diagonal 2	0 No Intervention
f:		1 Angioplasty
[ang4sten_followup (7)]="1" or [ang4isrste		2 Bare Metal Stent
n_followup(7)]="1"		3 Drug-Eluting Stent
1301 ang 4 int 16 followup	Sontal	
1381ang4int16_followup	Septal	radio (Matrix) 0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang4sten_followup		2 Bare Metal Stent
(8)]="1" or [ang4isrste n_followup(8)]="1"		3 Drug-Eluting Stent
1382ang4int17_followup	Ramus	radio (Matrix) 0 No Intervention
Show the field ONLY i		
[ang4sten_followup		1 Angioplasty
(9)]="1" or [ang4isrste n_followup(9)]="1"		2 Bare Metal Stent
11_10110Wup(3)]- 1		3 Drug-Eluting Stent

138Bang4int18_followup	Obtuse Marginal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang4sten_followup(1		1 Angioplasty
0)]="1" or [ang4isrsten		2 Bare Metal Stent
_followup(10)]="1"		3 Drug-Eluting Stent
1384ang4int19_followup	Obtuse Marginal 2	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup(1 1)]="1" or [ang4isrsten		2 Bare Metal Stent
_followup(11)]="1"		3 Drug-Eluting Stent
1385ang4int20_followup	Obtuse Marginal 3	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup(1 2)]="1" or [ang4isrsten		2 Bare Metal Stent
_followup(12)]="1"		3 Drug-Eluting Stent
1386ang4int21_followup	Posterior Left Ventricular	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang4sten_followup(1 3)]="1" or [ang4isrsten		2 Bare Metal Stent
_followup(13)]="1"		3 Drug-Eluting Stent
1387ang4int22_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
Show the field ONLY i	The rentricular Branch of higher constituty	0 No Intervention
f:		1 Angioplasty
[ang4sten_followup(1 4)]="1" or [ang4isrsten		2 Bare Metal Stent
_followup(14)]="1"		3 Drug-Eluting Stent
	Left Main Bureau C. G	
138Bang4graftint1_followu	Left Main Bypass Graft	radio (Matrix) 0 No Intervention
Show the field ONLY i		
f:		1 Angioplasty
[ang4cabgsten1_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1389ang4graftint2_followu	Left Anterior Descending Bypass Graft	radio (Matrix)
р		0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang4cabgsten2_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent

1390ang4graftint3_followup Show the field ONLY if: [ang4cabgsten3_followup]>0	Left Circumflex Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1391ang4graftint4_followu p Show the field ONLY i f: [ang4cabgsten4_follo wup]>0	Right Coronary Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1392ang4graftint5_followup Show the field ONLY if: [ang4cabgsten5_followup]>0	Posterior Descending Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
139Bang4graftint6_followup Show the field ONLY if: [ang4cabgsten6_followup]>0	Diagonal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1394ang4graftint7_followu p Show the field ONLY i f: [ang4cabgsten7_follo wup]>0	Diagonal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1395ang4graftint8_followu p Show the field ONLY i f: [ang4cabgsten8_follo wup]>0	Septal Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1396ang4graftint9_followup Show the field ONLY if: [ang4cabgsten9_followup]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

	· · · · · · · · · · · · · · · · · · ·	· -
1397ang4graftint10_follow up	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang4cabgsten10_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1398ang4graftint11_follow	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
up		0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang4cabgsten11_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1399ang4graftint12_follow	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
up		0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang4cabgsten12_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1400ang4graftint13_follow	Posterior Left Ventricular Bypass Graft	radio (Matrix)
up		0 No Intervention
Show the field ONLY i		1 Angioplasty
[ang4cabgsten13_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1401ang4graftint14_follow	Right Ventricular Branch of Right Coronary	radio (Matrix)
up	Bypass Graft	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang4cabgsten14_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent
1402ang4outcomes_follow	Interventionalist's Recommendation	radio
up		1 Medical Management
Show the field ONLY i		2 Stent
[numangio_followup]		3 Angioplasty
>= 4		4 Surgery
		5 Other
140Bang4outcomesoth_foll owup	Other Recommendations	notes
Show the field ONLY i		
f: [ang4outcomes_follow up]="5"		

		Emory Cardiovaccular Biobank NEBC	•		
140	4ang5dom_followup Show the field ONLY i f: [numangio_followup] >= 5	Section Header: Angiogram 5 Left Heart Catheterization Dominant Vessel	2	o Right Dominant Left Dominant Co-Dominant	
140	Sang5edp_followup Show the field ONLY i f: [numangio_followup] >= 5	LVEDP, mmHg	text		
140	6ang5ef_followup Show the field ONLY i f: [numangio_followup] >= 5	Ejection Fraction, % (ventriculogram)	text		
140	7ang5cabg_followup	Section Header: Coronary Bypass Grafts	ched	kbox	
	Show the field ONLY i	Bypass Grafts Targets	1	ang5cabg_followup1	Left Main
	f: ([cabg]="1" OR [rerx (2)]="1") and [numangi o_followup] >= 5		2	ang5cabg_followup2	Left Anterior Descending
	0_10110Wup]	owupj >= 5	3	ang5cabg_followup3	Left Circumflex
			4	ang5cabg_followup4	Right Coronary Artery
			5	ang5cabg_followup5	Posterior Descending Artery
			6	ang5cabg_followup6	Diagonal 1
			7	ang5cabg_followup7	Diagonal 2
			8	ang5cabg_followup8	Septal
			9	ang5cabg_followup9	Ramus
			10	ang5cabg_followup10	Obtuse Marginal 1
			11	ang5cabg_followup11	Obtuse Marginal 2
			12	ang5cabg_followup12	Obtuse Marginal 3
			13	ang5cabg_followup13	Posterior Left Ventricular
			14	ang5cabg_followup14	Right Ventricular Branch of Right Coronary

	Emory Garalovasodiai Biosanii (14)	
1408ang5cabg1_followup	Left Main Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang5cabg_followup		2 Radial Artery
(1)]="1"		3 Saphenous Vein
1409ang5cabg2_followup	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang5cabg_followup		2 Radial Artery
(2)]="1"		3 Saphenous Vein
1410ang5cabg3_followup	Left Circumflex Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang5cabg_followup		2 Radial Artery
(3)]="1"		3 Saphenous Vein
1411ang5cabg4_followup	Right Coronary Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang5cabg_followup		2 Radial Artery
(4)]="1"		3 Saphenous Vein
1412ang5cabg5_followup	Posterior Descending Artery Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang5cabg_followup (5)]="1"		3 Saphenous Vein
141Bang5cabg6_followup	Diagonal 1 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f: [ang5cabg_followup		2 Radial Artery
[aligocabg_followup] [6)]="1"		3 Saphenous Vein
1414ang5cabg7_followup	Diagonal 2 Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang5cabg_followup (7)]="1"		3 Saphenous Vein
1415ang5cabg8_followup	Septal Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang5cabg_followup (8)]="1"		3 Saphenous Vein
1416ang5cabg9_followup	Ramus Bypass Graft	radio (Matrix)
Show the field ONLY i		1 Internal Mammary Artery
f:		2 Radial Artery
[ang5cabg_followup (9)]="1"		3 Saphenous Vein
· ·=		1

			·~•
1417	ang5cabg10_followup	Obtuse Marginal 1 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg_followup(1		2 Radial Artery
	0)]="1"		3 Saphenous Vein
1418	ang5cabg11_followup	Obtuse Marginal 2 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg_followup(1		2 Radial Artery
	1)]="1"		3 Saphenous Vein
1419	ang5cabg12_followup	Obtuse Marginal 3 Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg_followup(1		2 Radial Artery
	2)]="1"		3 Saphenous Vein
1420	ang5cabg13_followup	Posterior Left Ventricular Bypass Graft	radio (Matrix)
	Show the field ONLY i		1 Internal Mammary Artery
	f: [ang5cabg_followup(1		2 Radial Artery
	3)]="1"		3 Saphenous Vein
1421	ang5cabg14_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
	Show the field ONLY i	Bypass Graft	1 Internal Mammary Artery
	f: [ang5cabg_followup(1		2 Radial Artery
	4)]="1"		3 Saphenous Vein
1422	ang5results_followup	Section Header: Results	radio
	Show the field ONLY i	Test Result	0 Normal
	f: [numangio_followup]		1 Stenoses present
I I	>= 5		
1423	ang5graf_followup	Are graft stenoses present ?	radio
	Show the field ONLY i		1 Yes
	f: [ang5results_followu		0 No
	p]="1" AND ([cabg]		
	="1" OR [rerx(2)]="1"		
	OR [prevcabg_followu p]="1")		
1424	ang5isr_followup	Are In-stent restenoses present?	radio
	Show the field ONLY i		1 Yes
	f:		0 No
i l	[ang5results_followu		

1425ang5sten_followup Show the field ONLY i	Vessels without prior stents iresults_followu	che	checkbox		
		1	ang5sten_followup1	Left Main	
f: [ang5results_followu p]="1"		2	ang5sten_followup2	Left Anterior Descendin	
		3	ang5sten_followup3	Left Circumflex	
		4	ang5sten_followup4	Right Coronary Artery	
		5	ang5sten_followup5	Posterior Descendin Artery	
		6	ang5sten_followup6	Diagonal 1	
		7	ang5sten_followup7	Diagonal 2	
		8	ang5sten_followup8	Septal	
		9	ang5sten_followup9	Ramus	
		10	ang5sten_followup10	Obtuse Marginal 1	
		11	ang5sten_followup11	Obtuse Marginal 2	
		12	ang5sten_followup12	Obtuse Marginal 3	
		13	ang5sten_followup13	Posterior Left Ventricula	
		14	ang5sten_followup14	Right Ventricula Branch of Right Coronary	

142	6ang5isrsten_followup	In-Stent Restenosis Site	ched	ckbox	
	Show the field ONLY i	Vessels with prior stents	1	ang5isrsten_followup1	Left Mair
	f: [ang5isr_followup]="1"		2	ang5isrsten_followup2	Left Anterior Descend
			3	ang5isrsten_followup3	Left Circumf
			4	ang5isrsten_followup4	Right Coronary Artery
			5	ang5isrsten_followup5	Posterio Descend Artery
			6	ang5isrsten_followup6	Diagonal
			7	ang5isrsten_followup7	Diagonal
			8	ang5isrsten_followup8	Septal
			9	ang5isrsten_followup9	Ramus
			10	ang5isrsten_followup10	Obtuse Marginal
			11	ang5isrsten_followup11	Obtuse Marginal
			12	ang5isrsten_followup12	Obtuse Marginal
			13	ang5isrsten_followup13	Posterio Left Ventricu
			14	ang5isrsten_followup14	Right Ventricu Branch c Right Coronar
142	7ang5cabgsten1_follow up Show the field ONLY i f: [ang5cabg_followup (1)]>=1 AND [ang5graf _followup]="1"	Section Header: Bypass Graft Stenoses (Target Vessels) Left Main Bypass Graft	text	(integer, Min: 0, Max: 100)	
142	Sang5cabgsten2_follow up Show the field ONLY i f: [ang5cabg_followup (2)]>=1 AND [ang5graf _followup]="1"	Left Anterior Descending Bypass Graft	text	(integer, Min: 0, Max: 100)	

1429ang5cabgsten3_follow up	Left Circumflex Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang5cabg_followup (3)]>=1 AND [ang5graf _followup]="1"		
1430ang5cabgsten4_follow up	Right Coronary Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (4)]>=1 AND [ang5graf _followup]="1"		
1431ang5cabgsten5_follow up	Posterior Descending Artery Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (5)]>=1 AND [ang5graf _followup]="1"		
1432ang5cabgsten6_follow up	Diagonal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (6)]>=1 AND [ang5graf _followup]="1"		
1433ang5cabgsten7_follow up	Diagonal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (7)]>=1 AND [ang5graf _followup]="1"		
1434ang5cabgsten8_follow up	Septal Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (8)]>=1 AND [ang5graf _followup]="1"		
1435ang5cabgsten9_follow up	Ramus Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f:		
[ang5cabg_followup (9)]>=1 AND [ang5graf _followup]="1"		

1435ang5cabgsten10_follo wup Show the field ONLY i	Obtuse Marginal 1 Bypass Graft	text (integer, Min: 0, Max: 100)
f: [ang5cabg_followup(1 0)]>=1 AND [ang5graf_ followup]="1"		
1437ang5cabgsten11_follo wup	Obtuse Marginal 2 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5cabg_followup(1 1)]>=1 AND [ang5graf_ followup]="1"		
1438ang5cabgsten12_follo wup	Obtuse Marginal 3 Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5cabg_followup(1 2)]>=1 AND [ang5graf_ followup]="1"		
1439ang5cabgsten13_follo wup	Posterior Left Ventricular Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5cabg_followup(1 3)]>=1 AND [ang5graf_ followup]="1"		
1440ang5cabgsten14_follo wup	Right Ventricular Branch of Right Coronary Bypass Graft	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5cabg_followup(1 4)]>=1 AND [ang5graf_ followup]="1"		
1441ang5sten1_followup	Section Header: <i>Stenoses</i> Left Main % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (1)]="1" or [ang5isrste n_followup(1)]="1"	Lete Wall 70 Sections	
1442ang5sten2_followup	Proximal (before 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1"	besterraing // steriosis	

144Bang5sten3_followup Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1"	Proximal (after 1st branch) Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
1444ang5sten4_followup	Mid-Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1"		
1445ang5sten5_followup	Distal Left Anterior Descending % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1"		
1446ang5sten6_followup	Proximal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
[ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"		
1447ang5sten7_followup	Mid-Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"		
1448ang5sten8_followup	Distal Left Circumflex % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"		
1449ang5sten9_followup	Proximal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (4)]="1" or [ang5isrste n_followup(4)]="1"		
1450ang5sten10_followup	Mid-Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup (4)]="1" or [ang5isrste n_followup(4)]="1"		

		-	•
145	1ang5sten11_followup	Distal Right Coronary Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten_followup		
	(4)]="1" or [ang5isrste n_followup(4)]="1"		
145	2ang5sten12_followup	Distal Right Coronary Artery (Post-Cx) % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten_followup		
	(4)]="1" or [ang5isrste n_followup(4)]="1"		
145	3ang5sten13_followup	Posterior Descending Artery % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang5sten_followup		
	(5)]="1" or [ang5isrste n_followup(5)]="1"		
145	4ang5sten14_followup	Diagonal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i f:		
	[ang5sten_followup		
	(6)]="1" or [ang5isrste n_followup(6)]="1"		
145	5ang5sten15_followup	Diagonal 2 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	[ang5sten_followup		
	(7)]="1" or [ang5isrste n_followup(7)]="1"		
145	6ang5sten16_followup	Septal % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5sten_followup		
	(8)]="1" or [ang5isrste n_followup(8)]="1"		
145	7ang5sten17_followup	Ramus % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i		
	f: [ang5sten_followup		
	(9)]="1" or [ang5isrste n_followup(9)]="1"		
145	8ang5sten18_followup	Obtuse Marginal 1 % Stenosis	text (integer, Min: 0, Max: 100)
	Show the field ONLY i	_	, , , , , , , , , , , , , , , , , , ,
	f: [ang5sten_followup(1		
	0)]="1" or [ang5isrsten		
	_followup(10)]="1"		

	<u> </u>	
1459ang5sten19_followup	Obtuse Marginal 2 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup(1 1)]="1" or [ang5isrsten		
_followup(11)]="1"		
1460ang5sten20_followup	Obtuse Marginal 3 % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i		
f: [ang5sten_followup(1 2)]="1" or [ang5isrsten _followup(12)]="1"		
1461ang5sten21_followup	Posterior Left Ventricular % Stenosis	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup(1 3)]="1" or [ang5isrsten _followup(13)]="1"		
1462ang5sten22_followup	Right Ventricular Branch of Right Coronary %	text (integer, Min: 0, Max: 100)
Show the field ONLY i f: [ang5sten_followup(1 4)]="1" or [ang5isrsten _followup(14)]="1"	Stenosis	
146Bang5int1_followup	Section Header: Interventions	radio (Matrix)
Show the field ONLY i	Left Main	0 No Intervention
f:		1 Angioplasty
[ang5sten_followup (1)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(1)]="1"		3 Drug-Eluting Stent
1464ang5int2_followup	Proximal (before 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f:		1 Angioplasty
[ang5sten_followup (2)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(2)]="1"		3 Drug-Eluting Stent
1465ang5int3_followup	Proximal (after 1st branch) Left Anterior	radio (Matrix)
Show the field ONLY i	Descending	0 No Intervention
f:		1 Angioplasty
[ang5sten_followup (2)]="1" or [ang5isrste		2 Bare Metal Stent

1465ang5int4_followup Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1" 1467ang5int5_followup	Mid-Left Anterior Descending Distal Left Anterior Descending	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent radio (Matrix)
Show the field ONLY i f: [ang5sten_followup (2)]="1" or [ang5isrste n_followup(2)]="1"	C C C C C C C C C C C C C C C C C C C	0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1468ang5int6_followup Show the field ONLY i f: [ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"	Proximal Left Circumflex	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1469ang5int7_followup Show the field ONLY i f: [ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"	Mid-Left Circumflex	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1470ang5int8_followup Show the field ONLY i f: [ang5sten_followup (3)]="1" or [ang5isrste n_followup(3)]="1"	Distal Left Circumflex	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1471ang5int9_followup Show the field ONLY i f: [ang5sten_followup (4)]="1" or [ang5isrste n_followup(4)]="1"	Proximal Right Coronary Artery	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1472ang5int10_followup Show the field ONLY i f: [ang5sten_followup (4)]="1" or [ang5isrste n_followup(4)]="1"	Mid-Right Coronary Artery	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

147Bang5int11_followup	Distal Right Coronary Artery	radio (Matrix)
	Distai Night Coronary Artery	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang5sten_followup		2 Bare Metal Stent
(4)]="1" or [ang5isrste n_followup(4)]="1"		3 Drug-Eluting Stent
147Hang5int12_followup	Distal Right Coronary Artery (Post-Cx)	radio (Matrix)
Show the field ONLY i		0 No Intervention
[ang5sten_followup		1 Angioplasty
(4)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(4)]="1"		3 Drug-Eluting Stent
1475ang5int13_followup	Posterior Descending Artery	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang5sten_followup		1 Angioplasty
(5)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(5)]="1"		3 Drug-Eluting Stent
1476ang5int14_followup	Diagonal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5sten_followup (6)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(6)]="1"		3 Drug-Eluting Stent
1477ang5int15_followup	Diagonal 2	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5sten_followup (7)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(7)]="1"		3 Drug-Eluting Stent
1478ang5int16_followup	Septal	radio (Matrix)
	Septai	0 No Intervention
Show the field ONLY i f:		1 Angioplasty
[ang5sten_followup		2 Bare Metal Stent
(8)]="1" or [ang5isrste n_followup(8)]="1"		
		3 Drug-Eluting Stent
1479ang5int17_followup	Ramus	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang5sten_followup		1 Angioplasty
(9)]="1" or [ang5isrste		2 Bare Metal Stent
n_followup(9)]="1"		3 Drug-Eluting Stent

1480ang5int18_followup	Obtuse Marginal 1	radio (Matrix)
Show the field ONLY i		0 No Intervention
f: [ang5sten_followup(1		1 Angioplasty
0)]="1" or [ang5isrsten		2 Bare Metal Stent
_followup(10)]="1"		3 Drug-Eluting Stent
1481ang5int19_followup	Obtuse Marginal 2	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5sten_followup(1 1)]="1" or [ang5isrsten		2 Bare Metal Stent
_followup(11)]="1"		3 Drug-Eluting Stent
1482ang5int20_followup	Obtuse Marginal 3	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5sten_followup(1 2)]="1" or [ang5isrsten		2 Bare Metal Stent
_followup(12)]="1"		3 Drug-Eluting Stent
148Bang5int21_followup	Posterior Left Ventricular	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5sten_followup(1 3)]="1" or [ang5isrsten		2 Bare Metal Stent
_followup(13)]="1"		3 Drug-Eluting Stent
1484ang5int22_followup	Right Ventricular Branch of Right Coronary	radio (Matrix)
Show the field ONLY i	Thight ventricular Branch of high coronary	0 No Intervention
f:		1 Angioplasty
[ang5sten_followup(1 4)]="1" or [ang5isrsten		2 Bare Metal Stent
_followup(14)]="1"		3 Drug-Eluting Stent
149EangEgraftiat1 fall	Left Main Bypass Craft	
1485ang5graftint1_followu p	Left Main Bypass Graft	radio (Matrix) 0 No Intervention
Show the field ONLY i		1 Angioplasty
f:		2 Bare Metal Stent
[ang5cabgsten1_follo wup]>0		3 Drug-Eluting Stent
1486ang5graftint2_followu p	Left Anterior Descending Bypass Graft	radio (Matrix)
Show the field ONLY i		0 No Intervention
f:		1 Angioplasty
[ang5cabgsten2_follo		2 Bare Metal Stent
wup]>0		3 Drug-Eluting Stent

1487ang5graftint3_followu p Show the field ONLY i f: [ang5cabgsten3_follo wup]>0	Left Circumflex Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1488ang5graftint4_followu p Show the field ONLY i f: [ang5cabgsten4_follo wup]>0	Right Coronary Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1489ang5graftint5_followu p Show the field ONLY i f: [ang5cabgsten5_follo wup]>0	Posterior Descending Artery Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1490ang5graftint6_followup Show the field ONLY if: [ang5cabgsten6_followup]>0	Diagonal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1491ang5graftint7_followup Show the field ONLY if: [ang5cabgsten7_followup]>0	Diagonal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1492ang5graftint8_followup Show the field ONLY if: [ang5cabgsten8_followup]>0	Septal Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
149Bang5graftint9_followup Show the field ONLY if: [ang5cabgsten9_followup]>0	Ramus Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent

1494ang5graftint10_follow up Show the field ONLY if: [ang5cabgsten10_followup]>0	Obtuse Marginal 1 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1495ang5graftint11_follow up Show the field ONLY if: [ang5cabgsten11_followup]>0	Obtuse Marginal 2 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1496ang5graftint12_follow up Show the field ONLY i f: [ang5cabgsten12_follo wup]>0	Obtuse Marginal 3 Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1497ang5graftint13_follow up Show the field ONLY if: [ang5cabgsten13_followup]>0	Posterior Left Ventricular Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1498ang5graftint14_follow up Show the field ONLY i f: [ang5cabgsten14_follo wup]>0	Right Ventricular Branch of Right Coronary Bypass Graft	radio (Matrix) 0 No Intervention 1 Angioplasty 2 Bare Metal Stent 3 Drug-Eluting Stent
1499ang5outcomes_follow up Show the field ONLY i f: [numangio_followup] >= 5	Interventionalist's Recommendation	radio 1 Medical Management 2 Stent 3 Angioplasty 4 Surgery 5 Other
1500ang5outcomesoth_foll owup Show the field ONLY i f: [ang5outcomes_follow up]="5"	Other Recommendations	notes

2010		· T		
150 followup_angiogram_c omplete	Section Header: Form Status Complete? (followup)	dropdown 0 Incomplete 1 Unverified 2 Complete		
1502enroldtfu	Initial enrollment date: [enrollment_1_arm_1] [enroldt] 1-Year Follow-up Contact Attempt Date: [1year_followup_arm_1][datecontactyr] 1-Year Follow-up Last Known Alive Date: [1year_followup_arm_1][lastaliveyr]	descriptive Field Annotation: @HIDDEN-SURVEY		
1503donotcontactyr	Does the patient refuse to be contacted?	radio, Required 1 Yes 0 No Field Annotation: @HIDDEN-SURVEY		
1504numattyr	Attempt Number Please update with every phone call	text Field Annotation: @HIDDEN-SURVEY		
1505datecontactyr	Date of Contact	text (date_mdy), Required Field Annotation: @HIDDEN-SURVEY		
1505contactattyr	Was the patient successfully contacted?	radio, Required 1 Yes 0 No 2 Relative answered Field Annotation: @HIDDEN-SURVEY		
1507nocontactyr Show the field ONLY i f: [contactattyr] = '0'	If not, reason:	radio, Required 0 Did not answer 1 Disconnected Phone Number 2 Wrong Phone Number 3 Patient is dead Field Annotation: @HIDDEN-SURVEY		

1508contact_verify	Is the following contact information still correct? Address: [enrollment_1_arm_1][address] City: [enrollment_1_arm_1][city] State: [enrollment_1_arm_1][state] Zip: [enrollment_1_arm_1][zip] Home Phone: [enrollment_1_arm_1][phhome]	radio 1 Yes 2 No
	Work Phone: [enrollment_1_arm_1][phwork] Cell Phone: [enrollment_1_arm_1][phcell]	
1509info_to_update Show the field ONL' f: [contact_verify] = '2	What information is incorrect?	checkbox 1 info_to_update1 Address 2 info_to_update2 City 3 info_to_update3 State 4 info_to_update4 Zip 5 info_to_update5 Home Phone 6 info_to_update6 Work Phone 7 info_to_update7 Cell Phone
151 Dnewphyr Show the field ONL' f: [nocontactyr] = '0' o [nocontactyr] = '2'		radio, Required 1 Yes 0 No Field Annotation: @HIDDEN-SURVEY
1511address_new Show the field ONL' f: [info_to_update(1)] '1'		text
1512city_new Show the field ONL' f: [info_to_update(2)] '1'		text
1513state_new Show the field ONL' f: [info_to_update(3)] '1'		text

	,	, Г
ode_new	Zip Code	text (zipcode)
w the field ONLY i		
) to undate(4)] =		
_to_upuate(+)] =		
ome_new	Home Phone	text (phone)
w the field ONLY i		
o_to_update(5)] =		
ork_new	Work Phone	text (phone)
w the field ONLY i		
) to update(6)] =		
ell_new	Cell Phone	text (phone)
w the field ONLY i		
) to undate(7)] =		
_to_update(7)]		
phonenumyr	New Phone Number	text, Required
w the field ONLY i		Field Annotation: @HIDDEN-SURVEY
wphyr]="1"		
	Patient's status	radio, Required
ica 3 y i	Tatient's states	0 Alive
		1 Dead
		2 Unknown
		Field Annotation: @HIDDEN-SURVEY
threcordyr	Source of Death Record	radio, Required
w the field ONLY i		1 Family Contact
atusvrl = '1'		2 Chart Review
ucusyij — i		3 SSDI/Internet Search
		4 National Death Index
		Field Annotation: @HIDDEN-SURVEY
	ode_new w the field ONLY i o_to_update(4)] = ome_new w the field ONLY i o_to_update(5)] = ork_new w the field ONLY i o_to_update(6)] = ell_new w the field ONLY i o_to_update(7)] = ophonenumyr w the field ONLY i w the field ONLY i o_to_update(4)] = ome_new w the field ONLY i o_to_update(5)] = ork_new w the field ONLY i o_to_update(6)] = ell_new w the field ONLY i o_to_update(7)] = phonenumyr w the field ONLY i o_to_update(7)] = phonenumyr w the field ONLY i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(7)] = The phonenum of the field only i opto_update(8)] = The phonenum of t	

1522causeofdeathyr	Cause of Death	radi	o, Required	
Show the field ONLY i	If not adjudicated choose "Unknown"		Immediate cardiac de one hour after onset	
[pstatusyr]="1"		2	Sudden cardiac death hours	; within 24
		3	Cardiac death; not sud immediate	dden or
		8	Probably cardiac deat	h
		4	Vascular; non-cardiac	
		5	Definite non-cardiova	scular death
		9	Probable non-cardiov	ascular death
		6	Suicide	
		7	Unknown	
		Field	d Annotation: @HIDDE	N-SURVEY
152Bassoceventsyr	Associated events leading to patient's death	che	ckbox, Required	
Show the field ONLY i f: [pstatusyr]="1"		1	assoceventsyr1	Acute myocardial infarction
		2	assoceventsyr2	Congestive Heart Failure
		3	assoceventsyr3	Arrhythmia
		4	assoceventsyr4	Stroke
		5	assoceventsyr5	Cancer
		6	assoceventsyr6	Trauma
		7	assoceventsyr7	During Surgery
		8	assoceventsyr8	During Percutaneous Intervention
		9	assoceventsyr9	During Catheterization
		10	assoceventsyr10	Post-Surgery
		11	assoceventsyr11	Post- Percutaneous Intervention
		12	assoceventsyr12	Cardiogenic Shock
		13	assoceventsyr13	Other/Unknown
		Field	d Annotation: @HIDDE	N-SURVEY

152	4is_there_a_new_chang e_in_m	Since enrollment date, have you had a change in marital status?	radio 1 No change 2 Changed to divorced 3 Changed to widowed 4 Changed to seperated 5 Changed to married
152	Show the field ONLY i f: [contactattyr]='1' or [c ontactattyr]='0' or [co ntactattyr]='2' or [psta tusyr] = '1' or [pstatus yr] = '0' or [pstatusyr] = '3'	Section Header: HOSPITALIZATIONS How many hospitalizations since Enrollment on [enrollment_1_arm_1][enroldt] or last follow-up on [1year_followup_arm_1][datecontactyr] (whichever's latest)?	text
152	Show the field ONLY i f: [fuhospitalizationyr] > = 1	1a.Medical Records Obtained/Verified	yesno 1 Yes 0 No
152	7hospdateyr1 Show the field ONLY i f: [fuhospitalizationyr] > = 1	2a.Date:	text (date_mdy)
152	Shospitalizedyr1 Show the field ONLY i f: [fuhospitalizationyr] > = 1	3a.Hospitalized	yesno 1 Yes 0 No
152	9hospnameyr1 Show the field ONLY i f: [fuhospitalizationyr] > = 1	4a.Hospital Name	text
153	Ovisitypeyr1 Show the field ONLY i f: [fuhospitalizationyr] > = 1	5a.Visit Type	radio 1 Outpatient 2 Office Visit

153	1hospreasonyr1	6a.Reason	chec	:kbox	
	Show the field ONLY i f:		1	hospreasonyr11	Chest pain/Angina
	[fuhospitalizationyr] > = 1		2	hospreasonyr12	Myocardial Infarction
			3	hospreasonyr13	Heart Failure(CHF)
			4	hospreasonyr14	Cardiac Cath
			5	hospreasonyr15	PCI
			6	hospreasonyr16	PTA
			7	hospreasonyr17	CABG
			8	hospreasonyr18	Valve Surgery
			9	hospreasonyr19	Heart Transplant
			10	hospreasonyr110	Arrythmia
			11	hospreasonyr111	Cardioversion
			12	hospreasonyr112	Pacemaker
			13	hospreasonyr113	Defibrillator
			14	hospreasonyr114	Stress Test
			15	hospreasonyr115	Vascular
			16	hospreasonyr116	Stroke
			17	hospreasonyr117	TIA
			18	hospreasonyr118	Other
153	2othercommentyr1 Show the field ONLY i f: [hospreasonyr1(18)] = '1'	7a.Other Reason Comment	note	·S	
153	3fupmedrec2	1b.Medical Records Obtained/Verified	yesr	10	
	Show the field ONLY i f: [fuhospitalizationyr] >			Yes No	
	= 2				
153	4hospdateyr2	2b.Date:	text	(date_mdy)	
	Show the field ONLY i f:				
	[fuhospitalizationyr] > = 2				

Show the field ONLY i f: [fluhospitalizationyr] > = 2 4b.Hospital Name text Show the field ONLY i f: [fluhospitalizationyr] > = 2 153 Nisitypeyr2 Show the field ONLY i f: [fluhospitalizationyr] > = 2 153 Shospneasonyr2 Show the field ONLY i f: [fluhospitalizationyr] > = 2 153 Shospneasonyr2 Show the field ONLY i f: [fluhospitalizationyr] > = 2 153 Shospneasonyr2 Show the field ONLY i f: [fluhospitalizationyr] > = 2 Ab.Hospital Name text Tadio 1 Outpatient 2 Office Visit Chest pain/Angina 2 hospreasonyr2_1 Chest pain/Angina 2 hospreasonyr2_2 Myocardial Infarction 3 hospreasonyr2_3 Heart Failure(CHF) 4 hospreasonyr2_4 Cardiac Cath 5 hospreasonyr2_5 PCI 6 hospreasonyr2_6 PTA 7 hospreasonyr2_7 CABG		Efficity Cardiovascular Biobank NEBCap				
Show the field ONLY f. fuhospitalizationyr] >	1535h	nospitalizedyr2	3b.Hospitalized			
Equivariant Figure Figur	1			-		
153 shospnameyr2 4b.Hospital Name text				0	No	
Show the field ONLY i	1	· · · · · · · · · · · · · · · · · · ·				
f:	1536h	nospnameyr2	4b.Hospital Name	text		
Equipment Sh.Visit per Sh.Visit Type	I I					
153 Visitypeyr2 Sb. Visit Type Show the field ONLY if f. [Tuhospitalizationyr] > = 2 Show the field ONLY if f. [Tuhospitalizationyr]						
Show the field ONLY i f: [fuhospitalizationyr] > = 2 1538hospreasonyr2 Show the field ONLY i f: [fuhospitalizationyr] > = 2 6b.Reason 6b.Reason 6b.Reason 6b.Reason 6b.Reason 6b.Reason 7b. 1						
f: [fuhospitalizationyr] >	1537\	visitypeyr2	5b.Visit Type	radi	0	
[fuhospitalizationyr] > = 2 1538hospreasonyr2 Show the field ONLY i f. [Ifuhospitalizationyr] > = 2 1538hospreasonyr2 Show the field ONLY i f. [Ifuhospitalizationyr] > = 2 1538hospreasonyr2				1	Outpatient	
= 2				2	Office Visit	
Show the field ONLY i f: [fuhospitalizationyr] > = 2 1 hospreasonyr21 Chest pain/Angina 2 hospreasonyr22 Myocardial Infarction 3 hospreasonyr23 Heart Failure(CHF) 4 hospreasonyr25 PCI 6 hospreasonyr26 PTA 7 hospreasonyr27 CABG 8 hospreasonyr28 Valve Surgery 9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA						
f: [fuhospitalizationyr]> = 2 hospreasonyr2_2 Myocardial Infarction hospreasonyr2_3 Heart Failure(CHF) 4 hospreasonyr2_4 Cardiac Cath 5 hospreasonyr2_5 PCI 6 hospreasonyr2_6 PTA 7 hospreasonyr2_7 CABG 8 hospreasonyr2_8 Valve Surgery 9 hospreasonyr2_9 Heart Transplant 10 hospreasonyr2_10 Arrythmia 11 hospreasonyr2_11 Cardioversion 12 hospreasonyr2_12 Pacemaker 13 hospreasonyr2_13 Defibrillator 14 hospreasonyr2_14 Stress Test 15 hospreasonyr2_15 Vascular 16 hospreasonyr2_17 TIA	1538h	nospreasonyr2	6b.Reason	ched	kbox	
[fuhospitalizationyr] > = 2 2	1			1	hospreasonyr21	
Failure(CHF) 4 hospreasonyr2_4 Cardiac Cath 5 hospreasonyr2_5 PCI 6 hospreasonyr2_6 PTA 7 hospreasonyr2_7 CABG 8 hospreasonyr2_8 Valve Surgery 9 hospreasonyr2_9 Heart Transplant 10 hospreasonyr2_10 Arrythmia 11 hospreasonyr2_11 Cardioversion 12 hospreasonyr2_12 Pacemaker 13 hospreasonyr2_13 Defibrillator 14 hospreasonyr2_14 Stress Test 15 hospreasonyr2_15 Vascular 16 hospreasonyr2_16 Stroke 17 hospreasonyr2_17 TIA		[fuhospitalizationyr] >		2	hospreasonyr22	_
5 hospreasonyr25 PCI 6 hospreasonyr26 PTA 7 hospreasonyr27 CABG 8 hospreasonyr28 Valve Surgery 9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				3	hospreasonyr23	
6 hospreasonyr26 PTA 7 hospreasonyr27 CABG 8 hospreasonyr28 Valve Surgery 9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				4	hospreasonyr24	Cardiac Cath
7 hospreasonyr27 CABG 8 hospreasonyr28 Valve Surgery 9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				5	hospreasonyr25	PCI
8 hospreasonyr28 Valve Surgery 9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				6	hospreasonyr26	PTA
9 hospreasonyr29 Heart Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				7	hospreasonyr27	CABG
Transplant 10 hospreasonyr210 Arrythmia 11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				8	hospreasonyr28	Valve Surgery
11 hospreasonyr211 Cardioversion 12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				9	hospreasonyr29	
12 hospreasonyr212 Pacemaker 13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				10	hospreasonyr210	Arrythmia
13 hospreasonyr213 Defibrillator 14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				11	hospreasonyr211	Cardioversion
14 hospreasonyr214 Stress Test 15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				12	hospreasonyr212	Pacemaker
15 hospreasonyr215 Vascular 16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				13	hospreasonyr213	Defibrillator
16 hospreasonyr216 Stroke 17 hospreasonyr217 TIA				14	hospreasonyr214	Stress Test
17 hospreasonyr217 TIA				15	hospreasonyr215	Vascular
				16	hospreasonyr216	Stroke
18 hospreasonyr218 Other				17	hospreasonyr217	TIA
, , , , , , , , , , , , , , , , , , ,				18	hospreasonyr218	Other

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	Oothercommentyr2 Show the field ONLY if: [hospreasonyr2(18)] = '1'	7b.Other Reason Comment	notes
	ofupmedrec3 Show the field ONLY if: [fuhospitalizationyr] > = 3	1c.Medical Records Obtained/Verified	yesno 1 Yes 0 No
	hospdateyr3 Show the field ONLY i f: [fuhospitalizationyr] > = 3	2c.Date:	text (date_mdy)
	Chospitalizedyr3 Show the field ONLY if: [fuhospitalizationyr] > = 3	3c.Hospitalized	yesno 1 Yes 0 No
	Shospnameyr3 Show the field ONLY i f: [fuhospitalizationyr] > = 3	4c.Hospital Name	text
	lvisitypeyr3 Show the field ONLY i f: [fuhospitalizationyr] > = 3	5c.Visit Type	radio 1 Outpatient 2 Office Visit

1545hospreasonyr3	6c.Reason	ched	kbox	
Show the field ONLY i f:		1	hospreasonyr31	Chest pain/Angina
[fuhospitalizationyr] > = 3		2	hospreasonyr32	Myocardial Infarction
		3	hospreasonyr33	Heart Failure(CHF)
		4	hospreasonyr34	Cardiac Cath
		5	hospreasonyr35	PCI
		6	hospreasonyr36	PTA
		7	hospreasonyr37	CABG
		8	hospreasonyr38	Valve Surgery
		9	hospreasonyr39	Heart Transplant
		10	hospreasonyr310	Arrythmia
		11	hospreasonyr311	Cardioversion
		12	hospreasonyr312	Pacemaker
		13	hospreasonyr313	Defibrillator
		14	hospreasonyr314	Stress Test
		15	hospreasonyr315	Vascular
		16	hospreasonyr316	Stroke
		17	hospreasonyr317	TIA
		18	hospreasonyr318	Other
1546othercommentyr3 Show the field ONLY i f: [hospreasonyr3(18)] = '1'	7c.Other Reason Comment	note	25	
1547fupmedrec4	1d.Medical Records Obtained/Verified	yesr		
Show the field ONLY i			Yes	
f: [fuhospitalizationyr] > = 4		0	No	
1548hospdateyr4	2d.Date:	text	(date_mdy)	
Show the field ONLY if:				
[fuhospitalizationyr] > = 4				

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1549hospitalizedyr4 3d.Hospitalized			yesno			
Show the field ONLY i		1	Yes			
f:		0	No			
[fuhospitalizationyr] > = 4			<u>,</u>			
1550hospnameyr4	4d.Hospital Name	text				
Show the field ONLY i						
f: [fuhospitalizationyr] >						
= 4						
1551visitypeyr4	5d.Visit Type	radi				
Show the field ONLY i		1	Outpatient			
f: [fuhospitalizationyr] >		2	Office Visit			
= 4						
1552hospreasonyr4	6d.Reason	che	kbox			
Show the field ONLY if:		1	hospreasonyr41	Chest pain/Angina		
[fuhospitalizationyr] > = 4		2	hospreasonyr42	Myocardial Infarction		
		3	hospreasonyr43	Heart Failure(CHF)		
		4	hospreasonyr44	Cardiac Cath		
		5	hospreasonyr45	PCI		
		6	hospreasonyr46	PTA		
		7	hospreasonyr47	CABG		
		8	hospreasonyr48	Valve Surgery		
		9	hospreasonyr49	Heart Transplant		
		10	hospreasonyr410	Arrythmia		
		11	hospreasonyr411	Cardioversion		
		12	hospreasonyr412	Pacemaker		
		13	hospreasonyr413	Defibrillator		
		14	hospreasonyr414	Stress Test		
		15	hospreasonyr415	Vascular		
		16	hospreasonyr416	Stroke		
		17	hospreasonyr417	TIA		
		18	hospreasonyr418	Other		
1 1						

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Show the field ONLY i f: [hospreasonyr4(18)] =	7d.Other Reason Comment	notes
1554fupmedrec5 Show the field ONLY if: [fuhospitalizationyr] > = 5	1e.Medical Records Obtained/Verified	yesno 1 Yes 0 No
1555hospdateyr5 Show the field ONLY if: [fuhospitalizationyr] > = 5	2e.Date:	text (date_mdy)
1556hospitalizedyr5 Show the field ONLY i f: [fuhospitalizationyr] > = 5	3e.Hospitalized	yesno 1 Yes 0 No
1557hospnameyr5 Show the field ONLY i f: [fuhospitalizationyr] > = 5	4e.Hospital Name	text
1558visitypeyr5 Show the field ONLY i f: [fuhospitalizationyr] > = 5	5e.Visit Type	radio 1 Outpatient 2 Office Visit

	Show the field ONLY i f:		1	hospreasonyr51	Chest pain/Angina
	[fuhospitalizationyr] > = 5		2	hospreasonyr52	Myocardial Infarction
			3	hospreasonyr53	Heart Failure(CHF)
			4	hospreasonyr54	Cardiac Cath
			5	hospreasonyr55	PCI
			6	hospreasonyr56	PTA
			7	hospreasonyr57	CABG
			8	hospreasonyr58	Valve Surgery
			9	hospreasonyr59	Heart Transplant
			10	hospreasonyr510	Arrythmia
			11	hospreasonyr511	Cardioversion
			12	hospreasonyr512	Pacemaker
			13	hospreasonyr513	Defibrillator
			14	hospreasonyr514	Stress Test
			15	hospreasonyr515	Vascular
			16	hospreasonyr516	Stroke
			17	hospreasonyr517	TIA
			18	hospreasonyr518	Other
			19	hospreasonyr519	Unknown Reason
1560	Oothercommentyr5	7e.Other Reason Comment	note		
	Show the field ONLY i f: [hospreasonyr5(18)] = '1'				
1561	fupmedrec6	1f.Medical Records Obtained/Verified	yesr	10	
	Show the field ONLY i		1	Yes	
	f: [fuhospitalizationyr] > = 6		0	No	
1562	 Phospdateyr6	2f.Date:	text	(date_mdy)	
	Show the field ONLY i			- -	
	f: [fuhospitalizationyr] > = 6				

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1563hospitalizedyr6	3f.Hospitalized	yesno		
Show the field ONLY	i	1 Yes		
f:		0 No		
[fuhospitalizationyr] = 6	>			
1564hospnameyr6	4f.Hospital Name	text		
Show the field ONLY f:	i			
[fuhospitalizationyr] = 6	>			
1565visitypeyr6	5f.Visit Type	radio		
Show the field ONLY	i	1 Outpatient		
f:		2 Office Visit		
[fuhospitalizationyr] = 6	>			
1566hospreasonyr6	6f.Reason	checkbox		
Show the field ONLY f:	i	1 hospreasonyr61 Chest pain/Angina		
[fuhospitalizationyr] = 6	>	2 hospreasonyr62 Myocardial Infarction		
		3 hospreasonyr63 Heart Failure(CHF)		
		4 hospreasonyr64 Cardiac Cath		
		5 hospreasonyr65 PCI		
		6 hospreasonyr66 PTA		
		7 hospreasonyr67 CABG		
		8 hospreasonyr68 Valve Surgery		
		9 hospreasonyr69 Heart Transplant		
		10 hospreasonyr610 Arrythmia		
		11 hospreasonyr611 Cardioversion		
		12 hospreasonyr612 Pacemaker		
		13 hospreasonyr613 Defibrillator		
		14 hospreasonyr614 Stress Test		
		15 hospreasonyr615 Vascular		
		16 hospreasonyr616 Stroke		
		17 hospreasonyr617 TIA		
		18 hospreasonyr618 Other		
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156	7othercommentyr6 Show the field ONLY i f: [hospreasonyr6(18)] = '1'	7f.Other Reason Comment	notes
156	Bfupmedrec7 Show the field ONLY i f: [fuhospitalizationyr] > = 7	1f.Medical Records Obtained/Verified	yesno 1 Yes 0 No
156	9hospdateyr7 Show the field ONLY i f: [fuhospitalizationyr] > = 7	2f.Date:	text (date_mdy)
157	Ohospitalizedyr7 Show the field ONLY i f: [fuhospitalizationyr] > = 7	3f.Hospitalized	yesno 1 Yes 0 No
157	1hospnameyr7 Show the field ONLY i f: [fuhospitalizationyr] > = 7	4f.Hospital Name	text
157	2visitypeyr7 Show the field ONLY i f: [fuhospitalizationyr] > = 7	5f.Visit Type	radio 1 Outpatient 2 Office Visit

157Bhospreasonyr7	6f.Reason	ched	kbox	
Show the field ONL f:	Yi	1	hospreasonyr71	Chest pain/Angina
[fuhospitalizationyi]>	2	hospreasonyr72	Myocardial Infarction
		3	hospreasonyr73	Heart Failure(CHF)
		4	hospreasonyr74	Cardiac Cath
		5	hospreasonyr75	PCI
		6	hospreasonyr76	PTA
		7	hospreasonyr77	CABG
		8	hospreasonyr78	Valve Surgery
		9	hospreasonyr79	Heart Transplant
		10	hospreasonyr710	Arrythmia
		11	hospreasonyr711	Cardioversion
		12	hospreasonyr712	Pacemaker
		13	hospreasonyr713	Defibrillator
		14	hospreasonyr714	Stress Test
		15	hospreasonyr715	Vascular
		16	hospreasonyr716	Stroke
		17	hospreasonyr717	TIA
		18	hospreasonyr718	Other
1574othercommentyr7 Show the field ONL f: [hospreasonyr7(18 '1'		note	25	
1575fupmedrec8 Show the field ONL	1f.Medical Records Obtained/Verified	yesr 1	no Yes	
f: [fuhospitalizationyi		0	No	
1576hospdateyr8	2f.Date:	text	(date_mdy)	
Show the field ONL f: [fuhospitalizationy				
= 8	1			

	Emory Cardiovascular biobank NEDCap				
1577hospitalizedyr8	3f.Hospitalized	yesr	10		
Show the field ONLY i		1	Yes		
f:		0	No		
[fuhospitalizationyr] > = 8					
1578hospnameyr8	4f.Hospital Name	text			
Show the field ONLY if:					
[fuhospitalizationyr] > = 8					
1579visitypeyr8	5f.Visit Type	radi	0		
Show the field ONLY i		1	Outpatient		
f: [fuhospitalizationyr] >		2	Office Visit		
= 8					
1580hospreasonyr8	6f.Reason	che	ckbox		
Show the field ONLY i		1	hospreasonyr81	Chest pain/Angina	
[fuhospitalizationyr] > = 8		2	hospreasonyr82	Myocardial Infarction	
		3	hospreasonyr83	Heart Failure(CHF)	
		4	hospreasonyr84	Cardiac Cath	
		5	hospreasonyr85	PCI	
		6	hospreasonyr86	PTA	
		7	hospreasonyr87	CABG	
		8	hospreasonyr88	Valve Surgery	
		9	hospreasonyr89	Heart Transplant	
		10	hospreasonyr810	Arrythmia	
		11	hospreasonyr811	Cardioversion	
		12	hospreasonyr812	Pacemaker	
		13	hospreasonyr813	Defibrillator	
		14	hospreasonyr814	Stress Test	
		15	hospreasonyr815	Vascular	
		16	hospreasonyr816	Stroke	
		17	hospreasonyr817	TIA	
		18	hospreasonyr818	Other	

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Show the field ONLY i f: [hospreasonyr8(18)] =	7f.Other Reason Comment	notes
1582fupmedrec9 Show the field ONLY if: [fuhospitalizationyr] > = 9	1f.Medical Records Obtained/Verified	yesno 1 Yes 0 No
1583hospdateyr9 Show the field ONLY i f: [fuhospitalizationyr] > = 9	2f.Date:	text (date_mdy)
1584hospitalizedyr9 Show the field ONLY i f: [fuhospitalizationyr] > = 9	3f.Hospitalized	yesno 1 Yes 0 No
1585hospnameyr9 Show the field ONLY i f: [fuhospitalizationyr] > = 9	4f.Hospital Name	text
1586visitypeyr9 Show the field ONLY i f: [fuhospitalizationyr] > = 9	5f.Visit Type	radio 1 Outpatient 2 Office Visit

1587	hospreasonyr9	6f.Reason	chec	kbox	
	Show the field ONLY i f:		1	hospreasonyr91	Chest pain/Angina
	[fuhospitalizationyr] > = 9		2	hospreasonyr92	Myocardial Infarction
			3	hospreasonyr93	Heart Failure(CHF)
			4	hospreasonyr94	Cardiac Cath
			5	hospreasonyr95	PCI
			6	hospreasonyr96	PTA
			7	hospreasonyr97	CABG
			8	hospreasonyr98	Valve Surgery
			9	hospreasonyr99	Heart Transplant
			10	hospreasonyr910	Arrythmia
			11	hospreasonyr911	Cardioversion
			12	hospreasonyr912	Pacemaker
			13	hospreasonyr913	Defibrillator
			14	hospreasonyr914	Stress Test
			15	hospreasonyr915	Vascular
			16	hospreasonyr916	Stroke
			17	hospreasonyr917	TIA
			18	hospreasonyr918	Other
	othercommentyr9 Show the field ONLY i f: [hospreasonyr9(18)] = '1'	7f.Other Reason Comment	note	es	
1589	fupmedrec10	1f.Medical Records Obtained/Verified	yesr	10	
	Show the field ONLY if:			Yes No	
	[fuhospitalizationyr] > = 10				
1590	hospdateyr10	2f.Date:	text	(date_mdy)	
	Show the field ONLY i f:				
	[fuhospitalizationyr] > = 10				

72010		Timory Cardiovascular Biobank NEDC			
159	1hospitalizedyr10	3f.Hospitalized	yesr	10	
	Show the field ONLY i		1	Yes	
	f: [fuhospitalizationyr] >		0	No	
	= 10				
159	2hospnameyr10	4f.Hospital Name	text		
	Show the field ONLY i				
	f: [fuhospitalizationyr] >				
	= 10				
159	3visitypeyr10	5f.Visit Type	radio		
	Show the field ONLY i		1	Outpatient	
	f: [fuhospitalizationyr] >		2	Office Visit	
	= 10				
159	4hospreasonyr10	6f.Reason	chec	kbox	
	Show the field ONLY i		1	hospreasonyr101	Chest pain/Angina
	[fuhospitalizationyr] > = 10		2	hospreasonyr102	Myocardial Infarction
			3	hospreasonyr103	Heart Failure(CHF)
			4	hospreasonyr104	Cardiac Cath
			5	hospreasonyr105	PCI
			6	hospreasonyr106	PTA
			7	hospreasonyr107	CABG
			8	hospreasonyr108	Valve Surgery
			9	hospreasonyr10 <u>9</u>	Heart Transplant
			10	hospreasonyr1010	Arrythmia
			11	hospreasonyr1011	Cardioversion
			12	hospreasonyr1012	Pacemaker
			13	hospreasonyr1013	Defibrillator
			14	hospreasonyr1014	Stress Test
			15	hospreasonyr1015	Vascular
			16	hospreasonyr1016	Stroke
			17	hospreasonyr1017	TIA
			18	hospreasonyr1018	Other
<u> </u>		<u>l</u>		<u> </u>	

159	5othercommentyr10	7f.Other Reason Comment	notes
	Show the field ONLY i f:		
	[hospreasonyr10(18)] = '1'		
159	6otherhosp8	8. Other Hospitalizations	notes
	Show the field ONLY i f:		
	[fuhospitalizationyr] > = 11		
159	7hypertensiondiagyr	Section Header: Since date of enrollment, have you been diagnosed with any of the following diseases?	radio
		Hypertension	1 Yes
			0 No
			9 Unknown
			Custom alignment: RH
159	8datediagbpyr	Date of Diagnosis	text (date_mdy)
	Show the field ONLY i		
	f: [hypertensiondiagyr]		
	= '1'		
159	9treatmentbpyr	Treatment	checkbox
	Show the field ONLY i f:		0 treatmentbpyr0 None
	i. [hypertensiondiagyr]		1 treatmentbpyr1 Meds
	= '1'		Custom alignment: RH
160	Odiabetesdiagyr	Diabetes	radio
			1 Yes
			0 No
			9 Unknown
			Custom alignment: RH
160	1datediagdiabyr	Date of Diagnosis	text (date_mdy)
	Show the field ONLY i		
	f: [diabetesdiagyr] = '1'		
160	2diabtypeyr	Туре	checkbox
	Show the field ONLY i		1 diabtypeyr1 Type I
	f:		2 diabtypeyr2 Type II
	[diabetesdiagyr] = '1'		

1603diabtreatyr	Treatment	checkbox
Show the field ONLY i		1 diabtreatyr1 Insulin
f:		2 diabtreatyr2 Medications
[diabetesdiagyr] = '1'		3 diabtreatyr3 Diet
1604arr_diagyr	Arrhythmia	radio 1 Yes 0 No 9 Unknown Custom alignment: RH
1605datediagarryr Show the field ONLY i f: [arr_diagyr] = '1'	Date of Diagnosis	text (date_mdy)
1606arr_typeyr	Туре	checkbox
Show the field ONLY i		1 arr_typeyr1 Atrial Fibrillation
f: [arr_diagyr] = '1'		2 arr_typeyr2 Atrial Flutter
[urr_diagyr]		3 arr_typeyr3 SVT
		4 arr_typeyr4 VT
		5 arr_typeyr5 Other/Unknown
1607arrtreatyr	Treatment	checkbox
Show the field ONLY i		1 arrtreatyr1 Medications
f: [arr_diagyr] = '1'		2 arrtreatyr2 DC Cardioversion
[urr_ulugyr]		3 arrtreatyr3 EP RF ablation
		4 arrtreatyr4 Other/Unknown
1608valveddiagyr	Valve Disease	radio 1 Yes 0 No 9 Unknown Custom alignment: RH
1609datediagvalvedyr	Date of Diagnosis	text (date_mdy)
Show the field ONLY if:		
[valveddiagyr] = '1'		

161	Otypevalvedyr	Туре	che	eckbox	
	Show the field ONLY i		1	typevalvedyr1	Aortic Stenosis
	f: [valveddiagyr] = '1'		2	typevalvedyr2	Aortic Insufficiency
			3	typevalvedyr3	Mitral Stenosis
			4	typevalvedyr4	Mitral Insufficiency
			5	typevalvedyr5	Tricupsid Insufficiency
			6	typevalvedyr6	Other/Unknown
161	1valvedtreatyr	Treatment	che	eckbox	
	Show the field ONLY i		1	valvedtreatyr1	None
	f: [valveddiagyr] = '1'		2	valvedtreatyr2	Surgery
	[valveddiagyr] = 1		3	valvedtreatyr3	Valvuloplasty
161	2osadiagyr	OSA (Obstructive Sleep Apnea)	rac	lio	
			1	Yes	
			0	No	
			9	Unknown	
			Cu	stom alignment: RF	ł
161	3datediagosayr	Date of Diagnosis	tex	t (date_mdy)	
	Show the field ONLY i				
	f: [osadiagyr] = '1'				
161	4osatreatyr	Treatment	rac	lio	
	Show the field ONLY i		1	CPAP-Yes	
	f: [osadiagyr] = '1'		2	CPAP-No	
161	5cancerdiagyr	Cancer	rac	lio	
101	pearreeralagy	Carreer	1	Yes	
			0	No	
			9	Unknown	
				stom alignment: RF	ł
161	6datediagcanceryr	Date of Diagnosis	tex	t (date_mdy)	
	Show the field ONLY i f:				
	[cancerdiagyr]=1				
161	7typecanceryr	Туре	not	tes	
	Show the field ONLY i				
	f: [cancerdiagyr]=1				

161	Bcancertreatyr	Treatment	checkbox
	Show the field ONLY i		1 cancertreatyr1 None
	f:		2 cancertreatyr2 Chemotherapy
	[cancerdiagyr]=1		3 cancertreatyr3 Radiotherapy
			4 cancertreatyr4 Surgery
			5 cancertreatyr5 Other
4.54	25	Continue Llondow MCD/CATION/C	
161	9fupasp	Section Header: MEDICATIONS Aspirin (blood thinner)	radio (Matrix)
		, spirit (slood diminer)	
			0 No
162	Ofupclop	Clopidogrel ("Plavix", blood thinner)	radio (Matrix)
			1 Yes
			0 No
162	1fupbetab	Beta-Blocker (blood pressure, slows down the	radio (Matrix)
		heart)	1 Yes
			0 No
162	2fupccb	Calcium Channel Blocker (relaxes blood vessels,	radio (Matrix)
		reduces workload of heart)	1 Yes
			0 No
162	3fupace	ACE-Inhibitor (reduces blood pressure used for	radio (Matrix)
		blood pressure and heart failure)	1 Yes
			0 No
162	4fuparb	Angiotensin Receptor Blocker (reduces blood	radio (Matrix)
		pressure used for blood pressure and heart failure)	1 Yes
		lanure)	0 No
162	5fupaldo	Aldosterone Antagonists (water pill for fluid	radio (Matrix)
		reduction and high blood pressure)	1 Yes
			0 No
162	6fuphydro	Hydrochlorothiazide (water pill for fluid	radio (Matrix)
		reduction and high blood pressure)	1 Yes
			0 No
162	7fupfuro	Furosemide (water pill for fluid reduction and	radio (Matrix)
. 52		high blood pressure)	1 Yes
			0 No
162	Bfupnitr	Nitrates (relaxes arteries and used for chest	radio (Matrix)
102	ριαριπι	pains)	1 Yes
			0 No

	<u> </u>	<u>'</u>
1629fupeze	Ezetemibe (cholesterol lowering)	radio (Matrix) 1 Yes 0 No
1630fupnia	Niacin (lowers cholesterol)	radio (Matrix) 1 Yes 0 No
1631fupstat	Statin (lowers cholesterol)	radio (Matrix) 1 Yes 0 No
1632fupfibr	Fibrate (lowers triglycerides)	radio (Matrix) 1 Yes 0 No
1633fupmetf	Metformin (blood sugars)	radio (Matrix) 1 Yes 0 No
1634fupwarf	Warfarin ("Coumadin" blood thinner)	radio (Matrix) 1 Yes 0 No
1635fupothmeds	Other	notes
1635yrfupcommentsyr	Comments- Follow-Up:	notes Field Annotation: @HIDDEN-SURVEY
1637adjudication	Is this case adjudicated?	yesno 1 Yes 0 No
1638followup_complete	Section Header: Form Status Complete?	Field Annotation: @HIDDEN-SURVEY dropdown 0 Incomplete 1 Unverified 2 Complete
Instrument: Congenita	Il Heart Disease (congenital_heart_disease)	
1639congenital_binary	Does patient have history of congenital heart disease?	radio, Required 1 Yes 2 No

1640type_congenital	What type of Congenital heart disease?	dropdown (autocomplete)			
	What type or congernation near transcase.	16 Tetralogy of Fallot (ToF)			
		17 Atrial Septal Defect (ASD)			
		18 Ventricular Septal Defect (VSD)			
		19 Patent Ductus Arteriosis (PDA)			
		20 Coarctation of the Aorta (CoA)			
		21 Complete Atrioventricular Canal defect (CAVC)			
		22 d-Transposition of the great arteries			
		23 I-transposition of the great arteries			
		24 Ebstein's Anomaly			
		25 Aortic Valve Stenosis (AVS)			
		26 Pulmonary Valve Stenosis			
		27 Single Ventricle Defects			
		28 Total Anomalous Pulmonary Venous Connection (TAPVC)			
		29 Truncus Arteriosus			
		30 others			
1641others	others	notes			
1642congenital_heart_dise	Section Header: Form Status Complete?	dropdown			
ase_complete		0 Incomplete			
		1 Unverified			
		2 Complete			
Instrument: Chronic bu	Instrument: Chronic burden (chronic_burden)				
1643chron1	Please tell us whether ongoing health problems have been a problem for you in the past 6 months	radio, Required			
		1 No, didn't happen			
		2 Yes, but not upsetting			
		3 Yes, somewhat upsetting			
		4 Yes, very upsetting			
1644chron2	Please tell us whether ongoing physical or emotional problems (husband/partner or child) have been a problem for you in the past 6 months	radio, Required			
		1 No, didn't happen			
		2 Yes, but not upsetting			
		3 Yes, somewhat upsetting			
		4 Yes, very upsetting			

1645chron3	Please tell us whether ongoing problem with alcohol or drug use in family member has been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1645chron4	Please tell us whether ongoing difficulties at work have been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1647chron5	Please tell us whether ongoing financial strain has been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1648chron6	Please tell us whether ongoing housing problems have been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1649chron7	Please tell us whether ongoing problems in a close relationship have been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1650chron8		
	Please tell us whether helping at least one sick, limited, or frail family member or friend on a regular basis has been a problem for you in the past 6 months	radio, Required 1 No, didn't happen 2 Yes, but not upsetting 3 Yes, somewhat upsetting 4 Yes, very upsetting
1651chron9	limited, or frail family member or friend on a regular basis has been a problem for you in the	1 No, didn't happen2 Yes, but not upsetting3 Yes, somewhat upsetting

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165Bchronic_burden_co	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete		
Instrument: test (test)				
165 ₄ v1	Section Header: <i>Angio</i> v1	radio (Matrix - ranking), Required 0 Very Poor 1 Average 2 Excellent		
1655v2	v2	radio (Matrix - ranking), Required 0 Very Poor 1 Average 2 Excellent		
1656vv1	vv1	checkbox, Required 0 vv10 No 1 vv11 Yes		
1657vv2	vv2	checkbox, Required 0 w20 No 1 w21 Yes		
1658test_complete	Section Header: Form Status Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete		