COVID-19 and Cancer Consortium (CCC19) Registry   `PID 108899`

📖 Codebook ▾

📖 Data Dictionary Codebook   08/11/2020 9:15am

⌃ Collapse all instruments

#	Variable / Field Name	Field Label *Field Note*	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: **Screening form** (screening_form) 📲 Enabled as survey			⌃ Collapse
1	record_id	Study ID	text
2	inclusion_yn	Do you intend to make a report on a patient who has a presumptive or lab-proven diagnosis of COVID-19 and has a current or past medical history of an invasive malignancy?	yesno, Required 1 Yes 0 No
3	exclude Show the field ONLY if: [inclusion_yn] = '0'	We're sorry, but this survey is is intended to report on patients with COVID-19 and cancer. Non-melanoma skin cancer, in situ cancers, and premalignant conditions are excluded. Please click the button to exit the survey.	radio x Exit the survey Stop actions on x
4	previous_report Show the field ONLY if: [inclusion_yn] = '1'	Have you previously reported this patient to this or any other registry?	radio, Required 1 No 2 This registry 3 Another registry
5	this_registry Show the field ONLY if: [previous_report] = '2'	If you have additional follow-up information to add to an existing report, you should return to that report and update the content.	descriptive
6	registry_other Show the field ONLY if: [previous_report] = '3'	Please feel free to fill out the survey. In order to help us avoid duplication with other complementary efforts, please optionally list the names of the other registries that you have reported to.	text
7	ccc19 Show the field ONLY if: [inclusion_yn] = '1'	Are you reporting on behalf on an institution participating in the CCC19 consortium?	yesno, Required 1 Yes 0 No
8	ccc19_institution Show the field ONLY if: [ccc19] = '1'	Please identify the participating institution.	dropdown (autocomplete), Required 181 Albert Einstein Cancer Center 101 Aurora Health Care 158 Baptist Cancer Center (Memphis, TN) 196 Baptist Healthcare System (IN/KY) 1-109 Barrow Neurological Institute 163 Baylor College of Medicine 39-6 BC Cancer 162 Beth Israel Deaconess Medical Center (BIDMC) 192 Boston Medical Center 139 Brown University 167 Cancer Treatment Centers of America (CTCA) 392 Centre Hospitalier de l'Université de Montréal (CHUM) 140-2 Centro Médico ABC 102 City of Hope 103 Cleveland Clinic 133 Columbia University/New York Presbyterian 188 Cook County Hospital 104 Dana-Farber Cancer Institute (DFCI) 105 Duke University 143 Einstein Medical Center 106 Emory University/Winship Cancer Institute

107	Fred Hutchinson Cancer Research Center/University of Washington/Seattle Cancer Care Alliance
1-101	Geisinger Health System
1-104	Georgetown Lombardi Comprehensive Cancer Center at Georgetown University
1-110	George Washington University
138	Gundersen Health System
395	Hamilton Health Sciences
1-103	Harold C. Simmons Comprehensive Cancer Center at the University of Texas Southwestern Medical Center
144	Hartford HealthCare Cancer Institute
189	Henry Ford Cancer Institute
394	Hôpital Pierre-Le Gardeur
140-3	Hospital General de México
140-4	Hospital Regional de Alta Especialidad de Ixtalapuca
151	Houston Methodist Cancer Center
168	Huntsman Cancer Institute
146	Inova Schar Cancer Institute
140-1	Instituto Nacional de Cancerología
108	Intermountain Healthcare
109	Johns Hopkins University
177	Kaiser Permanente Northwest
152	Karmanos Cancer Institute
193	Lewis Cancer & Research Pavilion @ St. Joseph's/Candler
178	Loma Linda University Cancer Center
155	Loyola University Medical Center
142	LSU Health Sciences Center
190	Markey Cancer Center at the University of Kentucky
110	Massachusetts General Hospital (MGH)
111	Mayo Clinic
112	Mays Cancer Center at UT Health San Antonio
391	McGill University Health Centre
113	MD Anderson Cancer Center
131	Medical University of South Carolina/Hollings Cancer Center
1-112	Meharry Medical College
182	Memorial Sloan-Kettering Cancer Center (MSKCC)
197	Michigan Center of Medical Research
172	Missouri Baptist Cancer Center
137	Moffitt Cancer Center
176	Mount Auburn Hospital
160	Mount Carmel Health System
114	Mount Sinai/Tisch Cancer Institute
115	Northwell Health
1-107	Northwest Medical Specialties
116	Northwestern University/Lurie Cancer Center
147	NYU Langone Health/Perlmutter Cancer Center
154	Oregon Health & Sciences University/Knight Cancer Institute (OHSU)

199	Parkview Cancer Institute/Parkview Research Center
149	Penn State Cancer Institute
198	Penn State Health St. Joseph Cancer Center
150	Roswell Park Comprehensive Cancer Center
179	Rush University Medical Center
117	Rutgers Cancer Institute of New Jersey
393	Segal Cancer Centre, Jewish General Hospital, McGill University
185	Sidney Kimmel Cancer Center at Thomas Jefferson University
140	SSM Health Cancer Care
183	Stamford Hospital
118	Stanford University
134	St. Elizabeth Healthcare
195	Sutter Health
119	Ohio State University Comprehensive Cancer Center
1-102	Tallahassee Memorial Healthcare
180	ThedaCare Cancer Care
173	Thompson Cancer Survival Center
1-113	Tripler Army Medical Center
159	Tufts Medical Center
187	UCLA Jonsson Comprehensive Cancer Center
136	University Hospitals, Cleveland
120	University of California, Davis
121	University of California, San Diego (UCSD)
135	University of California, San Francisco (UCSF)
141	University of Chicago
166	University of Cincinnati Cancer Center
148	University of Colorado Cancer Center
122	University of Connecticut
161	University of Florida Health Cancer Center
156	University of Hawaii Cancer Center
169	University of Illinois at Chicago (UIC)
165	University of Iowa Holden Comprehensive Cancer Center
123	University of Kansas
1-105	University of Louisville James Graham Brown Cancer Center
124	University of Maryland
125	University of Miami/Sylvester Comprehensive Cancer Center
153	University of Michigan/Rogel Cancer Center
126	University of Minnesota
1-106	University of Mississippi Medical Center
184	University of Nebraska Medical Center/Buffett Cancer Center
127	University of North Carolina/Lineberger Comprehensive Cancer Center
132	University of Rochester Medical Center
174	University of Wisconsin Carbone Cancer Center
1100	UPMC Western Maryland
128	Vanderbilt University Medical Center/Vanderbilt-Ingram Cancer Center

			1-111	Vidant Medical Center, East Carolina University
			191	Virginia Mason Cancer Institute
			186	Virtua Health
			157	Wake Forest Baptist Comprehensive Cancer Center
			129	Washington University in St. Louis/Siteman Cancer Center
			164	Weill Cornell Medicine/Meyer Cancer Center
			170	WellSpan Health
			194	Wentworth-Douglass Hospital
			130	West Cancer Center
			171	Willis-Knighton Cancer Center
			145	Yale New Haven Health/Smilow Cancer Hospital
			1-108	Yuma Regional Medical Center
			9999	TEST

9	hcw_screen Show the field ONLY if: [ccc19] = '0'	Are you a healthcare provider or entering data on a healthcare provider's behalf?	yesno, Required 1 Yes 0 No
10	hcw_exclude Show the field ONLY if: [hcw_screen] = '0'	This survey is currently open only to healthcare professionals or those entering data on behalf of a healthcare professional. If you are a patient or care partner looking to enter data about yourself or someone you know, please know we are currently working on strategies to reach out to you. If you would like to learn more about patient involvement in CCC19, check our website - we will update our website as we develop more ways for patients to get involved. Thank you for your patience! Please click the button below to exit the survey.	radio x Exit the survey Stop actions on x
11	location Show the field ONLY if: [ccc19] = '0'	Are you based in any of the listed countries or regions?	radio, Required 1 United States or the U.S. territories EU European Union (EU) 11 Argentina 39 Canada 140 Mexico 224 United Kingdom 83 Germany 107 Italy 197 Spain 0 No - I am not based in any of those countries or regions Field Annotation: @HIDECHOICE = '83,107,197'
12	intl_stop Show the field ONLY if: [location] = '0'	We're sorry, but the IRB does not allow us to collect data from your country at this time. However, we are actively looking into adding international participation on a country-by-country basis. Please visit our website for more information; you will be redirected there once you end the survey by clicking the button.	radio, Required x Exit the survey Stop actions on x
13	screening_form_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: Patient Demographics (patient_demographics)   🔁 Enabled as survey   ⌃ Collapse

14	ts_1	Timestamp for the first form	text (datetime_dmy) Field Annotation: @HIDDEN @NOW_UTC
15	local_id	This field will only hold metadata for those sites using local REDCap instances and exporting to this database. It hold the local database record_id	text (integer) Field Annotation: @HIDDEN
16	patient_id Show the field ONLY if: [ccc19] = '1'	Please enter your local unique patient identifier here (no PHI!). If this is a test case, please enter "9999".	text (integer, Min: 1), Required

17	age	Section Header: *Patient Demographics - mandatory This section asks about patient information at the time of the COVID-19 diagnosis or during the first known encounter for COVID-19 as available for data entry.* Age at COVID-19 diagnosis (years)	radio, Required

	Younger than 18
1	Younger than 18
2	18-29
3	30-39
4	40-49
5	50-59
6	60-69
7	70-79
8	80-89
9	Older than 90
10	Unknown

18	peds_contact Show the field ONLY if: [age] = '1'	We have interest in collecting additional information about pediatric patients, but these more specific details would require PHI and are thus currently out of scope. You may learn more about this effort by visiting the CCC19 website (clicking this link will open a new window).	descriptive
19	age_exact Show the field ONLY if: [age] = '2' or [age] = '3' or [age] = '4' or [age] = '5' or [age] = '6' or [age] = '7' or [age] = '8'	Exact age at COVID-19 diagnosis (Note: you should only enter a number between 18-89, as ages outside of this range are considered PHI)	text (integer, Min: 18, Max: 89)
20	gender	Gender	dropdown, Required

0	Female
1	Male
2	Other
3	Prefer not to say

Field Annotation: SNOMED: 263495000

21	country_of_patient_residen	Country of patient residence	dropdown (autocomplete), Required

1	United States of America (USA)
x	------------------
2	Afghanistan
3	Albania
4	Algeria
5	American Samoa
6	Andorra
7	Angola
8	Anguilla
9	Antarctica
10	Antigua and Barbuda
11	Argentina
12	Armenia
13	Aruba
14	Australia
15	Austria
16	Azerbaijan
17	Bahamas
18	Bahrain
19	Bangladesh
20	Barbados
21	Belarus
22	Belgium
23	Belize
24	Benin
25	Bermuda
26	Bhutan
27	Bolivia
28	Bosnia and Herzegovina

29	Botswana
30	Bouvet Island
31	Brazil
32	British Indian Ocean Territory
33	Brunei Darussalam
34	Bulgaria
35	Burkina Faso
36	Burundi
37	Cambodia
38	Cameroon
39	Canada
40	Cape Verde
41	Cayman Islands
42	Central African Republic
43	Chad
44	Chile
45	China
46	Christmas Island
47	Cocos (Keeling Islands)
48	Colombia
49	Comoros
50	Congo
51	Cook Islands
52	Costa Rica
53	Cote D'Ivoire (Ivory Coast)
54	Croatia (Hrvatska
55	Cuba
56	Cyprus
57	Czech Republic
58	Denmark
59	Djibouti
60	Dominica
61	Dominican Republic
62	East Timor
63	Ecuador
64	Egypt
65	El Salvador
66	Equatorial Guinea
67	Eritrea
68	Estonia
69	Ethiopia
70	Falkland Islands (Malvinas)
71	Faroe Islands
72	Fiji
73	Finland
74	France
77	French Guiana
78	French Polynesia
79	French Southern Territories
80	Gabon
81	Gambia
82	Georgia
83	Germany
84	Ghana

85	Gibraltar
86	Greece
87	Greenland
88	Grenada
89	Guadeloupe
90	Guam
91	Guatemala
92	Guinea
93	Guinea-Bissau
94	Guyana
95	Haiti
96	Heard and McDonald Islands
97	Honduras
98	Hong Kong
99	Hungary
100	Iceland
101	India
102	Indonesia
103	Iran
104	Iraq
105	Ireland
106	Israel
107	Italy
108	Jamaica
109	Japan
110	Jordan
111	Kazakhstan
112	Kenya
113	Kiribati
114	Korea (North)
115	Korea (South)
116	Kuwait
117	Kyrgyzstan
118	Laos
119	Latvia
120	Lebanon
121	Lesotho
122	Liberia
123	Libya
124	Liechtenstein
125	Lithuania
126	Luxembourg
127	Macau
128	Macedonia
129	Madagascar
130	Malawi
131	Malaysia
132	Maldives
133	Mali
134	Malta
135	Marshall Islands
136	Martinique
137	Mauritania
138	Mauritius

139	Mayotte
140	Mexico
141	Micronesia
142	Moldova
143	Monaco
144	Mongolia
145	Montserrat
146	Morocco
147	Mozambique
148	Myanmar
149	Namibia
150	Nauru
151	Nepal
152	Netherlands
153	Netherlands Antilles
154	New Caledonia
155	New Zealand
156	Nicaragua
157	Niger
158	Nigeria
159	Niue
160	Norfolk Island
161	Northern Mariana Islands
162	Norway
163	Oman
164	Pakistan
165	Palau
166	Panama
167	Papua New Guinea
168	Paraguay
169	Peru
170	Philippines
171	Pitcairn
172	Poland
173	Portugal
174	Puerto Rico
175	Qatar
176	Reunion
177	Romania
178	Russian Federation
179	Rwanda
180	Saint Kitts and Nevis
181	Saint Lucia
182	Saint Vincent and The Grenadines
183	Samoa
184	San Marino
185	Sao Tome and Principe
186	Saudi Arabia
187	Senegal
188	Seychelles
189	Sierra Leone
190	Singapore
191	Slovak Republic
192	Slovenia

	193	Solomon Islands
	194	Somalia
	195	South Africa
	196	S. Georgia and S. Sandwich Isls.
	197	Spain
	198	Sri Lanka
	199	St. Helena
	200	St. Pierre and Miquelon
	201	Sudan
	202	Suriname
	203	Svalbard and Jan Mayen Islands
	204	Swaziland
	205	Sweden
	206	Switzerland
	207	Syria
	208	Taiwan
	209	Tajikistan
	210	Tanzania
	211	Thailand
	212	Togo
	213	Tokelau
	214	Tonga
	215	Trinidad and Tobago
	216	Tunisia
	217	Turkey
	218	Turkmenistan
	219	Turks and Caicos Islands
	220	Tuvalu
	221	Uganda
	222	Ukraine
	223	United Arab Emirates
	224	United Kingdom (Britain / UK)
	225	US Minor Outlying Islands
	226	Uruguay
	227	Uzbekistan
	228	Vanuatu
	229	Vatican City State (Holy See)
	230	Venezuela
	231	Viet Nam
	232	Virgin Islands (British)
	233	Virgin Islands (US)
	234	Wallis and Futuna Islands
	235	Western Sahara
	236	Yemen
	237	Yugoslavia
	238	Zaire
	239	Zambia
	240	Zimbabwe

Field Annotation: SNOMED: 223369002

22	state_of_patient_residence Show the field ONLY if: [country_of_patient_residen] = '1'	State or territory of patient residence	dropdown (autocomplete), Required
			AL Alabama (AL)
			AK Alaska (AK)
			AZ Arizona (AZ)
			AR Arkansas (AR)

			CA	California (CA)
			CO	Colorado (CO)
			CT	Connecticut (CT)
			DE	Delaware (DE)
			FL	Florida (FL)
			GA	Georgia (GA)
			HI	Hawaii (HI)
			ID	Idaho (ID)
			IL	Illinois (IL)
			IN	Indiana (IN)
			IA	Iowa (IA)
			KS	Kansas (KS)
			KY	Kentucky (KY)
			LA	Louisiana (LA)
			ME	Maine (ME)
			MD	Maryland (MD)
			MA	Massachusetts (MA)
			MI	Michigan (MI)
			MN	Minnesota (MN)
			MS	Mississippi (MS)
			MO	Missouri (MO)
			MT	Montana (MT)
			NE	Nebraska (NE)
			NV	Nevada (NV)
			NH	New Hampshire (NH)
			NJ	New Jersey (NJ)
			NM	New Mexico (NM)
			NY	New York (NY)
			NC	North Carolina (NC)
			ND	North Dakota (ND)
			OH	Ohio (OH)
			OK	Oklahoma (OK)
			OR	Oregon (OR)
			PA	Pennsylvania (PA)
			RI	Rhode Island (RI)
			SC	South Carolina (SC)
			SD	South Dakota (SD)
			TN	Tennessee (TN)
			TX	Texas (TX)
			UT	Utah (UT)
			VT	Vermont (VT)
			VA	Virginia (VA)
			WA	Washington (WA)
			WV	West Virginia (WV)
			WI	Wisconsin (WI)
			WY	Wyoming (WY)
			DC	District of Columbia (DC)
			AS	American Samoa (AS)
			GU	Guam (GU)
			MP	Northern Mariana Islands (MP)
			PR	Puerto Rico (PR)
			VI	U.S. Virgin Islands (VI)
23	city	What is the name of the city where the patient is receiving medical care? Optional, but will help with avoiding duplicate reports.	text	

24	facility	What is the name of the healthcare facility where the patient is presenting? Optional, but will help with avoiding duplicate reports. If the facility is a satellite to a larger center, please specify in this field.	text

| 25 | more_demographics

Show the field ONLY if:
[ccc19] = '0' | Section Header: *Patient demographics - optional This section asks about patient information at the time of the COVID-19 diagnosis or during the first known encounter for COVID-19 as available for data entry.*

Would you like to answer additional demographic questions? This is optional but will really help us understand the granular details better. | yesno

| 1 | Yes |
0	No	

26	race Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Patient-reported race (check all that apply if patient identifies with more than one race)	checkbox

Code	Variable	Label
1002-5	race___1002_5	American Indian/Alaska Native
2028-9	race___2028_9	Asian
2076-8	race___2076_8	Native Hawaiian or Other Pacific Islander
2054-5	race___2054_5	Black or African American
2106-3	race___2106_3	White
2131-1	race___2131_1	Other
UNK	race___unk	Unknown / Not Reported

Field Annotation: Value Set: 2.16.840.1.114222.4.11.6065

27	ethnicity Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Patient-reported ethnicity	radio

2135-2	Hispanic or Latino
2186-5	NOT Hispanic or Latino
UNK	Unknown / Not Reported

Custom alignment: RH
Field Annotation: Value Set: 2.16.840.1.114222.4.11.837

28	urban_rural Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	What type of area does the patient primarily reside in?	radio

1	Urban (city)
2	Suburban (town, suburbs)
3	Rural (country)
88	Other
99	Unknown

29	insurance Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1' or [country_of_patient_re siden] = '1'	What is the patient's insurance status? Check all that apply; this should be the insurance status at the time of COVID-19 diagnosis.	checkbox

0	insurance___0	Not insured
1	insurance___1	Private insurance/managed care
2	insurance___2	Medicaid
3	insurance___3	Medicare
4	insurance___4	Other government
99	insurance___99	Unknown

30	hcw Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Is the patient a healthcare worker?	radio

0	No
1	Yes
99	Unknown

31	hcw_info Show the field ONLY if: [hcw] = '1'	We are currently developing a separate survey to collect more information on healthcare workers with cancer who have suspected or confirmed COVID-19. You may learn more about this effort by visiting the CCC19 website (clicking this link will open a new window).	descriptive

32	ecog_status Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	ECOG performance status prior to infection Please record the ECOG performance status closest to the time of infection. If the patient has not had an encounter with the medical system within 3 months of the COVID-19 diagnosis, you should choose "No ECOG PS recorded within 3 months prior to COVID-19 diagnosis".	radio

0	0: Fully active, able to continue with all pre-disease activities without restriction
1	1: Restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, e.g., light house work, office work
2	2: Ambulatory and capable of all self-care but unable to carry out any work activities. Up and about more than 50% of waking hours
3	3: Capable of only limited self-care. Confined to bed or chair more than 50% of waking hours
4	4: Completely disabled. Cannot carry on any self-care. Totally confined to bed or chair
88	No ECOG PS recorded within the 3 months prior to COVID-19 diagnosis
99	Unknown

33	smoking_status Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Smoking status	radio

1	Current smoker
2	Former smoker, NOS
2a	Former smoker, quit less than 1 year ago
2b	Former smoker, quit between 1 and 5 years ago
2c	Former smoker, quit between 6 and 10 years ago
2d	Former smoker, quit more than 10 years ago
3	Never smoker
99	Unknown

34	smoking_product Show the field ONLY if: [smoking_status] = '1' or [smokin g_status] = '2a'	Types of inhaled smoking products. Check all that apply.	checkbox

722496004	smoking_product___722496004	Cigarettes
722497008	smoking_product___722497008	Cigars
722498003	smoking_product___722498003	e-Cigarettes
722495000	smoking_product___722495000	Hookah pipe
OTH	smoking_product___oth	Other
UNK	smoking_product___unk	Unknown

Field Annotation: Variable:SNOMED 698101006; Value set:SNOMED

35	smoking_product_oth_specify Show the field ONLY if: [smoking_product(OTH)] = '1'	Please specify type of other smoking products Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
36	height Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Patient height, please specify units. If you know BMI, please skip this field and enter it below. If patient has not had any recent heights taken, ok to use values up to 12 months prior to COVID-19 diagnosis.	text
37	weight Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Patient weight, please specify units. If you know BMI, please skip this field and enter it below. If patient has not had any recent weights taken, ok to use values up to 3 months prior to COVID-19 diagnosis.	text
38	bmi Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Patient body mass index (BMI) in kg/m2	text (number, Min: 0)
39	surg_med_hx_header Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Surgical and Medical History	descriptive
40	recent_surgery Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Has the patient had a surgery of any kind in the past year? This should include but not be limited to cancer surgeries.	radio

0	No
1	Yes
99	Unknown

41	surgery_timing Show the field ONLY if: [recent_surgery] = '1'	What is the timing of the most recent surgery?	radio		

radio	
1	Within the past month
2	Within the past 1 to 3 months
3	Within the past 3 to 12 months
UNK	Unknown

| 42 | details_surgery

Show the field ONLY if:
[recent_surgery] = '1' | Additional details Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 43 | concomitant_meds

Show the field ONLY if:
[more_demographics] = '1' or [ccc19] = '1' | Concomitant medications being taken at time of presentation with COVID-19. Check all that apply. | checkbox |

checkbox

Code	Variable	Label
H02	concomitant_meds___h02	Systemic cortic
L04A	concomitant_meds___l04a	Immunosuppr
RXCUI-2393	concomitant_meds___rxcui_2393	Chloroquine
RXCUI-5521	concomitant_meds___rxcui_5521	Hydroxychlor (Plaquenil)
RXCUI-612865	concomitant_meds___rxcui_612865	Tocilizumab
C09A	concomitant_meds___c09a	ACE inhibitors
C09C	concomitant_meds___c09c	Angiotensin re (ARBs)
ATC-C10AA	concomitant_meds___atc_c10aa	Statins
J01	concomitant_meds___j01	Antibiotics
RXCUI-18631	concomitant_meds___rxcui_18631	Azithromycin (Pak)
HO-44995	concomitant_meds___ho_44995	Anti-virals
ATC-J05AR10	concomitant_meds___atc_j05ar10	Lopinavir/Rito
RXCUI-260101	concomitant_meds___rxcui_260101	Oseltamivir (Ta
N02BE01	concomitant_meds___n02be01	Tylenol (paracetamol/a
M01A	concomitant_meds___m01a	Ibuprofen, nap NSAIDs
N02BA	concomitant_meds___n02ba	Aspirin
B01AC	concomitant_meds___b01ac	Antiplatelet ag aspirin
A10BA02	concomitant_meds___a10ba02	Metformin
A11CC	concomitant_meds___a11cc	Vitamin D
B01A	concomitant_meds___b01a	Anticoagulatio
OTH	concomitant_meds___oth	Other
UNK	concomitant_meds___unk	Unknown
NONE	concomitant_meds___none	None

Custom alignment: LH
Field Annotation: Terminology: ATC, RxNorm

| 44 | steroid_specific_2

Show the field ONLY if:
[concomitant_meds(H02)] = '1' | Steroid dosing, in prednisone dose equivalents Note: 3 mg of dexamethasone is equivalent to 20 mg of prednisone, so any dose of dexamethasone of more than 3 mg/day (21 mg/week) would be equivalant to more than 20 mg of prednisone/day. | radio |

radio	
1	20 mg/day or below [low dose]
1a	10 mg/day or below [low dose]
1b	More than 10 mg/day up to 20 mg/day
2	More than 20 mg/day but less than 1mg/kg/day
3	Equal to or greater than 1 mg/kg/day
99	Unknown

Field Annotation: @HIDECHOICE='1'

45	immuno_type Show the field ONLY if: [concomitant_meds(L04A)] = '1'	Please specify which immunosuppressant(s). Check all that apply.	checkbox		
			L04AD01	immuno_type___l04ad01	Cyclosporine
			L04AD02	immuno_type___l04ad02	Tacrolimus (Prograf)
			L04AA10	immuno_type___l04aa10	Sirolimus
			L04AA18	immuno_type___l04aa18	Everolimus
			L04AX01	immuno_type___l04ax01	Azathioprine (Imuran)
			L04AA13	immuno_type___l04aa13	Leflunomide
			L04AA06	immuno_type___l04aa06	Mycophenolate mofetil (CellCept)
			L01BB02	immuno_type___l01bb02	Mercaptopurine (6-MP)
			L04AC05	immuno_type___l04ac05	Ustekinumab
			L04AA33	immuno_type___l04aa33	Vedolizumab
			L01BA01	immuno_type___l01ba01	Methotrexate
			A07EC01	immuno_type___a07ec01	Sulfasalazine
			L01AA01	immuno_type___l01aa01	Cyclophosphamide
			L04AB02	immuno_type___l04ab02	Infliximab
			L04AB01	immuno_type___l04ab01	Etanercept
			L04AB04	immuno_type___l04ab04	Adalimumab
			L04AB05	immuno_type___l04ab05	Certolizumab
			L04AB06	immuno_type___l04ab06	Golimumab
			L01XE18	immuno_type___l01xe18	Ruxolitinib (Jakafi)
			L04AA29	immuno_type___l04aa29	Tofacitinib (Xeljanz)
			RXCUI-1487006	immuno_type___rxcui_1487006	Oclacitinib
			L04AA37	immuno_type___l04aa37	Baricitinib
			Peficitinib	immuno_type___peficitinib	Peficitinib
			L01XE57	immuno_type___l01xe57	Fedratinib (Inrebic)
			L04AA44	immuno_type___l04aa44	Upadacitinib
			OTH	immuno_type___oth	Other
			UNK	immuno_type___unk	Unknown
			Field Annotation: Terminologies: ATC, RxNorm		
46	immuno_oth_more Show the field ONLY if: [immuno_type(OTH)] = '1'	Please specify what other immunosuppressants Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
47	aspirin_dose Show the field ONLY if: [concomitant_meds(N02BA)] = '1'	Aspirin dosing	radio		
			262459003	Low dose (less than 200 mg/day)	
			261829003	Full dose	
			261665006	Unknown	
			Field Annotation: Terminology: SNOMED		

48	bl_anticoag_type Show the field ONLY if: [concomitant_meds(B01A)] = '1'	Which anticoagulants were used? Check all that apply.	checkbox

checkbox

B01AA	bl_anticoag_type___b01aa	Vitamin K antagonists (e.g., warfarin)
B01AB	bl_anticoag_type___b01ab	Low-molecular weight heparin (e.g., enoxaparin [Lovenox])
B01AB01	bl_anticoag_type___b01ab01	Unfractionated heparin
B01AE	bl_anticoag_type___b01ae	Direct thrombin inhibitors (e.g., argatroban, dabigatran [Pradaxa])
B01AF	bl_anticoag_type___b01af	Direct factor Xa inhibitors (e.g., apixaban [Eliquis], rivaroxaban [Xarelto])
B01AX05	bl_anticoag_type___b01ax05	Fondaparinux
UNK	bl_anticoag_type___unk	Unknown
OTH	bl_anticoag_type___oth	Other

Field Annotation: Terminology: ATC

49	bl_anticoag_reason Show the field ONLY if: [concomitant_meds(B01A)] = '1'	Why were anticoagulants being used?	radio

360271000	Prophylaxis
262202000	Therapeutic dosing
261665006	Unknown

Field Annotation: Terminology: SNOMED

50	bl_anticoag_type_oth_specify Show the field ONLY if: [bl_anticoag_type(OTH)] = '1'	Please specify what other anticoagulants Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
51	meds_other Show the field ONLY if: [concomitant_meds(OTH)] = '1'	Please specify what other medications Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

52	gcsf Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Did the patient receive G-CSF within two weeks of the COVID-19 diagnosis?	radio

0	No
1	Yes, Prophylactic G-CSF use (within 1-3 days of completion of chemo)
2	Yes, Therapeutic G-CSF use (later than 1-3 days after chemo or during a neutropenic hospitalization)
OTH	Other
UNK	Unknown

53	gcsf_oth_specify Show the field ONLY if: [gcsf] = 'OTH'	Please specify what other G-CSF Do not record any PHI in this field. As a reminder, this includes all elements of date other than year.	notes
54	additional_meds Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Additional details about medications that the patient may have been taking (e.g., specific drug names; if taking NSAIDs or corticosteroids, how long, how much; etc.) If it is easy to copy a full medication list from your EMR, please do so here. Do not record any PHI in this field. As a reminder, this includes all elements of date other than year.	notes

55	influenza_vax Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Did the patient have an influenza vaccine this season?	radio

0	No
1	Yes
99	Unknown

56	bcg_vax Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Has the patient ever had a BCG vaccine?	radio

0	No
1	Yes
99	Unknown

57	blood_type_rh	Patient RH blood type	radio

Show the field ONLY if:
[more_demographics] = '1' or [ccc 19] = '1'

165747007	Rh+
165746003	Rh-
99	Unknown

Field Annotation: SNOMED: 115758001

58	blood_type	Patient ABO blood type	radio

Show the field ONLY if:
[more_demographics] = '1' or [ccc 19] = '1'

A	A
B	B
AB	AB
O	O
99	Unknown

Field Annotation: SNOMED: 112143006

59	comorbid_header	Comorbidities In this section, please report on any pre-existing conditions other than cancer that were present prior to the COVID-19 illness.	descriptive

Show the field ONLY if:
[more_demographics] = '1' or [ccc 19] = '1'

60	significant_comorbidities	Significant comorbidities (other than cancer). Check all that apply. If you do not know specific diagnoses, ok to choose the "NOS" categories (e.g., Pulmonary disease, NOS).Immune suppression is defined as outpatient use of prednisone (10mg/d or greater), use of chemotherapy, use of nonsteroidal immunosuppressive agents for solid organ transplant or for an autoimmune disease.	checkbox

Show the field ONLY if:
[more_demographics] = '1' or [ccc 19] = '1'

38013005	significant_comorbidities___38013005	Immune definitio
62479008	significant_comorbidities___62479008	HIV +/- A
19829001	significant_comorbidities___19829001	Pulmona
195967001	significant_comorbidities___195967001	Asthma
13645005	significant_comorbidities___13645005	COPD/En
78275009	significant_comorbidities___78275009	Obstruct (OSA)
84004001	significant_comorbidities___84004001	Radiation
427046006	significant_comorbidities___427046006	ICI pneu
56265001	significant_comorbidities___56265001	Cardiac c
38341003	significant_comorbidities___38341003	Hyperten pressure
55822004	significant_comorbidities___55822004	Hyperlpi choleste
53741008	significant_comorbidities___53741008	Coronary (CAD)
42343007	significant_comorbidities___42343007	Congesti (CHF) inc HFrEF
698247007	significant_comorbidities___698247007	Cardiac a
49436004	significant_comorbidities___49436004	Atrial fibr
400047006	significant_comorbidities___400047006	Peripher (PVD/PA
275526006	significant_comorbidities___275526006	History o accident
59282003	significant_comorbidities___59282003	Pulmona
128053003	significant_comorbidities___128053003	Deep ve (DVT)
90708001	significant_comorbidities___90708001	Renal dis
723190009	significant_comorbidities___723190009	Chronic r (CRI/CKD
46177005	significant_comorbidities___46177005	End-stag (ESRD) n
236435004	significant_comorbidities___236435004	ESRD, on
235856003	significant_comorbidities___235856003	Liver dse
19943007	significant_comorbidities___19943007	Cirrhosis
OTH-x	significant_comorbidities___oth_x	Other or
52448006	significant_comorbidities___52448006	Dementia
7200002	significant_comorbidities___7200002	Alcoholis
73211009	significant_comorbidities___73211009	Diabetes

	237602007	significant_comorbidities___237602007	Metaboli
	414916001	significant_comorbidities___414916001	Obesity
	238136002	significant_comorbidities___238136002	Morbid o BMI > 35 related h
	444316004	significant_comorbidities___444316004	Seasonal
	24526004	significant_comorbidities___24526004	Inflamma (IBD)
	85828009	significant_comorbidities___85828009	Rheumat disease
	234336002	significant_comorbidities___234336002	History o transplar stem cell
	313039003	significant_comorbidities___313039003	History o transplar
	OTH	significant_comorbidities___oth	Other
	UNK	significant_comorbidities___unk	Unknown
	NONE	significant_comorbidities___none	None

Field Annotation: Terminology: SNOMED

61	hiv_cd4 Show the field ONLY if: [significant_comorbidities(624790 08)] = '1'	What is the patient's CD4+ T-cell count?	text (number, Min: 0)
62	hiv_vl Show the field ONLY if: [significant_comorbidities(624790 08)] = '1'	What is the patient's viral load, in copies/mL?	text (number, Min: 0)
63	ibd Show the field ONLY if: [significant_comorbidities(245260 04)] = '1'	Please consider reporting this patient to the Secure-IBD Registry as well.	descriptive
64	please_specify Show the field ONLY if: [significant_comorbidities(OTH)] = '1' or [significant_comorbidities (OTH-x)] = '1'	Please specify what other significant comorbidities Do not record any PHI in this field. As a reminder, this includes all elements of date other than year.	notes

65	o2_requirement Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Does the patient have a baseline chronic O2 requirement?	radio <table><tr><td>1</td><td>Yes, patient requires chronic supplemental O2</td></tr><tr><td>0</td><td>No, patient does not require supplemental O2</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
66	comorbid_no Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Number of comorbid conditions requiring active therapy.	radio <table><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr><tr><td>4</td><td>4 or more</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
67	additional_comorbid Show the field ONLY if: [more_demographics] = '1' or [ccc 19] = '1'	Additional comments about comorbidities. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
68	comments_form_1	Section Header: *Free text entry (optional)* Comments Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
69	patient_demographics_complete	Section Header: *Form Status* Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>

Instrument: **COVID-19 details** (covid19_details)   📲 Enabled as survey   ⌃ Collapse

70	ts_2	Timestamp for the second form	text (datetime_dmy) Field Annotation: @HIDDEN @NOW_UTC
71	timing_of_report	Is this form being filled out during the COVID-19 illness, or retrospectively? Unless you know that the patient has either recovered from COVID-19 (with or without comlications) or died from COVID-19, you should select "during the COVID-19 illness".	radio, Required 1 During the illness 2 After the course of illness (retrospectively)
72	dx_year	Section Header: *COVID-19 Details - Mandatory* What year was the patient diagnosed with COVID-19 in?	radio, Required 2019 2019 2020 2020
73	covid_19_dx_interval	How long ago was the patient's COVID-19 diagnosis (to the best of your knowledge)?	radio, Required 1 Within past 1 week 2 Within past 1 to 2 weeks 3 Within past 2 to 4 weeks 4 Within past 4 to 8 weeks 5 Within past 8 to 12 weeks 6 Within past 3 to 6 months 7 More than 6 months ago 99 Unknown
74	c19_workup_why	Section Header: *Diagnostic Information* Why did the patient come to be evaluated for SARS-CoV-2 or COVID-19?	radio 1 Symptoms 2 Screening prior to a procedure 3 Screening prior to a systemic anti-cancer treatment 4 Screening due to a high-risk situation (e.g., known exposure) OTH Other UNK Unknown Field Annotation: @HIDDEN
75	c19_workup_why_2 Show the field ONLY if: [c19_workup_why] != '1' AND [c19_workup_why] != '2' AND [c19_workup_why] != '3' AND [c19_workup_why] != '4' AND [c19_workup_why] != 'OTH' AND [c19_workup_why] != 'UNK'	Why did the patient come to be evaluated for SARS-CoV-2 or COVID-19? Check all that apply.	checkbox, Required 1 c19_workup_why_2___1 Symptoms 2 c19_workup_why_2___2 Screening prior to a procedure 3 c19_workup_why_2___3 Screening prior to a systemic anti-cancer treatment 4 c19_workup_why_2___4 Screening due to a high-risk situation (e.g., known exposure) 5 c19_workup_why_2___5 Screening required for public health reasons (e.g., prior to nursing home placement) OTH c19_workup_why_2___oth Other UNK c19_workup_why_2___unk Unknown
76	workup_oth_specify Show the field ONLY if: [c19_workup_why] = 'OTH'	Please specify what other reason for COVID-19 evaluation Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

77	symptoms	Which symptoms and/or signs were present upon initial presentation? Check all that apply.	checkbox, Required		
			367391008	symptoms___367391008	Fatigue/Malaise
			386661006	symptoms___386661006	Fever
			49727002	symptoms___49727002	Cough
			248595008	symptoms___248595008	Productive cough (with sputum)
			267036007	symptoms___267036007	Dyspnea (SOB)
			68962001	symptoms___68962001	Myalgias
			57676002	symptoms___57676002	Arthralgias
			162397003	symptoms___162397003	Sore throat
			25064002	symptoms___25064002	Headache
			419284004	symptoms___419284004	Altered mental status (AMS)
			44169009	symptoms___44169009	Loss of sense of smell (anosmia)
			36955009	symptoms___36955009	Loss of taste (ageusia)
			64531003	symptoms___64531003	Rhinorrhea
			422587007	symptoms___422587007	Nausea
			272044004	symptoms___272044004	Vomiting
			62315008	symptoms___62315008	Diarrhea
			43364001	symptoms___43364001	Abdominal discomfort (other than frank abdominal pain)
			21522001	symptoms___21522001	Abdominal pain
			166643006	symptoms___166643006	LFT abnormalities
			301095005	symptoms___301095005	Cardiac involvement
			9826008	symptoms___9826008	Conjunctivitis
			OTH	symptoms___oth	Other
			84387000	symptoms___84387000	None (patient was asymptomatic)
			Field Annotation: Terminology: SNOMED		
78	symptoms_oth_specify Show the field ONLY if: [symptoms(OTH)] = '1'	Please specify other symptoms. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
79	symptoms_none_why Show the field ONLY if: [symptoms(84387000)] = '1'	Was the patient tested as part of a pre-treatment or pre-procedure screening program?	radio 0 No 1 Yes 99 Unknown		
80	covid_19_diagnosis	COVID-19 diagnosis Note: if the patient ever had a positive laboratory result, please choose "laboratory-confirmed". This should be checked even if the positive test is from another facility and you do not have a hard copy of the results.	radio, Required 1 Suspected based on symptoms 11 Suspected based on contact with confirmed case 2 Suspected based on CXR findings 3 Suspected based on CT scan findings 4 Laboratory-confirmed 99 Unknown		
81	covid_19_dx_imaging Show the field ONLY if: [covid_19_diagnosis] = '2' or [covid_19_diagnosis] = '3'	Please describe the imaging abnormalities. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
82	neg_test Show the field ONLY if: [covid_19_diagnosis] = '1' or [covid_19_diagnosis] = '11' or [covid_19_diagnosis] = '2' or [covid_19_diagnosis] = '3' or [covid_19_diagnosis] = '99'	Did the patient have a negative laboratory test despite having symptoms or signs supportive of the COVID-19 diagnosis?	radio, Required 1 Yes 2 No 99 Unknown		

83	covid_19_test_more Show the field ONLY if: [neg_test] = '1' or [covid_19_diagnosis] = '4'	Please provide additional details, including the type of COVID-19 test. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
84	additional_sx	Additional comments about COVID-19 symptoms and diagnosis. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
85	severity_of_covid_19_v2	Section Header: *Initial Severity and Course of Illness* Initial severity of COVID-19 Note 1: this is probably the most important single piece of information that we are gathering, please try not to answer "unknown" if at all possible. Note 2: if hospitalization or ICU admission were indicated but the patient was not actually admitted, you should still select that box. For example, for a patient who arrives at the ED with critical hypoxia that would ordinarily indicate a need for mechanical ventilation, but is transitioned to home hospice immediately, you should still select the severe checkbox. Note 3: if the patient is diagnosed while in the hospital and is asymptomatic (e.g., as screening prior to nursing home placement), answer this question as if they were presenting as an outpatient.	radio, Required | 1	Mild (no hospitalization required)
2	Moderate (hospitalization indicated)
3	Severe (ICU admission indicated)
99	Unknown	
86	cytokine_yn Show the field ONLY if: [severity_of_covid_19_v2] = '2' or [severity_of_covid_19_v2] = '3'	Did the patient experience a cytokine storm or cytokine release syndrome that was specifically documented in the patient's chart?	radio | 0	No
1	Yes
99	Unknown	
87	hosp_status	Was the patient ever hospitalized during their course of illness? If the patient was hospitalized more than once, please report on the index hospitalization and make a note in the comments about the other hospitalization(s).	radio, Required | 0	No
1	Yes - admitted to floor
2	Yes - admitted to floor and then transferred to the ICU
3	Yes - admitted directly to the ICU
99	Unknown	
88	hosp_los Show the field ONLY if: [hosp_status] = '1'	If known, how long was the length of stay, in days? If the patient is still hospitalized, enter 9999 here.	text (integer, Min: 1)
89	hosp_los_2 Show the field ONLY if: [hosp_status] = '2'	If known, how long was the length of stay prior to transfer to the ICU, in days?	text (integer, Min: 1)
90	icu_los Show the field ONLY if: [hosp_status] = '2' or [hosp_status] = '3'	If known, how long was the ICU length of stay, in days? If the patient is still in the ICU, enter 9999 here.	text (integer, Min: 1)
91	current_status Show the field ONLY if: [timing_of_report] = '1'	What is the patient's current location?	radio, Required | 1	Outpatient - new COVID-19 diagnosis
2	Outpatient - follow up
3	ER - new COVID-19 diagnosis
4	ER - Follow up
5	Hospitalized (non-ICU) - new admit
6	Hospitalized (non-ICU) - continued
7	ICU - new admit
8	ICU - continued
9	None - patient is deceased	
92	deceased_reason Show the field ONLY if: [current_status] = '9'	Please provide additional details about the proximal cause of death. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required

93	c19_complications_systemic	Section Header: *Complications* Systemic complications occurring during the COVID-19 illness. Check all that apply. If there were no systemic complications, please check "None".	checkbox, Required		
			50960005	c19_complications_systemic___50960005	Bleed
			67406007	c19_complications_systemic___67406007	Disser intrav coagu (DIC)
			57653000	c19_complications_systemic___57653000	Multi failure
			91302008	c19_complications_systemic___91302008	Sepsis
			238147009	c19_complications_systemic___238147009	Other
			NONE	c19_complications_systemic___none	None
			UNK	c19_complications_systemic___unk	Unkno
			Field Annotation: Terminology: SNOMED		
94	c19_bleeding Show the field ONLY if: [c19_complications_systemic(50960005)] = '1'	Please specify the type of bleeding. Check all that apply.	checkbox		
			112648003	c19_bleeding___112648003	Major bleeding (requiring multiple RBCs transfusions or ICU admit)
			73099002	c19_bleeding___73099002	Non-major but clinically relevant bleed
			127563002	c19_bleeding___127563002	Minor bleed (without transfusion need)
			230690007-Major	c19_bleeding___230690007_major	CNS hemorrhage, extensive
			230690007-Minor	c19_bleeding___230690007_minor	CNS hemorrhage, limited
			OTH	c19_bleeding___oth	Other
			UNK	c19_bleeding___unk	Unknown
			Field Annotation: Terminology: SNOMED-modified		
95	c19_bleeding_oth_specify Show the field ONLY if: [c19_bleeding(OTH)] = '1'	Please specify further details about bleeding. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
96	dic_certainty Show the field ONLY if: [c19_complications_systemic(67406007)] = '1'	How definite was the DIC diagnosis?	radio 1 Definite 2 Suspected 99 Unknown		
97	dic_treatment Show the field ONLY if: [c19_complications_systemic(67406007)] = '1'	Which of the following were used to treat the DIC?	radio 346447007 Plasma (FFP) 256401009 Cryoprecipitate NONE None UNK Unknown OTH Other Field Annotation: Terminology: SNOMED		
98	dic_more Show the field ONLY if: [c19_complications_systemic(67406007)] = '1'	Please provide further details about DIC, including clinical manifestations. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
99	c19_comp_systemic_specify Show the field ONLY if: [c19_complications_systemic(238147009)] = '1'	Please specify other systemic complications. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		

100	o2_requirement_c19	Did the patient require supplemental O2 during the course of illness?	radio, Required

radio, Required

0	No
1	Yes
99	Unknown

101	o2_policy Show the field ONLY if: [o2_requirement_c19] = '1'	Was there an institutional policy in place to refuse intubation for patients with metastatic cancer, at the time when this patient required supplemental O2?	radio

radio

0	No
1	Yes
99	Unknown

102	c19_complications_pulm	Pulmonary complications occurring during the COVID-19 illness. Check all that apply. If there were no pulmonary complications, please check "None".	checkbox, Required

checkbox, Required

409622000	c19_complications_pulm___409622000	Respirato failure
205237003	c19_complications_pulm___205237003	Pneumor
67782005	c19_complications_pulm___67782005	Acute respirato distress syndrom (ARDS)
59282003	c19_complications_pulm___59282003	Pulmona embolism (PE)
60046008	c19_complications_pulm___60046008	Pleural effusion
312682007	c19_complications_pulm___312682007	Empyema
50043002	c19_complications_pulm___50043002	Other
NONE	c19_complications_pulm___none	None
UNK	c19_complications_pulm___unk	Unknow

Field Annotation: Terminology: SNOMED

103	resp_failure_tx Show the field ONLY if: [c19_complications_pulm(409622 000)] = '1' or [o2_requirement_c1 9] = '1'	Which of the following supplemental O2 interventions did the patient require? Select the most invasive intervention required during the course of illness.	radio

radio

1	Nasal cannula or face mask with standard O2
2	High-flow nasal cannula or blow-by
3	Non-rebreather
4	CPAP
5	BiPAP
6	Intubation
99	Unknown

104	berlin_yn Show the field ONLY if: [c19_complications_pulm(677820 05)] = '1'	Were the Berlin criteria formally assessed?	radio, Required

radio, Required

0	No
1	Yes
99	Unknown/Unsure

105	berlin_2 Show the field ONLY if: [berlin_yn] = '1'	Berlin criteria.The Berlin criteria are based on a decreased PaO2/FiO2 ratio:-mild ARDS: 201 - 300 mmHg (≤ 39.9 kPa)-moderate ARDS: 101 - 200 mmHg (≤ 26.6 kPa)-severe ARDS: ≤ 100 mmHg (≤ 13.3 kPa)Note that the Berlin definition requires a minimum positive end expiratory pressure (PEEP) of 5 cmH2O for consideration of the PaO2/FiO2 ratio. This degree of PEEP may be delivered noninvasively with CPAP to diagnose mild ARDS. Click this link to access a calculator for PaO2/FiO2 ratio (opens a new window)	radio, Required

radio, Required

1	Mild
2	Moderate
3	Severe
99	Unknown

106	c19_comp_pulm_specify Show the field ONLY if: [c19_complications_pulm(500430 02)] = '1'	Please specify other pulmonary complications. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

107	c19_complications_card	Cardiovascular complications occurring during the COVID-19 illness. Check all that apply. If there were no cardiovascular complications, please check "None".	checkbox, Required		
			45007003	c19_complications_card___45007003	Hypotensi
			22298006	c19_complications_card___22298006	Myocardia infarction
			414545008	c19_complications_card___414545008	Other card ischemia
			49436004	c19_complications_card___49436004	Atrial fibri
			71908006	c19_complications_card___71908006	Ventricula fibrillation
			698247007	c19_complications_card___698247007	Other card arrhythmi
			85898001	c19_complications_card___85898001	Cardiomyo
			42343007	c19_complications_card___42343007	Congestive heart failu (CHF)
			59282003	c19_complications_card___59282003	Pulmonar embolism
			128053003	c19_complications_card___128053003	Deep venc thrombos (DVT)
			275517008	c19_complications_card___275517008	Superficia venous thrombos (SVT)
			230690007	c19_complications_card___230690007	Cerebrova accident ((stroke)
			414086009	c19_complications_card___414086009	Thrombos NOS
			49601007	c19_complications_card___49601007	Other
			NONE	c19_complications_card___none	None
			UNK	c19_complications_card___unk	Unknown
			Field Annotation: Terminology: SNOMED		
108	sepsis_pressors Show the field ONLY if: [c19_complications_card(4500700 3)] = '1'	Did the patient require pressors?	radio 0 No 1 Yes 99 Unknown		
109	c19_comp_card_specify Show the field ONLY if: [c19_complications_card(4960100 7)] = '1' or [c19_complications_car d(414545008)] = '1' or [c19_compl ications_card(698247007)] = '1'	Please specify other cardiac complications. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
110	c19_complications_gi	Gastrointestinal complications occurring during the COVID-19 illness. Check all that apply. If there were no GI complications, please check "None".	checkbox, Required		
			427044009	c19_complications_gi___427044009	Acute hepatic injury
			389026000	c19_complications_gi___389026000	Ascites
			81060008	c19_complications_gi___81060008	Bowel obstruction
			56905009	c19_complications_gi___56905009	Bowel perforation
			710572000	c19_complications_gi___710572000	Ileus
			48661000	c19_complications_gi___48661000	Peritonitis
			53619000	c19_complications_gi___53619000	Other
			NONE	c19_complications_gi___none	None
			UNK	c19_complications_gi___unk	Unknown
			Field Annotation: Terminology: SNOMED		

111	c19_comp_gi_specify Show the field ONLY if: [c19_complications_gi(53619000)] = '1'	Please specify other GI complications. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
112	c19_complications_other	Other complications occurring during the COVID-19 illness. Check all that apply. If there were no other complications, please check "None".	checkbox, Required		

For field 112 (c19_complications_other):

Code	Variable	Label
14669001	c19_complications_other___14669001	Acute kidney injury
91175000	c19_complications_other___91175000	Seizures
372070002	c19_complications_other___372070002	Gangrene
414086009	c19_complications_other___414086009	Thrombo NOS
362965005	c19_complications_other___362965005	Other
NONE	c19_complications_other___none	None
UNK	c19_complications_other___unk	Unknown

Field Annotation: Terminology: SNOMED @HIDECHOICE = '414086009'

113	c19_complications_oth_specify Show the field ONLY if: [c19_complications_other(362965005)] = '1'	Please specify other complications. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

114	current_status_v2 Show the field ONLY if: [current_status] = '1' or [current_status] = '2' or [current_status] = '3' or [current_status] = '4' or [current_status] = '5' or [current_status] = '6' or [current_status] = '7' or [current_status] = '8'	Section Header: *Clinical Status* Current COVID-19 status Fully recovered means that the patient has returned to their baseline functional status and repeat SARS-CoV-2 testing, if obtained, is negative. If they are on medications to treat sequelae or have functional compromise (e.g., impaired pulmonary function) but are not considered to have active infection, they should be considered to have recovered with complications.	radio, Required

For field 114 (current_status_v2):

Code	Label
1	Fully recovered
1b	Recovered with complications
2	Ongoing infection
3	Died
99	Unknown

115	current_status_retro Show the field ONLY if: [timing_of_report] = '2'	Final COVID-19 status Fully recovered means that the patient has returned to their baseline functional status and repeat SARS-CoV-2 testing, if obtained, is negative. If they are on medications to treat sequelae or have functional compromise (e.g., impaired pulmonary function) but are not considered to have active infection, they should be considered to have recovered with complications.	radio, Required

For field 115 (current_status_retro):

Code	Label
1	Fully recovered
1b	Recovered with complications
3	Died
99	Unknown

116	deceased_reason_retro Show the field ONLY if: [current_status_retro] = '3'	Please provide additional details about the proximal cause of death. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required
117	days_to_death Show the field ONLY if: [current_status_retro] = '3'	Approximately how many days elapsed between COVID-19 diagnosis and death? If this information is unknown to you, please enter 9999 here.	text (integer, Min: 0), Required
118	current_status_clinical Show the field ONLY if: [current_status_v2] = '2'	Current clinical status	radio, Required

For field 118 (current_status_clinical):

Code	Label
0	Outpatient - No symptoms
1	Outpatient - Mild symptoms
2	Outpatient - Moderate symptoms
3	Outpatient - Severe symptoms
4	Inpatient - Near Recovery
5	Inpatient - Moderately ill
6	Inpatient - Severely ill
7	Critical (ICU) - Severely ill, not requiring ventilator support
8	Critical (ICU) - Severely ill, intubated
OTH	Other
99	Unknown

119	current_status_clinical_specify Show the field ONLY if: [current_status_clinical] = 'OTH'	Please specify other current clinical status Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required

120	worst_status_clinical Show the field ONLY if: [timing_of_report] = '2'	Worst clinical status. Report the worst clinical presentation during the COVID-19 illness or the current clinical status if this is the only known status. If the patient died, this should be the highest level of care that they received prior to the time of death.	radio, Required		
			0	Outpatient - No symptoms	
			1	Outpatient - Mild symptoms	
			2	Outpatient - Moderate symptoms	
			3	Outpatient - Severe symptoms	
			5	Inpatient - Moderately ill	
			6	Inpatient - Severely ill	
			7	Critical (ICU) - Severely ill, did not require ventilator support	
			8	Critical (ICU) - Severely ill, intubated	
			OTH	Other	
			99	Unknown	
121	worst_status_clinical_specify Show the field ONLY if: [worst_status_clinical] = 'OTH'	Please specify worst clinical status Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required		
122	complications_severity Show the field ONLY if: [current_status_v2] = '1b' or [current_status_v2] = '2' or [current_status_retro] = '1b'	Current severity of COVID-19 complications. Check all that apply.	checkbox, Required		
			0	complications_severity___0	No complications
			1	complications_severity___1	Mild complications (mimimal symptoms from complications)
			2	complications_severity___2	Moderate complications (moderate symptoms from complications)
			3	complications_severity___3	Serious complications (symptoms substantially impact the patient's functional status or disabling physical functioning)
			OTH	complications_severity___oth	Other
			99	complications_severity___99	Unknown
123	complications_severity_oth_specify Show the field ONLY if: [complications_severity(OTH)] = '1'	Please specify other current severity of COVID-19 complications Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required		

124	worst_complications_severity Show the field ONLY if: [timing_of_report] = '2' and [current_status_retro] != '3'	Worst severity of COVID-19 complications. Check all that apply.	checkbox, Required		
			0	worst_complications_severity___0	None (patient was asymptomatic)
			1	worst_complications_severity___1	Mild complications (mimimal symptoms from complications)
			2	worst_complications_severity___2	Moderate complications (moderate symptoms from complications)
			3	worst_complications_severity___3	Serious complications (symptoms substantially impact the patient's functional status or disabling physical functioning)
			OTH	worst_complications_severity___oth	Other
			99	worst_complications_severity___99	Unknown
125	worst_complications_severity_specify Show the field ONLY if: [worst_complications_severity(OTH)] = '1'	Please specify other worst severity of COVID-19 complications Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required		
126	consider_returning Show the field ONLY if: [current_status_v2] = '2'	Please consider returning to add a new form once final status has been determined. In order to do this, click on the button named "Survey Queue" in the top right-hand corner of the screen. This will open a window where you can choose "Get link to my survey queue". Use this link to return to the survey at any time to add additional updated information.	descriptive		
127	covid_19_more Show the field ONLY if: [ccc19] = '0'	Section Header: *COVID-19 Details - Optional* Would you like to answer additional COVID-19 detail questions? This is optional but will really help us understand the granular details better.	yesno 1 Yes 0 No		
128	mortality Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [covid_19_dx_interval] != '1' and [covid_19_dx_interval] != '2' and [covid_19_dx_interval] != '3'	If it has been at least 30 days from the presumptive or laboratory-proven COVID-19 diagnosis, was the patient alive 30 days after diagnosis?Note: this question is required for members of the CCC19 consortium; optional but strongly encouraged for all others.	radio 1 Yes 0 No 88 N/A - it has been fewer than 30 days since COVID-19 diagnosis 99 Unknown		
129	labs Show the field ONLY if: [covid_19_more] = '1' or [ccc19] = '1'	Section Header: *Baseline laboratory values at the time of or closest to the date of the COVID-19 diagnosis If the laboratory value (e.g., IL-6 level) was not available at the time of presentation, please enter the earliest known result, if known.* At what time point were labs drawn? This information is important to build predictive models of disease severity based on lab values. Your answer should be based on common labs (CBC, CMP, BNP, etc.) - not necessarily send-out labs that were drawn later in the course of COVID-19 illness.	radio 1 At the time of initial COVID-19 diagnosis 2a At the time of a change in clinical status (hospitalization) 2b At the time of a change in clinical status (other than hospitalization) 3 Labs were not drawn or are not available for review OTH Other UNK Unknown		
130	labs_oth_specify Show the field ONLY if: [labs] = 'OTH'	Please specify what other time point labs were drawn Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required		

131	wbc_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Section Header: *CBC values at presentation* Total WBC count	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
132	alc_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Absolute lymphocyte count (ALC) - less than 1500/uL should be considered low	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table> Field Annotation: less than 1500/uL should be considered low
133	anc_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Absolute neutrophil count (ANC)	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table> Field Annotation: less than 1000/uL should be considered low
134	aec_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Absolute eosinophil count (AEC)	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
135	hgb_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Hemoglobin	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
136	plt_range Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Platelets	radio (Matrix) <table><tr><td>LO</td><td>Low</td></tr><tr><td>WNL</td><td>Normal</td></tr><tr><td>HI</td><td>High</td></tr><tr><td>NT</td><td>Not tested</td></tr><tr><td>99</td><td>Unknown</td></tr></table>
137	wbc_numeric Show the field ONLY if: [wbc_range] = 'LO' or [wbc_range] = 'HI'	Total WBC count in 10^9/L	text (number, Min: 0, Max: 1000)
138	alc Show the field ONLY if: [alc_range] = 'LO' or [alc_range] = 'HI'	Absolute lymphocyte count per uL	text (number, Min: 0)
139	anc Show the field ONLY if: [anc_range] = 'LO' or [anc_range] = 'HI'	Absolute neutrophil count per uL	text (number, Min: 0)
140	aec Show the field ONLY if: [aec_range] = 'LO' or [aec_range] = 'HI'	Absolute eosinophil count per uL	text (number, Min: 0)

141	hgb Show the field ONLY if: [hgb_range] = 'LO' or [hgb_range] = 'HI'	Hemoglobin level in g/dL	text (number, Min: 0)
142	plt Show the field ONLY if: [plt_range] = 'LO' or [plt_range] = 'HI'	Platelet count, 10^3/uL	text (number, Min: 0)
143	creat Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Section Header: *Other lab values at presentation* Creatinine	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown Field Annotation: SNOMED: 1032061000000108
144	tbili Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Total bilirubin	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown
145	ast Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	AST	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown
146	alt Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	ALT	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown
147	pt Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	PT	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown
148	aptt Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	aPTT	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown
149	fibrinogen Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Fibrinogen	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown Field Annotation: SNOMED: 71636003
150	ddimer Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	D-Dimer	radio (Matrix) 0 Normal 1 Abnormal NT Not tested 99 Unknown Field Annotation: SNOMED: 1019221000000107

151	ldh Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	LDH	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	 Field Annotation: SNOMED: 250644007
152	tni Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Troponin I (TnI)	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
153	hs_trop Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	High-sensitivity troponin	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
154	bnp Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	BNP	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
155	crp Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	CRP	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
156	il6 Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	IL-6	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
157	other_lab Show the field ONLY if: ([covid_19_more] = '1' or [ccc19] = '1') and [labs] != '3'	Other (free text will open for more details below)	radio (Matrix) 	0	Normal
1	Abnormal
NT	Not tested
99	Unknown	
158	creat_numeric Show the field ONLY if: [creat] = '1'	Please provide measured creatinine level in mg/dL	text (number, Min: 0)
159	tbili_numeric Show the field ONLY if: [tbili] = '1'	Please provide measured total bilirubin value in mg/dL	text
160	ast_numeric Show the field ONLY if: [ast] = '1'	Please provide measured AST/SGOT value in units/L	text (number, Min: 32)
161	alt_numeric Show the field ONLY if: [alt] = '1'	Please provide measured ALT/SGPT value in units/L	text (number, Min: 32)
162	pt_numeric Show the field ONLY if: [pt] = '1'	Please report measured PT value in seconds. If above the maximum range, enter "999".	text (number)
163	aptt_numeric Show the field ONLY if: [aptt] = '1'	Please report measured aPTT value in seconds. If above the maximum range, enter "999".	text (number, Min: 0)

164	fibrinogen_numeric Show the field ONLY if: [fibrinogen] = '1'	Please report measured fibrinogen value in mg/dL (conventional units).	text
165	ddimer_numeric Show the field ONLY if: [ddimer] = '1'	Please report measured D-Dimer value along with units, which often differ between labs.	text
166	ldh_numeric Show the field ONLY if: [ldh] = '1'	Please report measured LDH value along with units, which often differ between labs.	text
167	tni_numeric Show the field ONLY if: [tni] = '1'	Please report measured TnI value in ng/mL. Only record values greater than or equal to 0.05 ng/mL.	text (number, Min: 0)
168	hs_trop_numeric Show the field ONLY if: [hs_trop] = '1'	Please report measured high sensitivity troponin value in pg/mL.	text (number, Min: 0.05)
169	bnp_numeric Show the field ONLY if: [bnp] = '1'	Please report measured BNP value in pg/mL.	text (number, Min: 0)
170	crp_numeric Show the field ONLY if: [crp] = '1'	Please provide measured CRP value along with units, which often differ between labs.	text
171	il6_numeric Show the field ONLY if: [il6] = '1'	Please report measured IL-6 value in pg/mL	text (number, Min: 1.8)
172	other_lab_more Show the field ONLY if: [other_lab] = '1'	Please provide more details including numeric values, if you are able. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

173	coinfection_yn Show the field ONLY if: [covid_19_more] = '1' or [ccc19] = '1'	Section Header: *Co-infections* Was another co-infection suspected within two weeks prior or up to two weeks after the COVID-19 diagnosis?	radio

0	No
1	Yes
99	Unknown

174	coinfection Show the field ONLY if: [coinfection_yn] = '1'	Were there other co-infections diagnosed? Check all that apply. *Terminology: SNOMED*	checkbox

49872002	coinfection___49872002	Viral, NOS
407479009	coinfection___407479009	Influenza A
407480007	coinfection___407480007	Influenza B
84101006	coinfection___84101006	Ordinary coronavirus, NOS
1838001	coinfection___1838001	Rhinovirus
6415009	coinfection___6415009	RSV
409822003	coinfection___409822003	Bacterial infection, NOS
8745002	coinfection___8745002	Gram-positive bacteria, NOS
233607000	coinfection___233607000	Pneumococcal pneumonia
81325006	coinfection___81325006	Gram-negative bacteria, NOS
414561005	coinfection___414561005	Fungal, NOS
2429008	coinfection___2429008	Aspergillus culture-confirmed
709601002	coinfection___709601002	Aspergillus suspected (galactomannan positive)
442376007	coinfection___442376007	Tests are pending
OTH	coinfection___oth	Other
UNK	coinfection___unk	Unknown
NONE	coinfection___none	None

Field Annotation: Terminology: SNOMED

175	coinfection_other Show the field ONLY if: [coinfection(OTH)] = '1'	Please specify what other co-infections were diagnosed Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
176	covid_19_treatment Show the field ONLY if: [covid_19_more] = '1' or [ccc19] = '1'	Section Header: *COVID-19 Treatment* COVID-19 treatment, including pre-existing drugs that were continued during the COVID-19 diagnosis. Check all that apply.	checkbox		
			RXCUI-2393	covid_19_treatment___rxcui_2393	Chloro
			RXCUI-5521	covid_19_treatment___rxcui_5521	Hydrox (Plaqu
			HO-44995	covid_19_treatment___ho_44995	Anti-vi
			ATC-J05AE08	covid_19_treatment___atc_j05ae08	Atazar
			ATC-J05AR10	covid_19_treatment___atc_j05ar10	Lopina
			RXCUI-260101	covid_19_treatment___rxcui_260101	Oselta (Tamifl
			OMOP4873974	covid_19_treatment___omop4873974	Remde
			RXCUI-18631	covid_19_treatment___rxcui_18631	Azithro (Zithro
			HO-45523	covid_19_treatment___ho_45523	System cortico promp additio
			ATC-C10AA	covid_19_treatment___atc_c10aa	Statins
			L04AA37	covid_19_treatment___l04aa37	Baricit
			RXCUI-612865	covid_19_treatment___rxcui_612865	Tocilizu
			ATC-L04AC	covid_19_treatment___atc_l04ac	Other inhibit promp additio
			HO-45861	covid_19_treatment___ho_45861	JAK inh promp additio
			ATC-L04AB	covid_19_treatment___atc_l04ab	TNF al (will pr additio
			B05AX03	covid_19_treatment___b05ax03	Plasma recove individ (conva plasma
			B01A	covid_19_treatment___b01a	Antico
			N02BA	covid_19_treatment___n02ba	Aspirin
			B01AC	covid_19_treatment___b01ac	Antipla other t
			233573008	covid_19_treatment___233573008	Extrac memb oxyger
			714749008	covid_19_treatment___714749008	Contin replace therap
			OTH	covid_19_treatment___oth	Other
			UNK	covid_19_treatment___unk	Unkno
			NONE	covid_19_treatment___none	None
			oth_plasma	covid_19_treatment___oth_plasma	DEPRE
			Field Annotation: Terminologies: ATC/HemOnc/OMOP/RxNorm/SNOMED @HIDECHOICE='oth_plasma'		
177	c19_aspirin_dose Show the field ONLY if: [covid_19_treatment(N02BA)] = '1'	Aspirin dosing	radio		
			262459003	Low dose (less than 200 mg/day)	
			261829003	Full dose	
			261665006	Unknown	
			Field Annotation: Terminology: SNOMED		

| 178 | steroid_type

Show the field ONLY if:
[covid_19_treatment(HO-45523)] = '1' | Steroid type. Check all that apply. | checkbox |

	H02AB02	steroid_type___h02ab02	Dexamethasone (Decadron)
H02AB09	steroid_type___h02ab09	Hydrocortisone (Cortef)
H02AB04	steroid_type___h02ab04	Methylprednisolone (Solumedrol)
H02AB06	steroid_type___h02ab06	Prednisolone
H02AB07	steroid_type___h02ab07	Prednisone

Field Annotation: Terminology: ATC

| 179 | steroid_specific

Show the field ONLY if:
[covid_19_treatment(HO-45523)] = '1' | Steroid dosing, in prednisone dose equivalents Note: 3 mg of dexamethasone is equivalent to 20 mg of prednisone, so any dose of dexamethasone of more than 3 mg/day (21 mg/week) would be equivalant to more than 20 mg of prednisone/day. | radio |

1	20 mg/day or below [low dose]
1a	10 mg/day or below [low dose]
1b	More than 10 mg/day up to 20 mg/day
2	More than 20 mg/day but less than 1mg/kg/day
3	Equal to or greater than 1 mg/kg/day
99	Unknown

Field Annotation: @HIDECHOICE='1'

| 180 | steroid_more

Show the field ONLY if:
[covid_19_treatment(HO-45523)] = '1' | Please provide more details: prednisone dose equivalents (e.g., 1 mg/kg) and duration of steroid therapy. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 181 | covid_19_tx_interleukin

Show the field ONLY if:
[covid_19_treatment(ATC-L04AC)] = '1' | Interleukin inhibitor treatment other than tocilizumab. Check all that apply. | checkbox |

L04AC03	covid_19_tx_interleukin___l04ac03	anakinra
L04AC02	covid_19_tx_interleukin___l04ac02	basiliximab
L04AC09	covid_19_tx_interleukin___l04ac09	briakinumab
L04AC12	covid_19_tx_interleukin___l04ac12	brodalumab
L04AC08	covid_19_tx_interleukin___l04ac08	canakinumab
L04AC01	covid_19_tx_interleukin___l04ac01	daclizumab
L04AC16	covid_19_tx_interleukin___l04ac16	guselkumab
L04AC13	covid_19_tx_interleukin___l04ac13	ixekizumab
L04AC04	covid_19_tx_interleukin___l04ac04	rilonacept
L04AC18	covid_19_tx_interleukin___l04ac18	risankizumab
L04AC14	covid_19_tx_interleukin___l04ac14	sarilumab
L04AC10	covid_19_tx_interleukin___l04ac10	secukinumab
L04AC11	covid_19_tx_interleukin___l04ac11	siltuximab
L04AC15	covid_19_tx_interleukin___l04ac15	sirukumab
L04AC07	covid_19_tx_interleukin___l04ac07	DEPRECATED
L04AC17	covid_19_tx_interleukin___l04ac17	tildrakizumab
L04AC05	covid_19_tx_interleukin___l04ac05	ustekinumab

Field Annotation: Field:ATC L04AC; Values:ATC @HIDECHOICE='L04AC07'

| 182 | jak

Show the field ONLY if:
[covid_19_treatment(HO-45861)] = '1' | JAK inhibitor treatment. Check all that apply. | checkbox |

L01XE18	jak___l01xe18	Ruxolitinib (Jakafi)
L04AA29	jak___l04aa29	Tofacitinib (Xeljanz)
RXCUI-1487006	jak___rxcui_1487006	Oclacitinib
L04AA37	jak___l04aa37	Baricitinib
Peficitinib	jak___peficitinib	Peficitinib
L01XE57	jak___l01xe57	Fedratinib (Inrebic)
L04AA44	jak___l04aa44	Upadacitinib

Field Annotation: Terminologies: ATC, RxNorm

| 183 | covid_19_tx_tnf

Show the field ONLY if:
[covid_19_treatment(ATC-L04AB)] = '1' | Tumor necrosis factor alpha (TNF-α) inhibitor treatment. Check all that apply. | checkbox |

	covid_19_tx_tnf value	field	drug
L04AB04	covid_19_tx_tnf___l04ab04	Adalimumab
L04AB03	covid_19_tx_tnf___l04ab03	Afelimomab
L04AB05	covid_19_tx_tnf___l04ab05	Certolizumab pegol
L04AB01	covid_19_tx_tnf___l04ab01	Etanercept
L04AB06	covid_19_tx_tnf___l04ab06	Golimumab
L04AB02	covid_19_tx_tnf___l04ab02	Infliximab
L04AB07	covid_19_tx_tnf___l04ab07	Opinercept

Field Annotation: Field:ATC L04AB; Values:ATC

| 184 | c19_anticoag_reason

Show the field ONLY if:
[covid_19_more] = '1' or [ccc19] = '1' | Has the patient received any dose or type of anticoagulants at any time during the COVID-19 diagnosis? Check all that apply. (Examples: unfractionated heparin, LMWH, fondaparinux, direct thrombin inhibitor, Vitamin K antagonist, or DOAC) ATE: arterial thromboembolism; VTE: venous thromboembolism | checkbox |

value	field	description
1	c19_anticoag_reason___1	Prophylactic use (without the presence of a VTE either as an inpatient or outpatient)
2	c19_anticoag_reason___2	DEPRECATED
2a	c19_anticoag_reason___2a	Therapeutic use (for known VTE diagnosis)
2b	c19_anticoag_reason___2b	Therapeutic use (for known ATE diagnosis)
2c	c19_anticoag_reason___2c	Therapeutic use in the absence of any thrombosis (e.g., for prevention of stroke in atrial fibrillation)
3	c19_anticoag_reason___3	For DIC during hospitalization
NONE	c19_anticoag_reason___none	None (patient did not receive any anticoagulants)
UNK	c19_anticoag_reason___unk	Unknown
OTH	c19_anticoag_reason___oth	Other

Field Annotation: @HIDECHOICE='2'

| 185 | c19_anticoag_reason_oth_specify

Show the field ONLY if:
[c19_anticoag_reason(OTH)] = '1' | Please specify the type and indication of other anticoagulants Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

186	c19_anticoag_type Show the field ONLY if: [c19_anticoag_reason(1)] = '1' or [c19_anticoag_reason(2a)] = '1' or [c19_anticoag_reason(2b)] = '1' or [c19_anticoag_reason(2c)] = '1' or [c19_anticoag_reason(3)] = '1' or [c19_anticoag_reason(OTH)] = '1'	Which anticoagulants were used? Check all that apply.	checkbox		
			B01AA	c19_anticoag_type___b01aa	Vitamin K antagonists (e.g., warfarin)
			B01AB	c19_anticoag_type___b01ab	Low-molecular weight heparin (e.g., enoxaparin [Lovenox])
			B01AB01	c19_anticoag_type___b01ab01	Unfractionated heparin
			B01AE	c19_anticoag_type___b01ae	Direct thrombin inhibitors (e.g., argatroban, dabigatran [Pradaxa])
			B01AF	c19_anticoag_type___b01af	Direct factor Xa inhibitors (e.g., apixaban [Eliquis], rivaroxaban [Xarelto])
			B01AX05	c19_anticoag_type___b01ax05	Fondaparinux
			UNK	c19_anticoag_type___unk	Unknown
			OTH	c19_anticoag_type___oth	Other
			Field Annotation: Terminology: ATC		
187	c19_anticoag_type_oth_specify Show the field ONLY if: [c19_anticoag_type(OTH)] = '1'	Please specify what other anticoagulants Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
188	covid_19_treatment_trial Show the field ONLY if: [covid_19_treatment(HO-44995)] = '1' or [covid_19_treatment(RXCUI-18631)] = '1' or [covid_19_treatment(RXCUI-2393)] = '1' or [covid_19_treatment(HO-45523)] = '1' or [covid_19_treatment(RXCUI-5521)] = '1' or [covid_19_treatment(ATC-J05AR10)] = '1' or [covid_19_treatment(RXCUI-260101)] = '1' or [covid_19_treatment(OMOP4873974)] = '1' or [covid_19_treatment(ATC-C10AA)] = '1' or [covid_19_treatment(RXCUI-612865)] = '1' or [covid_19_treatment(ATC-L04AC)] = '1' or [covid_19_treatment(ATC-L04AB)] = '1' or [covid_19_treatment(B05AX03)] = '1' or [covid_19_treatment(OTH)] = '1'	Was any of the COVID-19 treatment given as part of a clinical trial?	radio {| 0	No	1	Yes	99	Unknown |}		

Field 188 radio options:

0	No
1	Yes
99	Unknown

189	covid_19_trial_tx Show the field ONLY if: [covid_19_treatment_trial] = '1'	COVID-19 clinical trial treatment. Check all that apply. If you do not know which drug(s) were given on clinical trial, please check "Unknown". If you are not able to disclose drug names due to institutional restrictions, please check "Other".	checkbox, Required		
			RXCUI-2393	covid_19_trial_tx___rxcui_2393	Chloroqui
			RXCUI-5521	covid_19_trial_tx___rxcui_5521	Hydroxycl (Plaquenil
			HO-44995	covid_19_trial_tx___ho_44995	Anti-virals
			ATC-J05AE08	covid_19_trial_tx___atc_j05ae08	Atazanavi
			ATC-J05AR10	covid_19_trial_tx___atc_j05ar10	Lopinavir/
			RXCUI-260101	covid_19_trial_tx___rxcui_260101	Oseltamiv (Tamiflu)
			OMOP4873974	covid_19_trial_tx___omop4873974	Remdesiv
			RXCUI-18631	covid_19_trial_tx___rxcui_18631	Azithromy (Zithroma
			HO-45523	covid_19_trial_tx___ho_45523	Systemic corticoste
			ATC-C10AA	covid_19_trial_tx___atc_c10aa	Statins
			L04AC03	covid_19_trial_tx___l04ac03	Anakinra
			L04AA37	covid_19_trial_tx___l04aa37	Baricitinib
			L04AC02	covid_19_trial_tx___l04ac02	Basilixima
			L04AC09	covid_19_trial_tx___l04ac09	briakinum
			L04AC12	covid_19_trial_tx___l04ac12	brodalum
			L04AC08	covid_19_trial_tx___l04ac08	canakinur
			L04AC01	covid_19_trial_tx___l04ac01	daclizuma
			L04AC16	covid_19_trial_tx___l04ac16	guselkum
			L04AC13	covid_19_trial_tx___l04ac13	ixekizuma
			L04AC04	covid_19_trial_tx___l04ac04	rilonacept
			L04AC18	covid_19_trial_tx___l04ac18	risankizur
			L04AC14	covid_19_trial_tx___l04ac14	sarilumab
			L04AC10	covid_19_trial_tx___l04ac10	secukinur
			L04AC11	covid_19_trial_tx___l04ac11	siltuximab
			L04AC15	covid_19_trial_tx___l04ac15	sirukuma
			L04AC17	covid_19_trial_tx___l04ac17	tildrakizur
			L04AC07	covid_19_trial_tx___l04ac07	tocilizuma
			L04AC05	covid_19_trial_tx___l04ac05	ustekinun
			L04AB04	covid_19_trial_tx___l04ab04	adalimum
			L04AB03	covid_19_trial_tx___l04ab03	afelimom
			L04AB05	covid_19_trial_tx___l04ab05	certolizun
			L04AB01	covid_19_trial_tx___l04ab01	etanercep
			L04AB06	covid_19_trial_tx___l04ab06	golimuma
			L04AB02	covid_19_trial_tx___l04ab02	infliximab
			L04AB07	covid_19_trial_tx___l04ab07	opinercep
			B05AX03	covid_19_trial_tx___b05ax03	Plasma fro recovered individual (convalesc plasma)
			OTH-plasma	covid_19_trial_tx___oth_plasma	Plasma fro recovered individual (convalesc plasma)
			OTH	covid_19_trial_tx___oth	Other
			UNK	covid_19_trial_tx___unk	Unknown
			Field Annotation: Terminologies: ATC/HemOnc/OMOP/RxNorm @HIDECHOICE = 'OTH-plasma'		
190	covid_19_trial_more Show the field ONLY if: [covid_19_trial_tx(OTH)] = '1'	Please specify what other clinical trial treatment. (Note: some institutions have restrictions on sharing of this information, please check with your institutional official if you have any questions.) Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		

191	additional_tx Show the field ONLY if: [covid_19_more] = '1' or [ccc19] = '1'	Additional COVID-19 treatment comments, e.g. specific doses. Please provide further information here. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
192	prbc Show the field ONLY if: [covid_19_more] = '1' or [ccc19] = '1'	Did the patient receive any PRBC transfusions?	radio 0 No 1 Yes 99 Unknown
193	comments_form_2	Section Header: *Free text entry (optional)* Comments Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
194	covid19_details_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: **Cancer details** (cancer_details)   🔁 Enabled as survey   ∧ Collapse

195	ts_3	Timestamp for the third form	text (datetime_dmy) Field Annotation: @HIDDEN @NOW_UTC
196	cancer_type	Section Header: *Cancer-specific data - Mandatory* Cancer type. If the patient has multiple primaries, please report on the cancer that was most recently treated.	dropdown (autocomplete), Required

C132146	Malignant Solid Neoplasm, NOS
C9325	Adrenocortical Carcinoma
C9291	Anal Cancer
C9330	Appendix Cancer
C4436	Bile Duct Cancer (Cholangiocarcinoma)
C4912	Bladder Cancer
C9312	Bone cancer, NOS
C5111	Brain Cancer - benign (e.g., meningioma)
C132067	Brain Cancer - low-grade glioma
C3059	Brain Cancer - high-grade glioma (e.g., GBM)
C4627	Brain (CNS) Cancer, NOS
C4872	Breast Cancer
C9039	Cervical Cancer
C4910	Colon Cancer
C2955	Colon/Rectum Cancer
C3513	Esophagus Cancer
C4817	Ewing Sarcoma
C3867	Fallopian Tube Cancer
C3844	Gallbladder Cancer
C3708	Germ Cell Tumor
C3868	GIST
C4013	Head and Neck Cancer
C4819	Invasive Cutaneous SCC (do not record localized SCC)
C2921	Invasive Cutaneous BCC (do not record localized BCC)
C3234	Mesothelioma
C4039	Ill Defined/Cancer of Unknown Primary
C3099	Liver Cancer (HCC)
C4878	Lung Cancer, NOS
C3224	Melanoma
C9231	Merkel Cell
C3871	Nasopharyngeal Carcinoma
C3270	Neuroblastoma
C3809	Neuroendocrine tumor (NET) or Carcinoid
C2926	Non Small Cell Lung Cancer (NSCLC)
C9145	Osteosarcoma

C7431	Ovarian Cancer
C3850	Pancreatic Cancer
C4906	Parathyroid Cancer
C9061	Penis Cancer
C3538	Peritoneum Cancer
C3555	Placenta Cancer (incl. Choriocarcinoma)
C4863	Prostate Cancer
C9382	Rectum and Rectosigmoid Cancer
C9385	Renal Kidney Cancer (RCC)
C7355	Renal Pelvis Cancer
C7541	Retinoblastoma
C3359	Rhabdomyosarcoma
C6389	Scrotum Cancer
C4917	Small Cell Lung Cancer
C7724	Small Intestine Cancer
C9306	Soft Tissue Sarcoma, NOS
C4911	Stomach (Gastric) Cancer
C9063	Testis Cancer
C3411	Thymus Cancer
C4815	Thyroid Cancer
C7558	Uterus (Endometrial) Cancer
C3917	Vagina Cancer
C8538	Vascular Sarcoma, NOS
C4866	Vulva Cancer
C3267	Wilms Tumor
C27134	Malignant Hematologic Neoplasm, NOS
C9300	Acute Leukemia
C3171	Acute myeloid leukemia (AML)
C3167	Acute lymphoblastic leukemia (ALL)
C4345	Myeloproliferative neoplasm (MPN)
C3174	Chronic myeloid leukemia (CML)
C3247	Myelodysplastic syndrome (MDS)
C9244	Aggressive lymphoma
C9357	Hodgkin lymphoma
C3211	Non-Hodgkin lymphoma (NHL)
C8851	Diffuse large B-cell lymphoma (DLBCL)
C4337	Mantle cell lymphoma (MCL)
C2912	Burkitt lymphoma
C8504	Indolent lymphoma
C3209	Follicular lymphoma
C3163	Chronic lymphocytic leukemia (CLL)
C4341	Marginal zone lymphoma
C4665	Plasma cell dyscrasia
C3242	Multiple myeloma
C3819	AL amyloidosis
C27908	T-cell and NK-cell neoplasm
C9308	Lymphoproliferative disorder
C3106	Histiocyte disorder
OTH	Other
OTH_H	Other Heme
OTH_S	Other Solid Tumor

Field Annotation: LOINC:63929-4; Terminology: NCIT
@HIDECHOICE = 'OTH'

197	cancer_type_oth Show the field ONLY if: [cancer_type] = 'OTH' or [cancer_type] = 'C132146' or [cancer_type] = 'OTH_H' or [cancer_type] = 'OTH_S' or [cancer_type] = 'C27134'	Please specify cancer type	text
198	acute_leukemia_more Show the field ONLY if: [cancer_type] = 'C9300'	This code is not preferred because it is non-specific. If the patient has a myeloid-lineage acute leukemia (AML, APL, AMML, etc) please go back and select acute myeloid leukemia. If the patient has a plasma cell leukemia, please go back and select plasma cell dyscrasia. Otherwise, please enter the specific details below in the additional cancer details.	descriptive	
199	lung_nos_more Show the field ONLY if: [cancer_type] = 'C4878'	This code should only be used if you do not know the histology of the lung cancer (e.g., the patient was treated without a confirmatory biopsy) or if the histology overlaps. If you know that the cancer is NSCLC (e.g., adenocarcinoma, squamous cell carcinoma, large cell carcinoma) please go back and select that choice. If you know that the cancer is a low-grade neuroendocrine tumor (i.e., carcinoid), please go back and select carcinoid/NET. If you know that the cancer is a high-grade neuroendocrine tumor (i.e., small cell lung cancer), please go back and select SCLC. Otherwise, please enter the specific histology below in the additional cancer details.	descriptive	
200	teravolt Show the field ONLY if: [cancer_type] = 'C4878' or [cancer_type] = 'C2926' or [cancer_type] = 'C4917' or [cancer_type] = 'C3411'	Please consider donating data to the TERAVOLT (Thoracic cancERs international coVid 19 cOLlaboraTion) registry, as well. In order to do this, unless you are already part of a member institution, you will need to reach out to Prof. Jennifer Whisenant j.whisenant@vumc.org	descriptive	
201	multiple_ca	Does the patient have multiple malignancies? This includes multiple active malignancies as well as historic cancers.	radio, Required

0	No
1	Yes
99	Unknown

202	cancer_type_2 Show the field ONLY if: [multiple_ca] = '1'	Cancer type of second malignancy. If the patient has more than two malignancies, please select the second-most recently diagnosed cancer type. If unknown or unclear, please specify in the free text box below.	dropdown (autocomplete)

C132146	Malignant Solid Neoplasm, NOS
C9325	Adrenocorical Carcinoma
C9291	Anal Cancer
C9330	Appendix Cancer
C4436	Bile Duct Cancer (Cholangiocarcinoma)
C4912	Bladder Cancer
C9312	Bone cancer, NOS
C5111	Brain Cancer - benign (e.g., meningioma)
C132067	Brain Cancer - low-grade glioma
C3059	Brain Cancer - high-grade glioma (e.g., GBM)
C4627	Brain (CNS) Cancer, NOS
C4872	Breast Cancer
C9039	Cervical Cancer
C4910	Colon Cancer
C2955	Colon/Rectum Cancer
C3513	Esophagus Cancer
C4817	Ewing Sarcoma
C3867	Fallopian Tube Cancer
C3844	Gallbladder Cancer
C3708	Germ Cell Tumor
C3868	GIST
C4013	Head and Neck Cancer
C4819	Invasive Cutaneous SCC (do not record localized SCC)
C2921	Invasive Cutaneous BCC (do not record localized BCC)
C3234	Mesothelioma
C4039	Ill Defined/Cancer of Unknown Primary
C3099	Liver Cancer (HCC)
C4878	Lung Cancer, NOS

C3224	Melanoma
C9231	Merkel Cell
C3871	Nasopharyngeal Carcinoma
C3270	Neuroblastoma
C3809	Neuroendocrine tumor (NET) or Carcinoid
C2926	Non Small Cell Lung Cancer (NSCLC)
C9145	Osteosarcoma
C7431	Ovarian Cancer
C3850	Pancreatic Cancer
C4906	Parathyroid Cancer
C9061	Penis Cancer
C3538	Peritoneum Cancer
C3555	Placenta Cancer (incl. Choriocarcinoma)
C4863	Prostate Cancer
C9382	Rectum and Rectosigmoid Cancer
C9385	Renal Kidney Cancer (RCC)
C7355	Renal Pelvis Cancer
C7541	Retinoblastoma
C3359	Rhabdomyosarcoma
C6389	Scrotum Cancer
C4917	Small Cell Lung Cancer
C7724	Small Intestine Cancer
C9306	Soft Tissue Sarcoma, NOS
C4911	Stomach (Gastric) Cancer
C9063	Testis Cancer
C3411	Thymus Cancer
C4815	Thyroid Cancer
C7558	Uterus (Endometrial) Cancer
C3917	Vagina Cancer
C8538	Vascular Sarcoma, NOS
C4866	Vulva Cancer
C3267	Wilms Tumor
C27134	Malignant Hematologic Neoplasm, NOS
C9300	Acute Leukemia
C3171	Acute myeloid leukemia (AML)
C3167	Acute lymphoblastic leukemia (ALL)
C4345	Myeloproliferative neoplasm (MPN)
C3174	Chronic myeloid leukemia (CML)
C3247	Myelodysplastic syndrome (MDS)
C9244	Aggressive lymphoma
C9357	Hodgkin lymphoma
C3211	Non-Hodgkin lymphoma (NHL)
C8851	Diffuse large B-cell lymphoma (DLBCL)
C4337	Mantle cell lymphoma (MCL)
C2912	Burkitt lymphoma
C8504	Indolent lymphoma
C3209	Follicular lymphoma
C3163	Chronic lymphocytic leukemia (CLL)
C4341	Marginal zone lymphoma
C4665	Plasma cell dyscrasia
C3242	Multiple myeloma
C3819	AL amyloidosis
C27908	T-cell and NK-cell neoplasm
C9308	Lymphoproliferative disorder

C3106	Histiocyte disorder
OTH	Other
OTH_H	Other Heme
OTH_S	Other Solid Tumor

Field Annotation: LOINC:63929-4; Terminology: NCIT
@HIDECHOICE = 'OTH'

203	cancer_type_oth_2 Show the field ONLY if: [cancer_type_2] = 'OTH' or [cancer_type_2] = 'C132146' or [cancer_type_2] = 'OTH_H' or [cancer_type_2] = 'OTH_S' or [cancer_type_2] = 'C27134'	Please specify cancer type	text
204	multiple_ca_more Show the field ONLY if: [multiple_ca] = '1'	Multiple malignancies - further details. Please provide further details, including whether the primary cancers were synchronous or metachronous, the types of the multiple primaries, etc. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

205	breast_biomarkers Show the field ONLY if: [cancer_type] = 'C4872' or [cancer_type_2] = 'C4872'	Breast cancer specific: What is the breast cancer phenotype? Check all that apply.	checkbox

		checkbox
ER	breast_biomarkers___er	Estrogen-receptor positive
HER2	breast_biomarkers___her2	HER2 overexpressing (HER2 positive)
TNBC	breast_biomarkers___tnbc	Triple-negative breast cancer (ER, PR, and HER2 negative)
99	breast_biomarkers___99	Unknown

206	bcg_intraves_ever Show the field ONLY if: [cancer_type] = 'C4912' or [cancer_type_2] = 'C4912'	Bladder cancer specific: Has the patient ever received intravesicular BCG?	radio

0	No
1	Yes
99	Unknown

207	gleason Show the field ONLY if: [cancer_type] = 'C4863' or [cancer_type_2] = 'C4863'	Prostate cancer specific: Gleason Score – Document the highest Gleason score (from either biopsy or radical prostatectomy - preferred if available). For example, Gleason 4 + 3 would be marked as Gleason 7.	radio

02	Gleason score 2
03	Gleason score 3
04	Gleason score 4
05	Gleason score 5
06	Gleason score 6
07	Gleason score 7
08	Gleason score 8
09	Gleason score 9
10	Gleason score 10
X7	No needle core biopsy/TURP/prostatectomy performed
X8	Not applicable: Information not collected for this case
X9	Not documented in medical record or Gleason Score not assessed or unknown if assessed

Field Annotation: NAACCR 3840/3841

208	gleason_source Show the field ONLY if: ([cancer_type] = 'C4863' or [cancer_type_2] = 'C4863') and ([gleason] = '02' or [gleason] = '03' or [gleason] = '04' or [gleason] = '05' or [gleason] = '06' or [gleason] = '07' or [gleason] = '08' or [gleason] = '09' or [gleason] = '10')	Prostate cancer specific: What type of specimen was the Gleason score based on?	radio

3840	Prostate biopsy or TURP
3841	Radical prostatectomy
MET	Metastatic site of disease
UNK	Unknown

209	cancer_status	Cancer status. If the patient has multiple primaries, please report on the cancer that was most recently treated.	radio, Required

			1	Remission/NED
			2	Active disease, responding to treatment
			3	Active disease, stable
			4	Active disease, progressing
			5	Active disease, status unknown or not yet assessed
			99	Unknown

210	hospice Show the field ONLY if: [cancer_status] = 4 or [cancer_status] = 5	Was the patient on hospice prior to the COVID-19 diagnosis?	radio
			0 No
			1 Yes
			99 Unknown

211	on_treatment	Is the patient on anti-cancer treatment? That is, was the patient receiving any treatments intended to directly or indirectly destroy cancer cells in the 3 months prior to COVID-19 diagnosis? This includes systemic therapy, surgery, radiotherapy, and transplant/cellular therapy (including prior to actual transplant/infusion).	radio, Required
			1 Yes
			0 No
			99 Unknown

212	recent_treatment Show the field ONLY if: [on_treatment] = '1'	When was the most recent anti-cancer treatment, relative to the time of COVID-19 diagnosis? Anti-cancer treatment means anything intended to directly or indirectly destroy cancer cells, including systemic therapy, surgery, radiotherapy, and transplant/cellular therapy.	radio, Required
			1 Less than 2 weeks prior to COVID-19 diagnosis
			2 Within 2 to 4 weeks prior to COVID-19 diagnosis
			3 Within the month to 3 months prior to COVID-19 diagnosis
			88 More than 3 months prior to COVID-19 diagnosis
			99 Unknown

213	hx_treatment Show the field ONLY if: [on_treatment] = '0' or [recent_treatment] = '88'	When was the most recent anti-cancer treatment completed, relative to the time of COVID-19 diagnosis?	radio
			1 Completed within 3 months prior to COVID-19 diagnosis
			2 Completed more than 3 months but less than 1 year prior to COVID-19 diagnosis
			3 Completed more than 1 year prior to COVID-19 diagnosis
			88 Never (patient never received cancer treatment prior to COVID-19 diagnosis)
			99 Unknown

214	treatment_modality Show the field ONLY if: [on_treatment] = '1' or [hx_treatment] = '1' or [hx_treatment] = '2'	Anti-cancer treatment modality. Check all that apply. For example, if a patient received concurrent chemoradiation, check cytotoxic chemotherapy and radiotherapy. Note: "Cytotoxic chemotherapy" should be selected only for drugs that have direct toxic effects on the cellular reproduction apparatus (e.g., anthracyclines, taxanes, vinca alkaloids, etc.). Note: monoclonal antibodies that do not have a direct immunostimulatory effect (e.g., rituximab, bevacizumab, etc.) should be selected as "Targeted therapy", as should immunomodulators (e.g., lenalidomide) and drugs that targeted specific cellular proteins (e.g., venetoclax, ibrutinib).	checkbox, Required

685	treatment_modality___685	Cytotoxic chemotherapy
694	treatment_modality___694	Immunotherapy
58229	treatment_modality___58229	Targeted therapy
691	treatment_modality___691	Endocrine therapy
695	treatment_modality___695	Radiotherapy
14051	treatment_modality___14051	Surgery
45186	treatment_modality___45186	Transplant/Cellular therapy
45215	treatment_modality___45215	Intravesicular therapy (e.g., BCG)
OTH	treatment_modality___oth	Other

Field Annotation: Terminology: HemOnc

215	intravesicular_bcg Show the field ONLY if: [treatment_modality(45215)] = '1'	Did the intravesicular therapy include BCG?	radio
			0 No
			1 Yes
			99 Unknown

216	tx_modality_oth_specify Show the field ONLY if: [treatment_modality(OTH)] = '1'	Please specify other modalities. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

217	what_immunotherapy Show the field ONLY if: [treatment_modality(694)] = '1'	What immunotherapy?	radio, Required

45838	Anti-CTLA4 antibody
45446	Anti-PD-1 antibody (e.g., nivolumab, pembrolizumab)
45170	Anti-PD-L1 antibody (e.g., atezolizumab, avelumab)
45838-45446	Combination of anti-CTLA4 and anti-PD-1 (e.g. ipilimumab & nivolumab)
OTH	Other
UNK	Unknown

Field Annotation: Terminology: HemOnc

218	immuno_other_specify Show the field ONLY if: [what_immunotherapy] = 'OTH'	Please specify what other immunotherapy Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

219	what_targeted_tx Show the field ONLY if: [treatment_modality(58229)] = '1'	Some targeted therapies have postulated antiviral effects. Was the patient taking any of these medications? Check all that apply.	checkbox

L01XE51	what_targeted_tx___l01xe51	Acalabrutinib (Calquence)
L01XE06	what_targeted_tx___l01xe06	Dasatinib (Sprycel)
L01XE57	what_targeted_tx___l01xe57	Fedratinib (Inrebic)
L01XE27	what_targeted_tx___l01xe27	Ibrutinib (Imbruvica)
L01XE01	what_targeted_tx___l01xe01	Imatinib (Gleevec)
L01XE08	what_targeted_tx___l01xe08	Nilotinib (Tasigna)
L01XE18	what_targeted_tx___l01xe18	Ruxolitinib (Jakafi)
L04AA29	what_targeted_tx___l04aa29	Tofacitinib (Xeljanz)
OTH	what_targeted_tx___oth	Other
UNK	what_targeted_tx___unk	Unknown
NONE	what_targeted_tx___none	None

220	targeted_other_specify Show the field ONLY if: [what_targeted_tx(OTH)] = '1'	Please specify what other targeted therapy. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

221	pneumonitis Show the field ONLY if: [treatment_modality(694)] = '1'	Is there a strong concern for concurrent immune-related adverse event (irAE) pneumonitis?	radio

1	No
2	Possible
3	Likely
4	Definite irAE pneumonitis

222	other_irae Show the field ONLY if: [treatment_modality(694)] = '1'	Is there a strong concern for another concurrent irAE?	yesno

1	Yes
0	No

223	irae_text Show the field ONLY if: [other_irae] = '1'	Please describe Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

224	radiotherapy Show the field ONLY if: [treatment_modality(695)] = '1'	Does or did the radiation treatment field include the lungs to any degree?	radio

1	Yes
0	No
99	Unknown

225	transplant_prior_tx Show the field ONLY if: [treatment_modality(45186)] = '1' or [significant_comorbidities(234336002)] = '1'	Transplant and cellular therapy - additional information. So that we can better understand the patient's degree of immunosuppression, please provide additional details related to their prior treatment course and to their disease status when entering into transplant or cellular therapy. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

226	transplant_cellular_therapy Show the field ONLY if: [treatment_modality(45186)] = '1' or [significant_comorbidities(234 336002)] = '1'	Transplant & cellular therapy - what type of therapy?	radio

radio

1	Autologous stem cell transplant
10	Allogeneic SCT (donor/type unknown)
2	MUD allogeneic SCT
3	MRD allogeneic SCT
4	Haplo allogeneic SCT
5	Cord blood allogeneic SCT
6	CAR-T cells
OTH	Other
7	Unknown

227	sct_other_specify Show the field ONLY if: [transplant_cellular_therapy] = 'O TH'	Please specify what other type of transplant or cellular therapy Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

228	transplant_cellular_timing Show the field ONLY if: [treatment_modality(45186)] = '1' or [significant_comorbidities(234 336002)] = '1'	Transplant & cellular therapy - how far out from treatment?	radio

radio

0	During prep (prior to transplant)
1	0-20 days
2	21-100 days
3	101-365 days
4	More than 1 year
5	Unknown

229	treatment_additional Show the field ONLY if: [on_treatment] = '1' or [hx_treatm ent] = '1'	Anti-cancer treatment - additional information. Please give more details here about the specific treatment(s) that the patient has been receiving, including drug and/or regimen names. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

230	treatment_intent Show the field ONLY if: [on_treatment] = '1' or [hx_treatm ent] = '1'	Anti-cancer treatment intent	radio, Required

radio, Required

1	Curative
2	Palliative
99	Unclear or unknown

231	treatment_context Show the field ONLY if: [on_treatment] = '1' or [hx_treatm ent] = '1'	Current anti-cancer treatment context. Note that the language for treatment context differs for solid and hematologic malignancies. The first set of choices are more commonly used for solid tumors, and the last three (induction, consolidation, maintenance) for hematologic malignancy.	radio

radio

46235	Curative therapy, NOS
5250	Neoadjuvant
2618	Adjuvant
2648	Non-curative therapy, NOS
3175	1st line non-curative therapy
14900	2nd line non-curative therapy
1874	Subsequent line non-curative therapy
813	Induction
1526	Consolidation
1901	Maintenance
OTH	Other
UNK	Unknown

Field Annotation: Terminology: HemOnc

232	other_context Show the field ONLY if: [treatment_context] = 'OTH'	Please specify other treatment context Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

233	orchiectomy Show the field ONLY if: [cancer_type] = 'C4863' or [cancer _type_2] = 'C4863'	Prostate cancer specific: Has the patient had a bilateral orchiectomy?	radio

radio

0	No
1	Yes
99	Unknown

234	adt Show the field ONLY if: ([cancer_type] = 'C4863' or [cance r_type_2] = 'C4863') and [hx_treat ment] != '3' and [hx_treatment] != '88'	Prostate cancer specific: Was the patient on androgen deprivation therapy within 6 months of a positive SARS-CoV-2 test or presumed positive COVID-19 disease? HINT: Androgen deprivation therapy is typically administered in the form of an injection given every 1, 3, 4, or 6 months. Agents largely include: degarelix, leuprolide, goserelin, triptorelin, buserelin.	radio

radio

0	No
1	Yes
99	Unknown

235	prostate_tx Show the field ONLY if: ([cancer_type] = 'C4863' or [cancer_type_2] = 'C4863') and [hx_treatment] != '3' and [hx_treatment] != '88'	Prostate cancer specific: Please check all the prostate cancer therapies that the patient received within 3 months of a positive SARS-CoV-2 test or presumed positive COVID-19 disease. More than one option can be selected.	checkbox		
			83008	prostate_tx___83008	Bicalutamide (Casodex)
			4508	prostate_tx___4508	Flutamide
			31805	prostate_tx___31805	Nilutamide
			1100072	prostate_tx___1100072	Abiraterone
			1307298	prostate_tx___1307298	Enzalutamide (Xtandi)
			1999574	prostate_tx___1999574	Apalutamide (Erleada)
			2180325	prostate_tx___2180325	Darolutamide (Nubeqa)
			72962	prostate_tx___72962	Docetaxel (Taxotere)
			996051	prostate_tx___996051	Cabazitaxel (Jevtana)
			40048	prostate_tx___40048	Carboplatin
			7005	prostate_tx___7005	Mitoxantrone
			997261	prostate_tx___997261	Sipuleucel-T
			1958200	prostate_tx___1958200	Radium-223
			1597582	prostate_tx___1597582	Olaparib
			1862579	prostate_tx___1862579	Rucaparib
			1547545	prostate_tx___1547545	Pembrolizumab
			TRIAL	prostate_tx___trial	Clinical trial
			OTH	prostate_tx___oth	Other agent
			NONE	prostate_tx___none	None of the above
			UNK	prostate_tx___unk	Unknown

236	prostate_trial_more Show the field ONLY if: [prostate_tx(TRIAL)] = '1'	Please specify clinical trial details. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

237	prostate_tx_oth Show the field ONLY if: [prostate_tx(OTH)] = '1'	Please specify other agent(s). Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

238	cancer_more Show the field ONLY if: [ccc19] = '0'	Section Header: *Cancer-specific data - Optional* Would you like to answer additional cancer-specific questions? This is optional but will really help us understand the granular details better.	yesno 1 Yes 0 No

239	stage Show the field ONLY if: [cancer_more] = '1' or [ccc19] = '1'	Stage at cancer diagnosis. If the patient has multiple primaries, please report on the cancer that was most recently treated. If the patient was initially diagnosed with in situ cancer but then developed invasive disease, please report the stage at the time of invasive disease diagnosis. For hematologic malignancies that are not anatomically staged (e.g., leukemias, myeloma), select localized or disseminated based on the distribution of the disease. For example, multiple myeloma would be disseminated, whereas a solitary plasmacytoma would be localized.	radio 1004-0 0 (in situ) 1 I 2 II 3 III 4 IV 764-1 Localized 764-7 Disseminated OTH Other 99 Unknown Field Annotation: Terminology: NAACCR

240	stage_oth_specify Show the field ONLY if: [stage] = 'OTH'	Please specify other stage at cancer diagnosis Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

241	mets_yn Show the field ONLY if: ([cancer_more] = '1' or [ccc19] = '1') and [cancer_status] != '1'	Did the patient have metastatic cancer at the time of COVID-19 diagnosis?	radio 0 No 1 Yes 88 Not applicable (e.g., patient has a liquid hematologic malignancy) 99 Unknown

| 242 | mets_sites

Show the field ONLY if:
[mets_yn] = '1' | What were the sites of metastatic disease? Please check all that apply. | checkbox |

1112-1	mets_sites___1112_1	Bone
1113-1	mets_sites___1113_1	Brain
1114-1	mets_sites___1114_1	Distant lymph nodes
1115-1	mets_sites___1115_1	Liver
1116-1	mets_sites___1116_1	Lung
1117-1	mets_sites___1117_1	Other sites
1117-2	mets_sites___1117_2	Generalized metastases such as carcinomatosis, malignant pleural effusion, malignant ascites
9	mets_sites___9	Unknown

Field Annotation: Terminology: NAACCR

| 243 | mets_oth_specify

Show the field ONLY if:
[mets_sites(1117-1)] = '1' | Please specify additional sites of metastatic cancer Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 244 | cancer_timing

Show the field ONLY if:
[cancer_more] = '1' or [ccc19] = '1' | When was the patient's cancer diagnosed? If the patient has multiple primaries, please report on the cancer that was most recently treated. | radio |

1	Within the past year
2	Within the past 5 years
3	More than 5 years ago
99	Unknown

| 245 | clinical_trial

Show the field ONLY if:
[cancer_more] = '1' or [ccc19] = '1' | Is the patient on a clinical trial? | radio |

0	No
1	Yes
99	Unknown

| 246 | clinical_trial_more

Show the field ONLY if:
[clinical_trial] = '1' | Please provide additional details if you can. Note: some institutions have restrictions on sharing of this information, please check with your institutional official if you have any questions. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 247 | additional_ca_dx

Show the field ONLY if:
[cancer_more] = '1' or [ccc19] = '1' | Additional details about cancer diagnosis (stage, prior therapies, etc.) Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 248 | prior_tx

Show the field ONLY if:
[cancer_more] = '1' or [ccc19] = '1' | Has the patient ever received treatments known to be associated with cardiac or pulmonary toxicity? Check all that apply. | checkbox |

checkbox

73	prior_tx___73	Bleomycin
90	prior_tx___90	Carmustine
122	prior_tx___122	Cyclophosphamide
202	prior_tx___202	Everolimus
243	prior_tx___243	Gemcitabine
44985	prior_tx___44985	Anthracyclines
45000	prior_tx___45000	Antibody-drug conjugates
45613	prior_tx___45613	Anti-CD38 antibodies (e.g. daratumumab)
58101	prior_tx___58101	Checkpoint inhibitors
694	prior_tx___694	Immunotherapy
44947	prior_tx___44947	Monoclonal antibodies
45388	prior_tx___45388	Platinum agents
45352	prior_tx___45352	Taxanes
44955	prior_tx___44955	Tyrosine kinase inhibitors (TKIs)
695	prior_tx___695	Radiation involving a lung field
OTH	prior_tx___oth	Other
UNK	prior_tx___unk	Unknown
NONE	prior_tx___none	None

Field Annotation: Terminology: HemOnc

| 249 | drugs_expanded

Show the field ONLY if:
[prior_tx(45613)] = '1' or [prior_tx(44985)] = '1' or [prior_tx(45388)] = '1' or [prior_tx(45352)] = '1' or [prior_tx(44955)] = '1' | Please list specific drugs | text |

| 250 | irae_gr3

Show the field ONLY if:
[prior_tx(58101)] = '1' or [prior_tx(694)] = '1' or [treatment_modality(694)] = '1' | Has the patient experienced a current or past (ever) iRAE CTCAE grade 3 or above? Check all that apply. | checkbox |

checkbox

418290006	irae_gr3___418290006	Pruritis
271807003	irae_gr3___271807003	Rash
56727007	irae_gr3___56727007	Vitiligo
26889001	irae_gr3___26889001	Myositis
91637004	irae_gr3___91637004	Myasthenia gravis
57676002	irae_gr3___57676002	Arthralgia
3723001	irae_gr3___3723001	Arthritis
205237003	irae_gr3___205237003	Pneumonitis
40930008	irae_gr3___40930008	Hypothyroidism
34486009	irae_gr3___34486009	Hyperthyroidism
267060006	irae_gr3___267060006	Diarrhea
64226004	irae_gr3___64226004	Colitis
64613007	irae_gr3___64613007	Enteritis
128241005	irae_gr3___128241005	Hepatitis
OTH	irae_gr3___oth	Other
NONE	irae_gr3___none	None
UNK	irae_gr3___unk	Unknown

| 251 | irae_oth_specify

Show the field ONLY if:
[irae_gr3(OTH)] = '1' | Please specify what other iRAE CTCAE grade 3 or above. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year. | notes |

| 252 | irae_past

Show the field ONLY if:
[prior_tx(58101)] = '1' or [prior_tx(694)] = '1' | Was there ever evidence of an immune-related adverse event (irAE) affecting the lungs or heart? (pneumonitis, myocarditis) | radio |

radio

1	No
2	Possible
3	Likely
4	Definite

253	irae_past_more Show the field ONLY if: [irae_past] = '2' or [irae_past] = '3' or [irae_past] = '4'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
254	prior_tx_other Show the field ONLY if: [prior_tx(OTH)] = '1'	Please specify other past treatments with potential cardiac or pulmonary toxicity.	text
255	prior_tx_text Show the field ONLY if: [cancer_more] = '1' or [ccc19] = '1'	If the patient had potentially lung-toxic therapy in the past, please provide further details. For example, how long ago the treatment was, whether there was overt lung toxicity at the time of treatment, etc. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
256	comments_form_3	Section Header: *Free text entry (optional)* Comments Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
257	cancer_details_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: **Respondent details** (respondent_details) 🖥 Enabled as survey   ⌃ Collapse

258	ts_4	Timestamp for the fourth form	text (datetime_dmy) Field Annotation: @HIDDEN @NOW_UTC
259	role	Section Header: *A bit about you* Are you the primary managing hematologist/oncologist?	yesno, Required 1 Yes 0 No
260	practice_setting Show the field ONLY if: [role] = '1'	What is your practice setting? Check all that apply.	checkbox 1 practice_setting___1 Community Practice 2 practice_setting___2 Community Hospital 3 practice_setting___3 University Hospital 4 practice_setting___4 NCI designated Comprehensive Cancer Center 5 practice_setting___5 Other Cancer Centers 6 practice_setting___6 Other Tertiary Center
261	role_2 Show the field ONLY if: [role] = '0'	What is your role in relationship to the patient?	radio, Required 1 Advanced practice practitioner who regularly sees patient 2 Nurse who regularly sees patient 3 Hematology/oncology fellow who regularly sees patient 4 Triage personnel 5 Hospitalist 6 Intensivist 99 Designee of a CCC19 participating institution 7 Other
262	other_role Show the field ONLY if: [role] = '7'	Please specify	text, Required
263	email_1	Thank you very much for filling out this short survey. Due to IRB restrictions, we are not able to collect further personal details from you at this time. You may learn more about CCC19 by visiting the CCC19 website (clicking this link will open a new window).	descriptive
264	comments_form_4	Please leave any general comments here, including what if anything we can do to make the survey better.	notes
265	respondent_details_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: **Follow-up** (followup) 🖥 Enabled as survey   ⌃ Collapse

266	ts_5	Timestamp for the fifth form	text (datetime_dmy) Field Annotation: @HIDDEN @NOW_UTC		
267	fu_weeks	How far out from initial COVID-19 diagnosis are you making this report?	radio, Required		
			30	Approximately 30 days after COVID-19 diagnosis	
			90	Approximately 90 days after COVID-19 diagnosis	
			OTH	All other time intervals	
268	timing_of_report_weeks Show the field ONLY if: [fu_weeks] = 'OTH'	Please specify, in weeks, how much time has elapsed since initial COVID-19 diagnosis.	text (number, Min: 0), Required		
269	fu_reason Show the field ONLY if: [fu_weeks] = 'OTH'	What is prompting this follow-up report?	radio, Required		
			1	Hospitalization	
			2	Major change in clinical status other than hospitalization	
			3	Death	
			OTH	Other	
270	fu_reason_oth Show the field ONLY if: [fu_reason] = 'OTH'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
271	covid_19_status_fu	Section Header: *COVID-19 follow-up details -- required* Current COVID-19 status Fully recovered means that the patient has returned to their baseline functional status and repeat SARS-CoV-2 testing, if obtained, is negative. If they are on medications to treat sequelae or have functional compromise (e.g., impaired pulmonary function) but are not considered to have active infection, they should be considered to have recovered with complications.	radio, Required		
			1	Fully recovered	
			1b	Recovered with complications	
			2	Ongoing infection	
			3	Died	
			99	Unknown	
272	deceased_reason_fu_2 Show the field ONLY if: [covid_19_status_fu] = '3'	Please provide additional details about the proximal cause of death. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required		
273	who_ordinal_scale Show the field ONLY if: ([fu_weeks] = '30' or [fu_weeks] = '90') and [covid_19_status_fu] != '3'	WHO Ordinal Scale for Clinical Improvement Please note that this scale is somewhat redundant to other questions here, but will help us to validate the scale as a reliable tool for determining disease severity at fixed time-based endpoints.	radio, Required		
			1	Ambulatory (Not hospitalized) with no limitation of activities	
			2	Ambulatory (Not hospitalized) with limitation of activities	
			3	Hospitalized, no oxygen therapy	
			4	Hospitalized, requiring oxygen by mask or nasal prongs	
			5	Hospitalized, requiring non-invasive ventilation or high-flow oxygen	
			6	Hospitalized, requiring intubation and mechanical ventilation	
			7	Hospitalized, requiring ventilation + additional organ support - pressors, RRT, and/or ECMO	
			OTH	Other - patient does not fit into any of these categories	
			UNK	Unknown	
274	who_ordinal_oth Show the field ONLY if: [who_ordinal_scale] = 'OTH'	Please briefly explain why the patient does not fit into any of the categories.	notes		

275	current_status_clinical_fu Show the field ONLY if: [covid_19_status_fu] = '2'	Current clinical status	radio, Required	
			0	Outpatient - No symptoms
			1	Outpatient - Mild symptoms
			2	Outpatient - Moderate symptoms
			3	Outpatient - Severe symptoms
			4	Inpatient - Near Recovery
			5	Inpatient - Moderately ill
			6	Inpatient - Severely ill
			7	Critical (ICU) - Severely ill, not requiring ventilator support
			8	Critical (ICU) - Severely ill, intubated
			OTH	Other
			99	Unknown
276	current_status_clinical_specify_fu Show the field ONLY if: [current_status_clinical_fu] = 'OTH'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required	
277	worst_complications_severity_fu Show the field ONLY if: [covid_19_status_fu] = '1' or [covid_19_status_fu] = '1b' or [covid_19_status_fu] = '2'	Worst severity of COVID-19 complications. This answer should capture the worst severity from the time of diagnosis to the time of this follow-up report.	radio, Required	
			0	None (patient was asymptomatic)
			1	Mild complications (mimimal symptoms from complications)
			2	Moderate complications (moderate symptoms from complications)
			3	Serious complications (symptoms substantially impact the patient's functional status or disabling physical functioning)
			OTH	Other
			99	Unknown
278	complications_severity_fu Show the field ONLY if: [covid_19_status_fu] = '1b' or [covid_19_status_fu] = '2'	Severity of COVID-19 complications at the time of this follow-up report. Check all that apply.	checkbox, Required		
			0	complications_severity_fu___0	No complications
			1	complications_severity_fu___1	Mild complications (mimimal symptoms from complications)
			2	complications_severity_fu___2	Moderate complications (moderate symptoms from complications)
			3	complications_severity_fu___3	Serious complications (symptoms substantially impact the patient's functional status or disabling physical functioning)
			OTH	complications_severity_fu___oth	Other
			99	complications_severity_fu___99	Unknown
279	complications_severity_oth_specify_fu Show the field ONLY if: [complications_severity_fu(OTH)] = '1'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required	
280	cancer_tx_fu Show the field ONLY if: [covid_19_status_fu] != '3'	Section Header: *COVID-19 Effect on Cancer Treatment* Was the patient's cancer treatment plan modified as a result of COVID-19?	radio, Required	
			0	No
			1	Yes
			99	Unknown

281	cancer_tx_fu_more Show the field ONLY if: [cancer_tx_fu] = '1'	Please provide additional details. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
282	cancer_status_fu Show the field ONLY if: [covid_19_status_fu] != '3'	Cancer status at the time of this follow-up report. If the patient has multiple primaries, please report on the cancer that was most recently treated.	radio, Required 1 Remission/NED 2 Active disease, responding to treatment 3 Active disease, stable 4 Active disease, progressing 5 Active disease, status unknown or not yet assessed 99 Unknown
283	hospice_fu Show the field ONLY if: [hospice] != '1'	Section Header: *COVID-19 follow-up details -- optional The following sections contain questions that will help us more fully understand the disease course of COVID-19. Most but not all of these questions are optional.* Since you last reported on this patient, were they transitioned to hospice?	radio 0 No 1 Yes 99 Unknown
284	hospice_fu_more Show the field ONLY if: [hospice_fu] = '1'	Please specify why the patient was transitioned to hospice.	notes
285	hosp_status_fu Show the field ONLY if: [current_status] = '1' or [current_status] = '2' or [current_status] = '3' or [current_status] = '4' or [current_status_clinical] = '1' or [current_status_clinical] = '2' or [current_status_clinical] = '3' or [worst_status_clinical] = '1' or [worst_status_clinical] = '2' or [worst_status_clinical] = '3'	Since you last reported on this patient, were they admitted to the hospital?	radio, Required 0 No 1 Yes - admitted to floor for the duration of the illness 2 Yes - admitted to floor and then transferred to the ICU 3 Yes - admitted directly to the ICU 99 Unknown
286	admission_reason_fu Show the field ONLY if: [hosp_status_fu] = '1' or [hosp_status_fu] = '2' or [hosp_status_fu] = '3'	Was the admission related to COVID-19 or complications of COVID-19?	radio, Required 1 Definitely related 2 Possibly related 3 Unrelated 99 Unknown
287	hosp_los_fu Show the field ONLY if: [hosp_status_fu] = '1'	If known, how long was the length of stay, in days?	text (integer, Min: 1)
288	hosp_los_fu_2 Show the field ONLY if: [hosp_status_fu] = '2'	If known, how long was the length of stay prior to transfer to the ICU, in days?	text (integer, Min: 1)
289	icu_los_fu Show the field ONLY if: [hosp_status_fu] = '2' or [hosp_status_fu] = '3'	If known, how long was the ICU length of stay, in days?	text (integer, Min: 1)
290	current_status_fu	What is the patient's current location?	radio 2 Outpatient - follow up 4 ER - Follow up 5 Hospitalized (non-ICU) - new admit 6 Hospitalized (non-ICU) - continued 7 ICU - new admit 8 ICU - continued 9 None - patient is deceased 99 Unknown
291	days_to_death_fu Show the field ONLY if: [current_status_fu] = '9' or [fu_reason] = '3'	Approximately how many days elapsed between COVID-19 diagnosis and death? If this information is unknown to you, please enter 9999 here.	text (integer, Min: 0), Required
292	deceased_reason_fu Show the field ONLY if: [current_status_fu] = '9'	Please provide additional details about the proximal cause of death. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes, Required

293	c19_complications_systemic_fu	Section Header: *Additional Medical Events Please report any new complications or medical events that have arisen since completing the most recent form, whether or not they are clearly attributable to COVID-19 or another cause.* Systemic events during the follow-up period. Check all that apply. If there were no additional systemic events, please check "No additional events".	checkbox, Required		
			50960005	c19_complications_systemic_fu___50960005	Ble
			67406007	c19_complications_systemic_fu___67406007	Dis int oa (DI
			57653000	c19_complications_systemic_fu___57653000	Mu fai
			91302008	c19_complications_systemic_fu___91302008	Se
			238147009	c19_complications_systemic_fu___238147009	Ot
			NONE	c19_complications_systemic_fu___none	No sys eve
			UNK	c19_complications_systemic_fu___unk	Un
			Field Annotation: Terminology: SNOMED		

294	c19_bleeding_fu Show the field ONLY if: [c19_complications_systemic_fu(50960005)] = '1'	Please specify the type of bleeding. Check all that apply.	checkbox		
			112648003	c19_bleeding_fu___112648003	Major bleeding (requiring multiple RBCs transfusic or ICU admit)
			73099002	c19_bleeding_fu___73099002	Non-majo but clinica relevant bleed
			127563002	c19_bleeding_fu___127563002	Minor ble (without transfusic need)
			230690007-Major	c19_bleeding_fu___230690007_major	CNS hemorrha extensive
			230690007-Minor	c19_bleeding_fu___230690007_minor	CNS hemorrha limited
			OTH	c19_bleeding_fu___oth	Other
			UNK	c19_bleeding_fu___unk	Unknown
			Field Annotation: Terminology: SNOMED-modified		

295	c19_bleeding_oth_specify_fu Show the field ONLY if: [c19_bleeding_fu(OTH)] = '1'	Please specify further details about bleeding. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
296	dic_more_fu Show the field ONLY if: [c19_complications_systemic_fu(67406007)] = '1'	Please provide further details about DIC, including clinical manifestations. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
297	c19_comp_systemic_specify_fu Show the field ONLY if: [c19_complications_systemic_fu(238147009)] = '1'	Please specify other systemic events. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

298	o2_requirement_fu	Did the patient require supplemental O2 during the follow-up period?	radio, Required

0	No
1	Yes
99	Unknown

299	c19_complications_pulm_fu	Pulmonary events during the follow-up period. Check all that apply. If there were no additional pulmonary events, please check "No additional events".	checkbox, Required		
			409622000	c19_complications_pulm_fu___409622000	Respir failure
			205237003	c19_complications_pulm_fu___205237003	Pneun
			67782005	c19_complications_pulm_fu___67782005	Acute respira distres syndro (ARDS
			59282003	c19_complications_pulm_fu___59282003	Pulmo embol
			60046008	c19_complications_pulm_fu___60046008	Pleura effusic
			312682007	c19_complications_pulm_fu___312682007	Empye
			50043002	c19_complications_pulm_fu___50043002	Other
			NONE	c19_complications_pulm_fu___none	No additic pulmo events
			UNK	c19_complications_pulm_fu___unk	Unkno
			Field Annotation: Terminology: SNOMED		
300	resp_failure_tx_fu Show the field ONLY if: [c19_complications_pulm_fu(409622000)] = '1' or [o2_requirement_fu] = '1'	Which of the following supplemental O2 interventions did the patient require? Select the most invasive intervention required during the follow-up period.	radio		
			1	Nasal cannula or face mask with standard O2	
			2	High-flow nasal cannula or blow-by	
			3	Non-rebreather	
			4	CPAP	
			5	BiPAP	
			6	Intubation	
			99	Unknown	
301	berlin_yn_fu Show the field ONLY if: [c19_complications_pulm_fu(67782005)] = '1'	Were the Berlin criteria formally assessed?	radio		
			0	No	
			1	Yes	
			99	Unknown/Unsure	
302	berlin_fu Show the field ONLY if: [berlin_yn_fu] = '1'	Berlin criteria.The Berlin criteria are based on a decreased PaO2/FiO2 ratio:-mild ARDS: 201 - 300 mmHg (≤ 39.9 kPa)-moderate ARDS: 101 - 200 mmHg (≤ 26.6 kPa)-severe ARDS: ≤ 100 mmHg (≤ 13.3 kPa)Note that the Berlin definition requires a minimum positive end expiratory pressure (PEEP) of 5 cmH2O for consideration of the PaO2/FiO2 ratio. This degree of PEEP may be delivered noninvasively with CPAP to diagnose mild ARDS.	radio, Required		
			1	Mild	
			2	Moderate	
			3	Severe	
			99	Unknown	
303	c19_comp_pulm_specify_fu Show the field ONLY if: [c19_complications_pulm_fu(50043002)] = '1'	Please specify other pulmonary events. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		

304	c19_complications_card_fu	Cardiovascular events during the follow-up period. Check all that apply. If there were no additional cardiovascular events, please check "No additional events".	checkbox, Required		
			45007003	c19_complications_card_fu___45007003	Hypote
			22298006	c19_complications_card_fu___22298006	Myocar infarcti
			414545008	c19_complications_card_fu___414545008	Other (ischem
			49436004	c19_complications_card_fu___49436004	Atrial fi
			71908006	c19_complications_card_fu___71908006	Ventric fibrillat
			698247007	c19_complications_card_fu___698247007	Other (arrhyth
			85898001	c19_complications_card_fu___85898001	Cardior
			42343007	c19_complications_card_fu___42343007	Conges heart fa (CHF
			59282003	c19_complications_card_fu___59282003	Pulmor emboli
			128053003	c19_complications_card_fu___128053003	Deep v thromb (DVT
			275517008	c19_complications_card_fu___275517008	Superfi venous thromb (SVT)
			230690007	c19_complications_card_fu___230690007	Cerebr accider stroke)
			414086009	c19_complications_card_fu___414086009	Throml NOS
			49601007	c19_complications_card_fu___49601007	Other
			NONE	c19_complications_card_fu___none	No add cardiov events
			UNK	c19_complications_card_fu___unk	Unknov
			Field Annotation: Terminology: SNOMED		
305	hotn_pressors_fu Show the field ONLY if: [c19_complications_card_fu(45007003)] = '1'	Did the patient require pressors?	radio 0 No 1 Yes 99 Unknown		
306	c19_comp_card_specify_fu Show the field ONLY if: [c19_complications_card_fu(49601007)] = '1' or [c19_complications_card_fu(414545008)] = '1' or [c19_complications_card_fu(698247007)] = '1'	Please specify other cardiac events. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
307	c19_complications_gi_fu	Gastrointestinal events during the follow-up period. Check all that apply. If there were no additional GI events, please check "No additional events".	checkbox		
			427044009	c19_complications_gi_fu___427044009	Acute hep injury
			389026000	c19_complications_gi_fu___389026000	Ascites
			81060008	c19_complications_gi_fu___81060008	Bowel obstructic
			56905009	c19_complications_gi_fu___56905009	Bowel perforatic
			710572000	c19_complications_gi_fu___710572000	Ileus
			48661000	c19_complications_gi_fu___48661000	Peritonitis
			53619000	c19_complications_gi_fu___53619000	Other
			NONE	c19_complications_gi_fu___none	No additio gastrointe events
			UNK	c19_complications_gi_fu___unk	Unknown
			Field Annotation: Terminology: SNOMED		

308	c19_comp_gi_specify_fu Show the field ONLY if: [c19_complications_gi_fu(536190 00)] = '1'	Please specify other GI events. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
309	c19_complications_other_fu	Other events during the follow-up period. Check all that apply. If there were no additional other events, please check "No additional events".	checkbox, Required		
			14669001	c19_complications_other_fu___14669001	Acute kidney injury
			91175000	c19_complications_other_fu___91175000	Seizur
			372070002	c19_complications_other_fu___372070002	Gangr
			414086009	c19_complications_other_fu___414086009	Throm NOS
			362965005	c19_complications_other_fu___362965005	Other
			NONE	c19_complications_other_fu___none	No additi event:
			UNK	c19_complications_other_fu___unk	Unkno
			Field Annotation: Terminology: SNOMED @HIDECHOICE = '414086009'		
310	c19_complications_oth_specify_fu Show the field ONLY if: [c19_complications_other_fu(362 965005)] = '1'	Please specify other events. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
311	c19_addl_treatment	Section Header: *COVID-19 Additional Treatment* Did the patient receive any additional treatments for COVID-19 or its sequelae?	radio 0 No 1 Yes 99 Unknown		
312	additional_tx_fu Show the field ONLY if: [c19_addl_treatment] = '1'	Additional treatment comments, e.g. specific doses. Please provide further information here. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		

313	covid_19_treatment_fu	Additional COVID-19 treatment. Check all that apply.	checkbox		
	Show the field ONLY if: [c19_addl_treatment] = '1'		RXCUI-2393	covid_19_treatment_fu___rxcui_2393	Chl
			RXCUI-5521	covid_19_treatment_fu___rxcui_5521	Hyd (Pla
			HO-44995	covid_19_treatment_fu___ho_44995	Ant
			ATC-J05AE08	covid_19_treatment_fu___atc_j05ae08	Ata
			ATC-J05AR10	covid_19_treatment_fu___atc_j05ar10	Lop
			RXCUI-260101	covid_19_treatment_fu___rxcui_260101	Ose (Tar
			OMOP4873974	covid_19_treatment_fu___omop4873974	Rer
			RXCUI-18631	covid_19_treatment_fu___rxcui_18631	Azit (Zit
			HO-45523	covid_19_treatment_fu___ho_45523	Sys cor pro add
			ATC-C10AA	covid_19_treatment_fu___atc_c10aa	Stat
			RXCUI-612865	covid_19_treatment_fu___rxcui_612865	Toc
			L04AA37	covid_19_treatment_fu___l04aa37	Bar
			ATC-L04AC	covid_19_treatment_fu___atc_l04ac	Oth inh pro add
			HO-45861	covid_19_treatment_fu___ho_45861	JAK pro add
			ATC-L04AB	covid_19_treatment_fu___atc_l04ab	TNF (wil add
			B05AX03	covid_19_treatment_fu___b05ax03	Plas rec ind (cor plas
			B01A	covid_19_treatment_fu___b01a	Ant
			N02BA	covid_19_treatment_fu___n02ba	Asp
			B01AC	covid_19_treatment_fu___b01ac	Ant oth
			233573008	covid_19_treatment_fu___233573008	Extr me oxy
			714749008	covid_19_treatment_fu___714749008	Cor rep the
			OTH	covid_19_treatment_fu___oth	Oth
			UNK	covid_19_treatment_fu___unk	Unk
			NONE	covid_19_treatment_fu___none	Nor
			oth_plasma	covid_19_treatment_fu___oth_plasma	DEF
			Field Annotation: Terminologies: ATC/HemOnc/OMOP/RxNorm/SNOMED @HIDECHOICE='oth_plasma'		
314	steroid_type_fu	Steroid type. Check all that apply.	checkbox		
	Show the field ONLY if: [covid_19_treatment_fu(HO-45523)] = '1'		H02AB02	steroid_type_fu___h02ab02	Dexamethasone (Decadron)
			H02AB09	steroid_type_fu___h02ab09	Hydrocortisone (Cortef)
			H02AB04	steroid_type_fu___h02ab04	Methylprednisolone (Solumedrol)
			H02AB06	steroid_type_fu___h02ab06	Prednisolone
			H02AB07	steroid_type_fu___h02ab07	Prednisone
			Field Annotation: Terminology: ATC		

315	steroid_specific_fu Show the field ONLY if: [covid_19_treatment_fu(HO-4552 3)] = '1'	Steroid dosing, in prednisone dose equivalents Note: 3 mg of dexamethasone is equivalent to 20 mg of prednisone, so any dose of dexamethasone of more than 3 mg/day (21 mg/week) would be equivalant to more than 20 mg of prednisone/day.	radio 	1	20 mg/day or below [low dose]
1a	10 mg/day or below [low dose]
1b	More than 10 mg/day up to 20 mg/day
2	More than 20 mg/day but less than 1mg/kg/day
3	Equal to or greater than 1 mg/kg/day
99	Unknown	 Field Annotation: @HIDECHOICE='1'
316	steroid_more_fu Show the field ONLY if: [covid_19_treatment_fu(HO-4552 3)] = '1'	Please provide more details: prednisone dose equivalents (e.g., 1 mg/kg) and duration of steroid therapy. Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
317	c19_aspirin_dose_fu Show the field ONLY if: [covid_19_treatment_fu(N02BA)] = '1'	Aspirin dosing	radio 	262459003	Low dose (less than 200 mg/day)
261829003	Full dose
261665006	Unknown	 Field Annotation: Terminology: SNOMED
318	c19_anticoag_type_fu Show the field ONLY if: [covid_19_treatment_fu(B01A)] = '1'	Which anticoagulants were used? Check all that apply.	checkbox | B01AA	c19_anticoag_type_fu___b01aa	Vitamin K antagonists (e.g., warfarin)
B01AB	c19_anticoag_type_fu___b01ab	Low-molecular weight heparin (e.g., enoxaparin [Lovenox])
B01AB01	c19_anticoag_type_fu___b01ab01	Unfractionated heparin
B01AE	c19_anticoag_type_fu___b01ae	Direct thrombin inhibitors (e.g., argatroban, dabigatran [Pradaxa])
B01AF	c19_anticoag_type_fu___b01af	Direct factor Xa inhibitors (e.g., apixaban [Eliquis], rivaroxaban [Xarelto])
B01AX05	c19_anticoag_type_fu___b01ax05	Fondaparinux
UNK	c19_anticoag_type_fu___unk	Unknown
OTH	c19_anticoag_type_fu___oth	Other	
319	c19_anticoag_type_oth_specify_fu Show the field ONLY if: [c19_anticoag_type_fu(OTH)] = '1'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes

320	c19_anticoag_reason_fu Show the field ONLY if: [covid_19_treatment_fu(B01A)] = '1'	What was the purpose of the anticoagulant treatment? Check all that apply.	checkbox		
			1	c19_anticoag_reason_fu___1	Prophylactic use (without the presence of a VTE either as an inpatient or outpatient)
			2	c19_anticoag_reason_fu___2	Therapeutic use (for known VTE or ATE history)
			2a	c19_anticoag_reason_fu___2a	Therapeutic use (for known VTE diagnosis)
			2b	c19_anticoag_reason_fu___2b	Therapeutic use (for known ATE diagnosis)
			2c	c19_anticoag_reason_fu___2c	Therapeutic use in the absence of any thrombosis (e.g., for prevention of stroke in atrial fibrillation)
			3	c19_anticoag_reason_fu___3	For DIC during hospitalization
			UNK	c19_anticoag_reason_fu___unk	Unknown
			OTH	c19_anticoag_reason_fu___oth	Other
			Field Annotation: @HIDECHOICE='2'		
321	c19_anticoag_reason_oth_specify _fu Show the field ONLY if: [c19_anticoag_reason_fu(OTH)] = '1'	Please specify Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		
322	covid_19_tx_interleukin_fu Show the field ONLY if: [covid_19_treatment_fu(ATC-L04A C)] = '1'	Interleukin inhibitor treatment other than tocilizumab. Check all that apply.	checkbox		
			L04AC03	covid_19_tx_interleukin_fu___l04ac03	anakinra
			L04AC02	covid_19_tx_interleukin_fu___l04ac02	basiliximab
			L04AC09	covid_19_tx_interleukin_fu___l04ac09	briakinumab
			L04AC12	covid_19_tx_interleukin_fu___l04ac12	brodalumab
			L04AC08	covid_19_tx_interleukin_fu___l04ac08	canakinumab
			L04AC01	covid_19_tx_interleukin_fu___l04ac01	daclizumab
			L04AC16	covid_19_tx_interleukin_fu___l04ac16	guselkumab
			L04AC13	covid_19_tx_interleukin_fu___l04ac13	ixekizumab
			L04AC04	covid_19_tx_interleukin_fu___l04ac04	rilonacept
			L04AC18	covid_19_tx_interleukin_fu___l04ac18	risankizumab
			L04AC14	covid_19_tx_interleukin_fu___l04ac14	sarilumab
			L04AC10	covid_19_tx_interleukin_fu___l04ac10	secukinumab
			L04AC11	covid_19_tx_interleukin_fu___l04ac11	siltuximab
			L04AC15	covid_19_tx_interleukin_fu___l04ac15	sirukumab
			L04AC17	covid_19_tx_interleukin_fu___l04ac17	tildrakizumab
			L04AC07	covid_19_tx_interleukin_fu___l04ac07	DEPRECATED
			L04AC05	covid_19_tx_interleukin_fu___l04ac05	ustekinumab
			Field Annotation: Field:ATC L04AC; Values:ATC @HIDECHOICE='L04AC07'		

323	jak_fu Show the field ONLY if: [covid_19_treatment_fu(HO-45861)] = '1'	JAK inhibitor treatment. Check all that apply.	checkbox

checkbox

L01XE18	jak_fu___l01xe18	Ruxolitinib (Jakafi)
L04AA29	jak_fu___l04aa29	Tofacitinib (Xeljanz)
RXCUI-1487006	jak_fu___rxcui_1487006	Oclacitinib
L04AA37	jak_fu___l04aa37	Baricitinib
Peficitinib	jak_fu___peficitinib	Peficitinib
L01XE57	jak_fu___l01xe57	Fedratinib (Inrebic)
L04AA44	jak_fu___l04aa44	Upadacitinib

Field Annotation: Terminologies: ATC, RxNorm

324	covid_19_tx_tnf_fu Show the field ONLY if: [covid_19_treatment_fu(ATC-L04AB)] = '1'	Tumor necrosis factor alpha (TNF-α) inhibitor treatment. Check all that apply.	checkbox

checkbox

L04AB04	covid_19_tx_tnf_fu___l04ab04	Adalimumab
L04AB03	covid_19_tx_tnf_fu___l04ab03	Afelimomab
L04AB05	covid_19_tx_tnf_fu___l04ab05	Certolizumab pegol
L04AB01	covid_19_tx_tnf_fu___l04ab01	Etanercept
L04AB06	covid_19_tx_tnf_fu___l04ab06	Golimumab
L04AB02	covid_19_tx_tnf_fu___l04ab02	Infliximab
L04AB07	covid_19_tx_tnf_fu___l04ab07	Opinercept

Field Annotation: Field:ATC L04AB; Values:ATC

325	covid_19_treatment_trial_fu Show the field ONLY if: [c19_addl_treatment] = '1'	Was any of the additional COVID-19 treatment given as part of a clinical trial?	radio

radio

0	No
1	Yes
99	Unknown

326	covid_19_trial_tx_fu Show the field ONLY if: [covid_19_treatment_trial_fu] = '1'	COVID-19 clinical trial treatment. Check all that apply. If you do not know which drug(s) were given on clinical trial, please check "Unknown". If you are not able to disclose drug names due to institutional restrictions, please check "Other".	checkbox, Required		
			RXCUI-2393	covid_19_trial_tx_fu___rxcui_2393	Chloro
			RXCUI-5521	covid_19_trial_tx_fu___rxcui_5521	Hydrox (Plaqu
			HO-44995	covid_19_trial_tx_fu___ho_44995	Anti-vir
			ATC-J05AE08	covid_19_trial_tx_fu___atc_j05ae08	Atazan
			ATC-J05AR10	covid_19_trial_tx_fu___atc_j05ar10	Lopina
			RXCUI-260101	covid_19_trial_tx_fu___rxcui_260101	Oseltar (Tamifl
			OMOP4873974	covid_19_trial_tx_fu___omop4873974	Remde
			RXCUI-18631	covid_19_trial_tx_fu___rxcui_18631	Azithro (Zithro
			HO-45523	covid_19_trial_tx_fu___ho_45523	System cortico
			ATC-C10AA	covid_19_trial_tx_fu___atc_c10aa	Statins
			L04AC03	covid_19_trial_tx_fu___l04ac03	anakin
			L04AA37	covid_19_trial_tx_fu___l04aa37	Bariciti
			L04AC02	covid_19_trial_tx_fu___l04ac02	basilixi
			L04AC09	covid_19_trial_tx_fu___l04ac09	briakin
			L04AC12	covid_19_trial_tx_fu___l04ac12	brodal
			L04AC08	covid_19_trial_tx_fu___l04ac08	canakin
			L04AC01	covid_19_trial_tx_fu___l04ac01	daclizu
			L04AC16	covid_19_trial_tx_fu___l04ac16	guselku
			L04AC13	covid_19_trial_tx_fu___l04ac13	ixekizu
			L04AC04	covid_19_trial_tx_fu___l04ac04	rilonac
			L04AC18	covid_19_trial_tx_fu___l04ac18	risanki
			L04AC14	covid_19_trial_tx_fu___l04ac14	sarilun
			L04AC10	covid_19_trial_tx_fu___l04ac10	secukir
			L04AC11	covid_19_trial_tx_fu___l04ac11	siltuxir
			L04AC15	covid_19_trial_tx_fu___l04ac15	sirukur
			L04AC17	covid_19_trial_tx_fu___l04ac17	tildraki
			L04AC07	covid_19_trial_tx_fu___l04ac07	tocilizu
			L04AC05	covid_19_trial_tx_fu___l04ac05	ustekir
			L04AB04	covid_19_trial_tx_fu___l04ab04	adalim
			L04AB03	covid_19_trial_tx_fu___l04ab03	afelimo
			L04AB05	covid_19_trial_tx_fu___l04ab05	certoliz
			L04AB01	covid_19_trial_tx_fu___l04ab01	etaner
			L04AB06	covid_19_trial_tx_fu___l04ab06	golimu
			L04AB02	covid_19_trial_tx_fu___l04ab02	inflixim
			L04AB07	covid_19_trial_tx_fu___l04ab07	opiner
			OTH-plasma	covid_19_trial_tx_fu___oth_plasma	Plasma recove individ (conva plasma
			B05AX03	covid_19_trial_tx_fu___b05ax03	Plasma recove individ (conva plasma
			OTH	covid_19_trial_tx_fu___oth	Other
			UNK	covid_19_trial_tx_fu___unk	Unkno
			Field Annotation: Terminologies: ATC/HemOnc/OMOP/RxNorm @HIDECHOICE = 'OTH-plasma'		
327	covid_19_trial_more_fu Show the field ONLY if: [covid_19_trial_tx_fu(OTH)] = '1'	Please specify. (Note: some institutions have restrictions on sharing of this information, please check with your institutional official if you have any questions.) Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes		

328	fu_info	Thank you for completing this form. If you have additional updates in the future, please use the link from the Survey Queue to return to the survey and add a new instance of the form.	descriptive
329	comments_form_5	Comments Do not record any PHI in this field. As a reminder, this includes all elements of dates other than year.	notes
330	followup_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

Instrument: **Manual Exclude** (manual_exclude)   ⌃ Collapse

331	manual_exclude	Field to manually exclude records identified as needing exclusion (e.g., false positive PCR)	truefalse 1 True 0 False Field Annotation: @DEFAULT='0'
332	manual_exclude_more	Why was patient manually excluded?	notes
333	manual_exclude_complete	Section Header: *Form Status* Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete