

Data Set Name: redcoral.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Char	7	Subject ID
2	redcap_repeat_instrument	Char	500	Repeat Instrument
3	d_c_redcap_repeat_instance	Num	8	C_redcap_repeat_instance
4	coral	Num	8	Enrolled in RED CORAL
5	coralreef	Num	8	Enrolled in RED CORAL Detailed
6	cx_covid_yn	Num	8	COVID-19 test done
7	cx_covid_test_count	Num	8	Total known number of COVID-19 tests completed
8	cx_covid_pos_ever_yn	Num	8	Any positive COVID-19 test?
9	cx_covid_pos_first_dt	Num	8	Specimen collection day for first positive COVID-19 test
10	cx_covid_pos_first_tm	Num	8	Specimen collection time for first positive COVID-19 test
11	cx_covid1_pos_yn	Num	8	Was the patient's positive COVID-19 test also their first test?
12	cx_covid1_result	Num	8	Results of subject's first COVID-19 test
13	cx_covid1_spec_dt	Num	8	Specimen collection day for first COVID-19 test
14	cx_covid1_spec_tm	Num	8	Specimen collection time for first COVID-19 test
15	admit_yn	Num	8	Was COVID-19 associated with an admission to a study hospital?
16	admit_cause	Num	8	Did COVID-19 contribute to need for hospital admission?
17	admit_cause_other	Char	500	Reason for admission if other than COVID-19 symptoms, disease, or associated complications
18	admit_admit_dt	Num	8	Day of first admission to study hospital
19	admit_admit_tm	Num	8	Time of first admission to study hospital
20	admit_ed_yn	Num	8	Did this admission occur via the study hospital's ED?
21	admit_ed_arrival_dt	Num	8	Study hospital ED arrival day for ED visit leading to first hospital admission
22	admit_ed_arrival_tm	Num	8	Study hospital ED arrival time for ED visit leading to first hospital admission
23	elig_fever	Num	8	History of self reported feverishness or measured fever of <u>38_C</u> (<u>100.4_F</u>)
24	elig_cough	Num	8	Cough
25	elig_dyspnea	Num	8	Dyspnea (shortness of breath) OR tachypnea*
26	elig_ari	Num	8	Clinical suspicion of acute respiratory infection (ARI) despite not meeting criteria above (e.g. hypoxemia, diagnosis of pneumonia, bilateral pulmonary opacities)
27	elig_eval_coral	Num	8	Is patient being evaluated for retrospective (RED CORAL) or prospective (BLUE CORAL) cohort?
28	elig_prisoner	Num	8	Known to be a prisoner or otherwise in legal custody at time of admission to the hospital
29	elig_priorenroll	Num	8	Previous admission for COVID-19
30	elig_icu	Num	8	Was patient admitted to ICU during hospitalization?
31	elig_cmo	Num	8	On day of screening for prospective CORAL enrollment cohort, was patient on comfort care or expected to transition to comfort care?
32	enroll_coral	Num	8	Enrolled in CORAL?
33	enroll_coralreef	Num	8	Enrolled in RED CORAL detailed data collection?

Num	Variable	Type	Len	Label
34	enroll_coral_date	Num	8	CORAL enrollment day
35	enroll_isaric_date	Num	8	ISARIC enrollment day
36	sex	Num	8	Sex
37	race	Num	8	Race
38	ethnicity	Num	8	Hispanic ethnicity
39	pregnant	Num	8	Pregnant (Y/N)
40	pregnant_weeks	Num	8	Gestational age
41	admit_source	Num	8	Patient location/living situation prior to onset of current illness episode
42	admit_source_other	Char	500	Specify other patient location/living situation prior to onset of current illness episode
43	exposure_hcw	Num	8	Is patient a healthcare worker?
44	exposure_labworker	Num	8	Is patient a medical laboratory worker?
45	smoking	Num	8	Cigarette or tobacco smoking
46	vaping	Num	8	Vaping
47	admit_admit_type	Num	8	Hospital admission type
48	admit_admit_resource-limit	Num	8	Any indication in admission documentation of external triage limitations on access to intensive care?
49	admit_transfer_yn	Num	8	Patient transferred from another facility?
50	admit_transfer_why__1	Num	8	Reason for transfer (choice=Regionalized COVID-19 care)
51	admit_transfer_why__2	Num	8	Reason for transfer (choice=Capacity issues at other hospital)
52	admit_transfer_why__3	Num	8	Reason for transfer (choice=Need for higher level of care)
53	admit_transfer_why__9	Num	8	Reason for transfer (choice=Other/unknown)
54	admit_transfer_admitdt	Num	8	Day first arrived at sending/referring facility
55	goals_advancedirect	Num	8	Advanced directives or POLST in place before hospital admission?
56	goals_limit	Num	8	Patient limitations on life-sustaining therapy on admission
57	goals_self	Num	8	Is patient able to make medical decisions on admission?
58	goals_surrougate	Num	8	Does patient have surrogate decision makers/next of kin?
59	function_prioradmit	Num	8	Hospital admission in the past 12 months
60	function_prioradmit_count	Num	8	How many hospital admissions in past year?
61	function_prioradmit_days	Num	8	How many days in acute care hospital in last 30 days
62	function_edadmit	Num	8	ED visit in the past 12 months
63	function_walk	Num	8	Patient able to walk independently (>50', use of gait aid permitted)?
64	function_adls	Num	8	Patient able to perform activities of daily living (ADLs) independently?
65	function_frailty	Num	8	Frailty scale
66	symptom_onset_known	Num	8	Is the symptom onset date known?
67	symptom_onset_date	Num	8	Onset day of first/earliest symptom
68	symptom_fever	Num	8	Fever
69	symptom_chills	Num	8	Chills/rigors/shivering
70	symptom_cough	Num	8	Cough

Num	Variable	Type	Len	Label
71	symptom_cough_prod	Num	8	Cough with sputum production
72	symptom_sorethroat	Num	8	Sore throat
73	symptom_rhinorhea	Num	8	Runny nose (rhinorrhoea)
74	symptom_wheeze	Num	8	Wheezing
75	symptom_chestpain	Num	8	Chest pain
76	symptom_myalgia	Num	8	Muscle aches (myalgia)
77	symptom_arthralgia	Num	8	Joint pain (arthralgia)
78	symptom_fatigue	Num	8	Fatigue/malaise
79	symptom_dyspnea	Num	8	Shortness of breath (dyspnea) at rest, with exertion or lying flat (orthopnea)
80	symptom_edema	Num	8	Swelling (edema)
81	symptoms_nonamb	Num	8	Unable to walk
82	symptom_headache	Num	8	Headache
83	symptom_confusion	Num	8	Altered consciousness or confusion
84	symptom_seizure	Num	8	Seizures
85	symptom_syncope	Num	8	Fainting (syncope)
86	symptom_anosmia	Num	8	Loss or impairment of sense of smell (anosmia)
87	symptom_ageusia	Num	8	Loss or impairment of sense of taste (ageusia)
88	symptom_abdpain	Num	8	Abdominal pain
89	symptom_nausea	Num	8	Nausea/vomiting
90	symptom_diarrhea	Num	8	Diarrhea
91	symptom_conjunctivitis	Num	8	Conjunctivitis
92	symptom_bleeding	Num	8	Bleeding/hemorrhage
93	symptom_bleeding_site	Char	500	Bleeding site
94	symptom_other	Num	8	Other sign or symptom
95	symptom_cough_hemop	Num	8	Cough with hemoptysis (coughing up blood)
96	symptom_retractions	Num	8	Lower chest wall indrawing/retractions
97	symptom_rash	Num	8	Rash
98	symptom_skinulcer	Num	8	Skin ulcers
99	symptom_lad	Num	8	Lymphadenopathy (swollen glands/lymph nodes)
100	comorb_charlson_mi	Num	8	Charlson--Myocardial infarction
101	comorb_charlson_chf	Num	8	Charlson--Congestive heart failure
102	comorb_arrhth_atrial	Num	8	Atrial arrhythmia
103	comorb_arrhth_other	Num	8	Other (non-atrial) arrhythmia
104	comorb_htn	Num	8	Hypertension
105	comorb_charlson_pvd	Num	8	Charlson--Peripheral vascular disease
106	comorb_charlson_eva_mild	Num	8	Charlson--Cerebrovascular disease (with mild or no residual or TIA)
107	comorb_charlson_hemiplegia	Num	8	Charlson--Hemiplegia
108	comorb_charlson_dementia	Num	8	Charlson--Dementia
109	comorb_charlson_pulm	Num	8	Charlson--Chronic pulmonary disease

Num	Variable	Type	Len	Label
110	comorb_copd	Num	8	COPD/emphysema/chronic bronchitis
111	comorb_ild	Num	8	Interstitial lung disease
112	comorb_asthma	Num	8	Asthma
113	comorb_homeo2	Num	8	Home respiratory support
114	comorb_homeo2_amount	Num	8	Highest amount of oxygen used at baseline base
115	comorb_charlson_pud	Num	8	Charlson--Peptic ulcer disease
116	comorb_charlson_liver_mild	Num	8	Charlson--Mild liver disease
117	comorb_charlson_liver_sev	Num	8	Charlson--Moderate or severe liver disease
118	comorb_charlson_dm_mild	Num	8	Charlson--Diabetes without end-organ damage
119	comorb_charlson_dm_severe	Num	8	Charlson--Diabetes with end-organ damage
120	comorb_charlson_ctd	Num	8	Charlson--Connective tissue disease
121	comorb_charlson_renal_sev	Num	8	Charlson--Moderate or severe renal disease
122	comorb_dialysis	Num	8	Chronic dialysis
123	comorb_charlson_tumor_no	Num	8	Charlson--Tumor without metastases
124	comorb_charlson_tumor_mets	Num	8	Charlson--Metastatic solid tumor
125	comorb_charlson_leukemia	Num	8	Charlson--Leukemia
126	comorb_charlson_lymphoma	Num	8	Charlson--Lymphoma
127	comorb_charlson_aids	Num	8	Charlson--AIDS
128	comorb_hiv	Num	8	HIV
129	comorb_tb	Num	8	Tuberculosis
130	comorb_elix_etoh	Num	8	Alcohol abuse
131	comorb_elix_drugs	Num	8	Drug abuse
132	comorb_elix_depression	Num	8	Depression
133	comorb_ptsd	Num	8	PTSD
134	comorb_anxiety	Num	8	Anxiety
135	comorb_isaric_cardiac	Num	8	Chronic cardiac disease (ISARIC summary comorbidity)
136	comorb_isaric_pulm	Num	8	Chronic pulmonary disease (ISARIC summary comorbidity)
137	comorb_isaric_neuro	Num	8	Chronic neurologic disorder (ISARIC summary comorbidity)
138	comorb_isaric_liver	Num	8	Chronic liver disease (ISARIC summary comorbidity)
139	comorb_isaric_dm	Num	8	Diabetes (ISARIC summary comorbidity)
140	comorb_isaric_ckd	Num	8	Chronic kidney disease (ISARIC summary comorbidity)
141	comorb_isaric_neoplasm	Num	8	Malignant neoplasm (ISARIC summary comorbidity)
142	comorb_isaric_malnut	Num	8	Malnutrition (BMI < 18.5)
143	comorb_obesity	Num	8	Obesity (BMI_30)
144	comorb_obesity_c3	Num	8	Morbid/class III obesity (BMI_40)
145	comorb_isaric_asplenia	Num	8	Asplenia (functional or surgical lack of spleen)
146	comorb_other	Num	8	Other relevant risk factor/comorbidity
147	meds_home_exp	Num	8	Is patient known to have received medication(s) as part of a COVID-19 research trial prior to study hospital arrival?

Num	Variable	Type	Len	Label
148	meds_home_exp_blind	Num	8	Was patient's treatment assignment blinded?
149	meds_home_exp_specb	Char	500	For blinded studies, list the treatment assignment possibilities/options.
150	meds_home_exp_specu	Char	500	For unblinded/open-label studies, list the treatment assignment patient received.
151	meds_home_acei	Num	8	ACE inhibitors
152	meds_home_arbs	Num	8	Angiotensin receptor blockers (ARBs)
153	home_meds_htn_other	Num	8	Other anti-hypertensive
154	meds_home_nsaid	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
155	meds_home_asa	Num	8	Aspirin
156	meds_home_statin	Num	8	Statin
157	meds_home_steroidpo	Num	8	Chronic systemic/oral steroids
158	meds_home_steroidinh	Num	8	Chronic inhaled steroids
159	meds_home_immsupp	Num	8	Immunosuppressive medication
160	meds_home_haart	Num	8	Antiretroviral therapy (ART/HAART) for HIV/AIDS
161	meds_home_chloroquine	Num	8	Chloroquine
162	meds_home_hcq	Num	8	Hydroxychloroquine (plaquenil)
163	meds_home_hcq_chronic	Num	8	Reason for hydroxychloroquine or chloroquine?
164	meds_home_azithro	Num	8	Azithromycin
165	meds_home_azithro_chronic	Num	8	Reason for azithromycin?
166	vs_hosp_first_temp	Num	8	Temperature (_C)
167	vs_hosp_first_hr	Num	8	Heart rate
168	vs_hosp_first_rr	Num	8	Respiratory rate
169	vs_hosp_first_sbp	Num	8	Systolic blood pressure
170	vs_hosp_first_dbp	Num	8	Diastolic blood pressure
171	vs_hosp_first_map	Num	8	First mean arterial pressure
172	vs_hosp_first_o2sat	Num	8	Oxygen saturation (%)
173	vs_hosp_first_fio2	Num	8	FiO2 at time of oxygen sat
174	vs_hosp_first_o2supp	Num	8	Oxygen support at time of first O2 sat
175	vs_hosp_first_gcs_avail	Num	8	Was GCS explicitly documented?
176	vs_hosp_first_gcs	Num	8	GCS
177	vs_hosp_first_weight	Num	8	First weight (kg)
178	vs_hosp_first_height	Num	8	First height (cm)
179	vs_hosp_first_bmi	Num	8	First BMI (auto-calculated)
180	vs_hosp_first_rass	Num	8	First RASS
181	vs_hosp_first_cam	Num	8	First CAM
182	vs_hosp24_temp_low	Num	8	Lowest temperature (_C)
183	vs_hosp24_temp_high	Num	8	Highest temperature (_C)
184	vs_hosp24_hr_low	Num	8	Lowest HR
185	vs_hosp24_hr_high	Num	8	Highest HR

Num	Variable	Type	Len	Label
186	vs_hosp24_rr_low	Num	8	Lowest RR
187	vs_hosp24_rr_high	Num	8	Highest RR
188	vs_hosp24_sbp_low	Num	8	Lowest SBP
189	vs_hosp24_sbp_high	Num	8	Highest SBP
190	vs_hosp24_map_low	Num	8	Lowest MAP
191	vs_hosp24_map_high	Num	8	Highest MAP
192	vs_hosp24_o2sat_low	Num	8	Lowest O2 sat (%)
193	vs_hosp24_fio2_high	Num	8	FiO2 at time of lowest O2 sat
194	vs_hosp24_gcs_low	Num	8	Lowest GCS
195	vs_hosp_first_capref	Num	8	Sternal capillary refill time >2 seconds
196	vs_hosp_first_dehyd	Num	8	Dehydrated
197	vs_hosp_first_avpu	Num	8	AVPU available
198	vs_hosp_first_armeirc	Num	8	Mid-upper arm circumference (cm)
199	temp_vsyn	Num	8	Temperate on admission available?
200	hr_vsyn	Num	8	Heart rate on admission available?
201	rr_vsyn	Num	8	Respiratory rate on admission available?
202	sysbp_vsyn	Num	8	Systolic blood pressure on admission available?
203	diabp_vsyn	Num	8	Diastolic blood pressure on admission available?
204	oxy_vsyn	Num	8	Oxygen saturation on admission available?
205	gcs_vsyn	Num	8	Glasgow Coma Score on admission available?
206	height_vsyn	Num	8	Height on admission available?
207	weight_vsyn	Num	8	Weight on admission available?
208	lab_hosp_first_wbc	Num	8	White blood count
209	lab_hosp_first_lymph	Num	8	Lymphocyte count
210	lab_hosp_first_pmnl	Num	8	Neutrophil count (ANC)
211	lab_hosp_first_platelet	Num	8	Platelets
212	lab_hosp_first_hct	Num	8	Hematocrit
213	lab_hosp_first_hgb	Num	8	Hemoglobin
214	lab_hosp_first_lactate	Num	8	Lactate
215	lab_hosp_first_ptt	Num	8	PTT
216	lab_hosp_first_pt	Num	8	PT
217	lab_hosp_first_inr	Num	8	INR
218	lab_hosp_first_ast	Num	8	AST
219	lab_hosp_first_alt	Num	8	ALT
220	lab_hosp_first_bili	Num	8	Total bilirubin
221	lab_hosp_first_alb	Num	8	Albumin
222	lab_hosp_first_na	Num	8	Sodium
223	lab_hosp_first_k	Num	8	Potassium
224	lab_hosp_first_hco3	Num	8	Serum bicarbonate (HCO3)

Num	Variable	Type	Len	Label
225	lab_hosp_first_bun	Num	8	BUN
226	lab_hosp_first_cr	Num	8	Creatinine
227	lab_hosp_first_gluc	Num	8	Glucose
228	lab_hosp_first_pct	Num	8	Procalcitonin
229	lab_hosp_first_crp	Num	8	CRP
230	lab_hosp_first_ldh	Num	8	LDH
231	lab_hosp_first_ck	Num	8	CK
232	lab_hosp_first_trop	Num	8	Troponin I
233	lab_hosp_first_bnp	Num	8	BNP
234	lab_hosp_first_esr	Num	8	ESR
235	lab_hosp_first_ddimer	Num	8	D-dimer
236	lab_hosp_first_ferritin	Num	8	Ferritin
237	lab_hosp_first_il6	Num	8	IL-6
238	lab_hosp_first_pao2	Num	8	First PaO2
239	lab_hosp_first_fio2	Num	8	FiO2 at time of first PaO2
240	lab_hosp_first_ph	Num	8	pH at time of first PaO2
241	lab_hosp_first_paco2	Num	8	PaCO2 at time of first PaO2
242	lab_hosp_24h_wbc_low	Num	8	Lowest WBC
243	lab_hosp_24h_wbc_high	Num	8	Highest WBC
244	lab_hosp_24h_hct_low	Num	8	Lowest Hct
245	lab_hosp_24h_hct_high	Num	8	Highest Hct
246	lab_hosp_24h_na_low	Num	8	Lowest sodium
247	lab_hosp_24h_na_high	Num	8	Highest sodium
248	lab_hosp_24h_k_low	Num	8	Lowest potassium
249	lab_hosp_24h_k_high	Num	8	Highest potassium
250	lab_hosp_24h_pao2_lowest	Num	8	Lowest PaO2 within 24h of hospital arrival
251	lab_hosp_24h_fio2_low	Num	8	FiO2 at time of lowest PaO2.
252	lab_hosp_24h_ph_low	Num	8	pH from ABG with lowest PaO2
253	lab_hosp_24h_vent_low	Num	8	On ventilator at time of lowest PaO2?
254	hb_lbyn	Num	8	Haemoglobin on admission available?
255	hb_lborresu	Num	8	Haemoglobin Unit
256	hb_lborresu_oth	Char	500	Haemoglobin Unit - Specify Other
257	wbc_lbyn	Num	8	WBC count on admission available?
258	wbc_lborresu	Num	8	WBC count Unit
259	haematocrit_lbyn	Num	8	Haematocrit on admission available?
260	plt_lbyn	Num	8	Platelets on admission available?
261	plt_lborresu	Num	8	Platelets Unit
262	aptt_lbyn	Num	8	APTT/APTR on admission available?
263	pt_lbyn	Num	8	PT on admission available?

Num	Variable	Type	Len	Label
264	inr_lbyn	Num	8	INR on admission available?
265	alt_lbyn	Num	8	ALT/SGPT on admission available?
266	alt_lborresu	Num	8	ALT/SGPT Unit
267	bil_lbyn	Num	8	Total Bilirubin on admission available?
268	bil_lborresu	Num	8	Total Bilirubin Unit
269	bil_lborresu_oth	Char	500	Total Bilirubin Unit - Specify other
270	ast_lbyn	Num	8	AST/SGOT on admission available?
271	ast_lborresu	Num	8	AST/SGOT Unit
272	ast_lborresu_oth	Char	500	AST/SGOT Unit - Specify Other
273	bun_lbyn	Num	8	Urea (BUN) on admission available?
274	bun_lborresu	Num	8	Urea (BUN) Unit
275	bun_lborresu_oth	Char	500	Urea (BUN) Unit - Specify Other
276	lactate_lbyn	Num	8	Lactate on admission available?
277	lactate_lborresu	Num	8	Lactate Unit
278	creat_lbyn	Num	8	Creatinine on admission available?
279	creat_lborresu	Num	8	Creatinine Unit
280	creat_lborresu_oth	Char	500	Creatinine Unit - Specify Other
281	sodium_lbyn	Num	8	Sodium on admission available?
282	sodium_lborresu	Num	8	Sodium Unit
283	potassium_lbyn	Num	8	Potassium on admission available?
284	potassium_lborresu	Num	8	Potassium Unit
285	procal_lbyn	Num	8	Procalcitonin on admission available?
286	procal_lborresu	Num	8	Procalcitonin Unit
287	crp_lbyn	Num	8	CRP on admission available?
288	crp_lborresu	Num	8	CRP Unit
289	ldh_lbyn	Num	8	LDH on admission available?
290	ldh_lborresu	Num	8	LDH Unit
291	crekin_lbyn	Num	8	Creatine kinase on admission available?
292	crekin_lborresu	Num	8	Creatine kinase Unit
293	troponin_lbyn	Num	8	Troponin on admission available?
294	troponin_lborresu	Num	8	Troponin Unit
295	esr_lbyn	Num	8	ESR on admission available?
296	esr_lborresu	Num	8	ESR Unit
297	ddimer_lbyn	Num	8	D-dimer on admission available?
298	ddimer_lborresu	Num	8	D-dimer Unit
299	ferritin_lbyn	Num	8	Ferritin on admission available?
300	ferritin_lborresu	Num	8	Ferritin Unit
301	il6_lbyn	Num	8	IL-6 on admission available?
302	il6_lborresu	Num	8	IL-6 Unit

Num	Variable	Type	Len	Label
303	tx_hosp_24h_icu	Num	8	ICU or ICU step-down/intermediate care unit admission
304	tx_hosp_24h_o2therapy	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
305	tx_hosp_24h_o2flow	Num	8	Maximum O2 flow via NC, face mask, or HFNC
306	tx_hosp_24h_o2mode	Num	8	Most intense method used to give support
307	tx_hosp_24h_nippv	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
308	tx_hosp_24h_vent	Num	8	Invasive ventilation
309	tx_hosp_24h_pressor	Num	8	Inotropes/vasopressors
310	tx_hosp_24h_pressor_dose	Num	8	Dose of vasopressors/inotropes
311	tx_hosp_24h_ecmo	Num	8	ECMO
312	tx_hosp_24h_prone	Num	8	Prone positioning
313	tx_hosp_24h_ino	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
314	tx_hosp_24h_nmb	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
315	tx_hosp_24h_rrt	Num	8	Renal replacement therapy / dialysis
316	tx_hosp_24h_o2source	Num	8	Source of oxygen
317	meds_hosp_24h_exp	Num	8	Was a medication given as part of a research trial?
318	meds_hosp_24h_exp_blind	Num	8	Was patient's treatment assignment blinded?
319	meds_hosp_24h_exp_specb	Char	500	For blinded studies, list the treatment assignment possibilities/options.
320	meds_hosp_24h_exp_specu	Char	500	For unblinded/open-label studies, list the treatment assignment patient received.
321	meds_hosp_24h_hcq	Num	8	Hydroxychloroquine (plaquenil)
322	meds_hosp_24h_remdesivir	Num	8	Remdesivir
323	meds_hosp_24h_toci	Num	8	Tocilizumab (Actemra)
324	meds_hosp_24h_other__0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
325	meds_hosp_24h_other__1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
326	meds_hosp_24h_other__2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))
327	meds_hosp_24h_other__3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
328	meds_hosp_24h_other__4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)
329	meds_hosp_24h_other__5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)
330	meds_hosp_24h_other__6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
331	meds_hosp_24h_other__7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
332	meds_hosp_24h_other__8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
333	meds_hosp_24h_other__9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulimab (Kevzara))

Num	Variable	Type	Len	Label
334	meds_hosp_24h_other__10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
335	meds_hosp_24h_other__11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
336	meds_hosp_24h_other__12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)
337	meds_hosp_24h_other__99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
338	meds_hosp_24h_other_oth	Char	500	List other medication(s) given to treat acute illness
339	meds_hosp_24h_antiviral_yn	Num	8	Antiviral (excluding meds given as part of placebo-controlled RCT)
340	meds_hosp_24h_azithro	Num	8	Azithromycin
341	meds_hosp_24h_otherabx	Num	8	Antibiotics other than azithromycin
342	meds_hosp_24h_sedatives__0	Num	8	Sedatives used for patient while on ventilator (choice=None)
343	meds_hosp_24h_sedatives__1	Num	8	Sedatives used for patient while on ventilator (choice=Propofol)
344	meds_hosp_24h_sedatives__2	Num	8	Sedatives used for patient while on ventilator (choice=Dexmedetomidine (Precedex))
345	meds_hosp_24h_sedatives__3	Num	8	Sedatives used for patient while on ventilator (choice=Benzodiazepine (continuous infusion))
346	meds_hosp_24h_sedatives__4	Num	8	Sedatives used for patient while on ventilator (choice=Benzodiazepine (intermittent bolus))
347	meds_hosp_24h_sedatives__5	Num	8	Sedatives used for patient while on ventilator (choice=Ketamine)
348	meds_hosp_24h_sedatives__9	Num	8	Sedatives used for patient while on ventilator (choice=Other)
349	meds_hosp_24h_vteppx	Num	8	Prophylactic anticoagulation
350	meds_hosp_24h_anticoag	Num	8	Therapeutic anticoagulation
351	meds_hosp_24h_lytic	Num	8	Fibrinolytic (lytic) therapy
352	meds_hosp_24h_nsaid	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
353	meds_hosp_24h_acei	Num	8	ACE inhibitors
354	meds_hosp_24h_arb	Num	8	Angiotensin receptor blockers (ARBs)
355	meds_hosp_24h_cs_yn	Num	8	Any steroids (oral, IV, or inhaled)
356	meds_hosp_24h_cs_iv	Num	8	IV steroids
357	meds_hosp_24h_cs_po	Num	8	Oral/enteric steroids
358	meds_hosp_24h_cs_inh	Num	8	Inhaled steroids
359	meds_hosp_24h_cs_pred	Num	8	Total prednisone administered (in mg) during 24h period
360	meds_hosp_24h_cs_mp	Num	8	Total methylprednisolone (Solumedrol, Medrol) administered (in mg) during 24h period
361	meds_hosp_24h_cs_hct	Num	8	Total hydrocortisone administered (in mg) during 24h period
362	meds_hosp_24h_cs_dex	Num	8	Total dexamethasone (Decadron) administered (in mg) during 24h period
363	meds_hosp_24h_cs_plone	Num	8	Total prednisolone administered (in mg) during 24h period
364	meds_hosp_24h_fluids_iv	Num	8	Received >2L IV fluids within first 24 hours of hospital arrival?
365	meds_hosp_24h_fungal	Num	8	Anti-fungal
366	meds_hosp_24h_malaria	Num	8	Anti-malarial

Num	Variable	Type	Len	Label
367	meds_hosp_24h_fluids_oral	Num	8	Oral/orogastric fluids
368	date_dly	Num	8	Day of assessment
369	tx_hosp_inpt_dly	Num	8	Was patient in the hospital at any point on this study day?
370	tx_hosp_death_dly	Num	8	Is patient known to have died on or before this date?
371	tx_hosp_icu_dly	Num	8	Did patient spend any time in an ICU or ICU step-down/intermediate care unit during this calendar day?
372	vs_hosp_temp_dly	Num	8	Temperature (_C)
373	vs_hosp_hr_dly	Num	8	Heart rate
374	vs_hosp_rr_dly	Num	8	Respiratory rate
375	vs_hosp_sbp_dly	Num	8	Systolic blood pressure
376	vs_hosp_dbp_dly	Num	8	Diastolic blood pressure
377	vs_hosp_map_dly	Num	8	Mean arterial pressure
378	vs_hosp_o2sat_dly	Num	8	Oxygen saturation
379	vs_hosp_fio2_dly	Num	8	FiO2 at time of oxygen sat.
380	vs_hosp_gcs_avail_dly	Num	8	Was GCS explicitly documented?
381	vs_hosp_gcs_dly	Num	8	GCS
382	vs_hosp_rass_dly	Num	8	RASS
383	vs_hosp_cam_dly	Num	8	CAM status
384	vs_hosp_uop_dly	Num	8	Urine output (mL)
385	vs_hosp_netoutput_dly	Num	8	24-hour total output (mL)
386	vs_hosp_netintake_dly	Num	8	24-hour total intake (mL)
387	lab_hosp_wbc_dly	Num	8	WBC
388	lab_hosp_lymph_dly	Num	8	Lymphocyte count
389	lab_hosp_platelet_dly	Num	8	Platelets
390	lab_hosp_hct_dly	Num	8	Hematocrit
391	lab_hosp_hgb_dly	Num	8	Hemoglobin
392	lab_hosp_lactate_dly	Num	8	Lactate
393	lab_hosp_inr_dly	Num	8	INR
394	lab_hosp_ast_dly	Num	8	AST
395	lab_hosp_alt_dly	Num	8	ALT
396	lab_hosp_bili_dly	Num	8	Total bilirubin
397	lab_hosp_alb_dly	Num	8	Albumin
398	lab_hosp_k_dly	Num	8	Potassium
399	lab_hosp_hco3_dly	Num	8	Serum bicarbonate (HCO3)
400	lab_hosp_bun_dly	Num	8	BUN
401	lab_hosp_cr_dly	Num	8	Creatinine
402	lab_hosp_pct_dly	Num	8	Procalcitonin
403	lab_hosp_crp_dly	Num	8	CRP
404	lab_hosp_ldh_dly	Num	8	LDH

Num	Variable	Type	Len	Label
405	lab_hosp_ck_dly	Num	8	CK
406	lab_hosp_trop_dly	Num	8	Troponin
407	lab_hosp_bnp_dly	Num	8	BNP
408	lab_hosp_ddimer_dly	Num	8	D-dimer
409	lab_hosp_ferritin_dly	Num	8	Ferritin
410	lab_hosp_il6_dly	Num	8	IL-6
411	lab_hosp_pao2_dly	Num	8	PaO2
412	lab_hosp_fio2_dly	Num	8	FiO2 at time of PaO2
413	lab_hosp_ph_dly	Num	8	pH at time of PaO2
414	lab_hosp_paco2_dly	Num	8	PaCO2 at time of PaO2
415	vs_hosp_gcs_l_dly	Num	8	Lowest GCS
416	vs_hosp_map_l_dly	Num	8	Lowest MAP
417	lab_hosp_cr_h_dly	Num	8	Highest creatinine
418	lab_hosp_bili_h_dly	Num	8	Highest total bilirubin
419	lab_hosp_platelet_l_dly	Num	8	Lowest platelets
420	lab_hosp_pao2_l_dly	Num	8	Lowest PaO2
421	lab_hosp_pf_l_dly	Num	8	FiO2 accompanying lowest PaO2.
422	lab_hosp_sao2_l_dly	Num	8	Lowest O2 sat (%)
423	lab_hosp_sf_l_dly	Num	8	FiO2 accompanying lowest O2 sat
424	dx_ecg_yn_dly	Num	8	Did patient have an electrocardiogram (ECG) during the calendar day?
425	dx_ecg_qtc_dly	Num	8	QTc duration (ms)
426	tx_hosp_o2therapy_dly	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
427	tx_hosp_o2flow_dly	Num	8	Maximum O2 flow via NC, face mask, or HFNC
428	tx_hosp_o2mode_dly	Num	8	Most intense method used to give support
429	tx_hosp_nippv_dly	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
430	tx_hosp_vent_dly	Num	8	Invasive ventilation
431	tx_hosp_pressor_dly	Num	8	Inotropes/vasopressors
432	tx_hosp_pressor_dose_dly	Num	8	Dose of vasopressors/inotropes
433	tx_hosp_ecmo_dly	Num	8	ECMO
434	tx_hosp_ino_dly	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
435	tx_hosp_nmb_dly	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
436	tx_hosp_prone_dly	Num	8	Prone positioning
437	tx_hosp_prone_dly_sup_dt	Num	8	First day turned prone-->supine for day
438	tx_hosp_prone_dly_sup_tm	Num	8	First time turned prone-->supine for day
439	tx_hosp_prone_dly_prn_dt	Num	8	First day turned supine-->prone for day
440	tx_hosp_prone_dly_prn_tm	Num	8	First time turned supine-->prone for day
441	tx_hosp_rrt_dly	Num	8	Renal replacement therapy / dialysis
442	tx_hosp_vent_dly_mode	Num	8	Ventilator mode

Num	Variable	Type	Len	Label
443	tx_hosp_vent_dly_vtset	Num	8	Set tidal volume (mL)
444	tx_hosp_vent_dly_pcset	Num	8	Set inspiratory pressure (cmH2O)
445	tx_hosp_vent_dly_psset	Num	8	Pressure support set (cmH2O)
446	tx_hosp_vent_dly_vtact	Num	8	Actual tidal volume (mL)
447	tx_hosp_vent_dly_peak	Num	8	Peak pressure (cmH2O)
448	tx_hosp_vent_dly_plateau	Num	8	Plateau pressure (cmH2O)
449	tx_hosp_vent_dly_rrset	Num	8	Set respiratory rate (RR)
450	tx_hosp_vent_dly_rractual	Num	8	Actual/total respiratory rate (RR)
451	tx_hosp_vent_dly_ve	Num	8	Total minute ventilation
452	tx_hosp_vent_dly_peep	Num	8	Positive end-expiratory pressure (PEEP, cmH2O)
453	tx_hosp_vent_dly_fio2	Num	8	FiO2
454	tx_hosp_vent_dly_o2sat	Num	8	O2 sat (%)
455	tx_hosp_vent_dly_ieset	Num	8	Set I:E ratio
456	tx_hosp_vent_dly_ieact	Num	8	Actual I:E ratio
457	meds_hosp_hcq_dly	Num	8	Hydroxychloroquine (plaquenil)
458	meds_hosp_remdesivir_dly	Num	8	Remdesivir
459	meds_hosp_toci_dly	Num	8	Tocilizumab (Actemra)
460	meds_hosp_other_dly__0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
461	meds_hosp_other_dly__1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
462	meds_hosp_other_dly__2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))
463	meds_hosp_other_dly__3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
464	meds_hosp_other_dly__4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)
465	meds_hosp_other_dly__5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)
466	meds_hosp_other_dly__6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
467	meds_hosp_other_dly__7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
468	meds_hosp_other_dly__8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
469	meds_hosp_other_dly__9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulumab (Kevzara))
470	meds_hosp_other_dly__10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
471	meds_hosp_other_dly__11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
472	meds_hosp_other_dly__12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)

Num	Variable	Type	Len	Label
473	meds_hosp_other_dly__99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
474	meds_hosp_other_oth_dly	Char	500	List other medication(s) given to treat acute illness
475	meds_hosp_antiviral_yn_dly	Num	8	Antiviral (excluding meds given as part of placebo-controlled RCT)
476	meds_hosp_azithro_dly	Num	8	Azithromycin
477	meds_hosp_abx_dly	Num	8	Antibiotics other than azithromycin
478	meds_hosp_sedatives_dly__0	Num	8	Sedatives used for patient while on ventilator (choice=None)
479	meds_hosp_sedatives_dly__1	Num	8	Sedatives used for patient while on ventilator (choice=Propofol)
480	meds_hosp_sedatives_dly__2	Num	8	Sedatives used for patient while on ventilator (choice=Dexmedetomidine (Precedex))
481	meds_hosp_sedatives_dly__3	Num	8	Sedatives used for patient while on ventilator (choice=Benzodiazepine (continuous infusion))
482	meds_hosp_sedatives_dly__4	Num	8	Sedatives used for patient while on ventilator (choice=Benzodiazepine (intermittent bolus))
483	meds_hosp_sedatives_dly__5	Num	8	Sedatives used for patient while on ventilator (choice=Ketamine)
484	meds_hosp_sedatives_dly__9	Num	8	Sedatives used for patient while on ventilator (choice=Other)
485	meds_hosp_vteppx_dly	Num	8	Prophylactic anticoagulation
486	meds_hosp_anticoag_dly	Num	8	Therapeutic anticoagulation
487	meds_hosp_lytic_dly	Num	8	Fibrinolytic (lytic) therapy
488	meds_hosp_nsaid_dly	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
489	meds_hosp_acei_dly	Num	8	ACE inhibitors
490	meds_hosp_arb_dly	Num	8	Angiotensin receptor blockers (ARBs)
491	meds_hosp_diuretic_dly	Num	8	Diuretics
492	meds_hosp_cs_yn_dly	Num	8	Any steroids (oral, IV, or inhaled)
493	meds_hosp_cs_iv_dly	Num	8	IV steroids
494	meds_hosp_cs_po_dly	Num	8	Oral/enteric steroids
495	meds_hosp_cs_inh_dly	Num	8	Inhaled steroids
496	meds_hosp_cs_pred_dly	Num	8	Total prednisone administered (in mg) during 24h period
497	meds_hosp_cs_mp_dly	Num	8	Total methylprednisolone (Solumedrol, Medrol) administered (in mg) during 24h period
498	meds_hosp_cs_hct_dly	Num	8	Total hydrocortisone administered (in mg) during 24h period
499	meds_hosp_cs_dex_dly	Num	8	Total dexamethasone (Decadron) administered (in mg) during 24h period
500	meds_hosp_cs_plone_dly	Num	8	Total prednisolone administered (in mg) during 24h period
501	tx_hosp_ordinal_dly	Num	8	WHO ordinal outcome scale (8-point version)
502	daily_temp_vsyn	Num	8	Temperate available?
503	daily_hr_vsyn	Num	8	Heart rate available?
504	daily_rr_vsyn	Num	8	Respiratory rate available?
505	systolic_vsyn	Num	8	Systolic blood pressure available?
506	diastolic_vsyn	Num	8	Diastolic blood pressure available?
507	daily_dehydration_vsorres	Num	8	Severe dehydration?

Num	Variable	Type	Len	Label
508	daily_stercap_vsorres	Num	8	Sternal capillary refill time >2 seconds?
509	daily_gcs_vsyn	Num	8	Glasgow Coma Score available?
510	daily_oxy_vsyn	Num	8	Oxygen saturation available?
511	daily_avpu_vsyn	Num	8	AVPU available?
512	daily_cough_ceoccur_v2	Num	8	Cough
513	daily_coughsput_ceoccur_v2	Num	8	Cough: with sputum production
514	daily_sorethroat_ceoccur	Num	8	Sore throat
515	daily_chestpain_ceoccur_v2	Num	8	Chest pain
516	daily_shortbreath_ceoccur	Num	8	Shortness of breath
517	daily_confusion_ceoccur_v2	Num	8	Confusion
518	daily_seizures_ceoccur_v2	Num	8	Seizures
519	daily_vomit_ceoccur_v2	Num	8	Vomiting / Nausea
520	daily_diarrhoea_ceoccur_v2	Num	8	Diarrhoea
521	daily_conjunct_ceoccur_v2	Num	8	Conjunctivitis
522	daily_myalgia_ceoccur_v2	Num	8	Myalgia
523	daily_other_ceoccur_v2	Num	8	Other sign or symptom
524	daily_hb_lbyn	Num	8	Haemoglobin available?
525	daily_hb_lborresu	Num	8	Haemoglobin Unit
526	daily_hb_lborresu_oth	Char	500	Haemoglobin Unit - Specify Other
527	daily_wbc_lbyn	Num	8	WBC count available?
528	daily_wbc_lborresu	Num	8	WBC count Unit
529	daily_haematocrit_lbyn	Num	8	Haematocrit available?
530	daily_plt_lbyn	Num	8	Platelets available?
531	daily_plt_lborresu	Num	8	Platelets Unit
532	daily_aptt_lbyn	Num	8	APTT/APTR available?
533	daily_pt_lbyn	Num	8	PT available?
534	daily_inr_lbyn	Num	8	INR available?
535	daily_alt_lbyn	Num	8	ALT/SGPT available?
536	daily_alt_lborresu	Num	8	ALT/SGPT Unit
537	daily_bil_lbyn	Num	8	Total Bilirubin available?
538	daily_bil_lborresu	Num	8	Total Bilirubin Unit
539	daily_bil_lborresu_oth	Char	500	Total Bilirubin Unit - Specify other
540	daily_ast_lbyn	Num	8	AST/SGOT available?
541	daily_ast_lborresu	Num	8	AST/SGOT Unit
542	daily_ast_lborresu_oth	Char	500	AST/SGOT Unit - Specify Other
543	daily_bun_lbyn	Num	8	Urea (BUN) available?
544	daily_bun_lborresu	Num	8	Urea (BUN) Unit
545	daily_bun_lborresu_oth	Char	500	Urea (BUN) Unit - Specify Other
546	daily_lactate_lbyn	Num	8	Lactate available?

Num	Variable	Type	Len	Label
547	daily_lactate_lborresu	Num	8	Lactate Unit
548	daily_creat_lbyn	Num	8	Creatinine available?
549	daily_creat_lborresu	Num	8	Creatinine Unit
550	daily_creat_lborresu_oth	Char	500	Creatinine Unit - Specify Other
551	daily_sodium_lbyn	Num	8	Sodium available?
552	daily_potassium_lbyn	Num	8	Potassium available?
553	daily_potassium_lborresu	Num	8	Potassium Unit
554	daily_procal_lbyn	Num	8	Procalcitonin on available?
555	daily_procal_lborresu	Num	8	Procalcitonin Unit
556	daily_crp_lbyn	Num	8	CRP available?
557	daily_crp_lborresu	Num	8	CRP Unit
558	daily_ldh_lbyn	Num	8	LDH available?
559	daily_ldh_lborresu	Num	8	LDH Unit
560	daily_crekin_lbyn	Num	8	Creatine kinase available?
561	daily_crekin_lborresu	Num	8	Creatine kinase Unit
562	daily_troponin_lbyn	Num	8	Troponin available?
563	daily_troponin_lborresu	Num	8	Troponin Unit
564	daily_esr_lbyn	Num	8	ESR available?
565	daily_ddimer_lbyn	Num	8	D-dimer available?
566	daily_ddimer_lborresu	Num	8	D-dimer Unit
567	daily_ferritin_lbyn	Num	8	Ferritin available?
568	daily_ferritin_lborresu	Num	8	Ferritin Unit
569	daily_il6_lbyn	Num	8	IL-6 available?
570	daily_il6_lborresu	Num	8	IL-6 Unit
571	daily_oral_fluids_cmyl	Num	8	Oral/orogastric fluids?
572	daily_iv_fluids_cmyl	Num	8	Intravenous fluids?
573	daily_antifung_cmyl	Num	8	Antifungal agent?
574	daily_antimal_cmyl	Num	8	Antimalarial agent?
575	daily_oxygen_cmtrt	Num	8	Oxygen therapy - if Yes, Source of oxygen
576	abg_dt_dly	Num	8	Day of ABG
577	abg_tm_dly	Num	8	Time of ABG
578	abg_ph_dly	Num	8	pH
579	abg_paco2_dly	Num	8	PaCO2
580	abg_pao2_dly	Num	8	PaO2
581	abg_fio2_dly	Num	8	FiO2
582	ventck_dt_dly	Num	8	Day of ventilator check
583	ventck_tm_dly	Num	8	Time of ventilator check
584	ventck_mode_dly	Num	8	Ventilator mode
585	ventck_vtset_dly	Num	8	Set tidal volume (mL)

Num	Variable	Type	Len	Label
586	ventck_pcset_dly	Num	8	Set inspiratory pressure (cmH2O)
587	ventck_psset_dly	Num	8	Pressure support set (cmH2O)
588	ventck_vtact_dly	Num	8	Actual tidal volume (mL)
589	ventck_peak_dly	Num	8	Peak pressure (cmH2O)
590	ventck_plateau_dly	Num	8	Plateau pressure (cmH2O)
591	ventck_rrset_dly	Num	8	Set respiratory rate (RR)
592	ventck_rractual_dly	Num	8	Actual/total respiratory rate (RR)
593	ventck_ve_dly	Num	8	Total minute ventilation
594	ventck_peep_dly	Num	8	Positive end-expiratory pressure (PEEP, cmH2O)
595	ventck_fio2_dly	Num	8	FiO2
596	ventck_o2sat_dly	Num	8	O2 sat (%)
597	ventck_ieset_dly	Num	8	Set I:E ratio
598	ventck_ieact_dly	Num	8	Actual I:E ratio
599	review_last_date	Num	8	Day of last data update
600	admit_dc_dt	Num	8	Hospital discharge/death day
601	admit_dc_tm	Num	8	Hospital discharge/death time
602	dispo	Num	8	Hospital disposition at discharge
603	dispo_other	Char	500	Other hospital discharge
604	dispo_late_death_yn	Num	8	Is patient known to have died after hospital discharge?
605	dispo_death_date	Num	8	Death day
606	dispo_death_cause	Num	8	Cause of death
607	dispo_death_cause_other	Char	500	Other cause of death
608	dispo_death_autopsy	Num	8	Was an autopsy performed?
609	dispo_txlimit_yn	Num	8	Were there any limitations of life-sustaining therapy at the time of death?
610	dispo_txlimit_icu__0	Num	8	Limitation on ICU transfer? Reason(s)? (choice=No limitations)
611	dispo_txlimit_icu__1	Num	8	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to patient goals)
612	dispo_txlimit_icu__2	Num	8	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to hospital policy)
613	dispo_txlimit_icu__3	Num	8	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
614	dispo_txlimit_icu__8	Num	8	Limitation on ICU transfer? Reason(s)? (choice=Limitation for other reason)
615	dispo_txlimit_icu__9	Num	8	Limitation on ICU transfer? Reason(s)? (choice=Limitation, reason unknown)
616	dispo_txlimit_cpr__0	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=No limitations)
617	dispo_txlimit_cpr__1	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to patient goals)
618	dispo_txlimit_cpr__2	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to hospital policy)
619	dispo_txlimit_cpr__3	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))

Num	Variable	Type	Len	Label
620	dispo_txlimit_cpr__8	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation for other reason)
621	dispo_txlimit_cpr__9	Num	8	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation, reason unknown)
622	dispo_txlimit_vent__0	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=No limitations)
623	dispo_txlimit_vent__1	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to patient goals)
624	dispo_txlimit_vent__2	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to hospital policy)
625	dispo_txlimit_vent__3	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
626	dispo_txlimit_vent__8	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation for other reason)
627	dispo_txlimit_vent__9	Num	8	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation, reason unknown)
628	dispo_txlimit_pressors__0	Num	8	Limitation on vasopressors? Reason(s)? (choice=No limitations)
629	dispo_txlimit_pressors__1	Num	8	Limitation on vasopressors? Reason(s)? (choice=Limitation due to patient goals)
630	dispo_txlimit_pressors__2	Num	8	Limitation on vasopressors? Reason(s)? (choice=Limitation due to hospital policy)
631	dispo_txlimit_pressors__3	Num	8	Limitation on vasopressors? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
632	dispo_txlimit_pressors__8	Num	8	Limitation on vasopressors? Reason(s)? (choice=Limitation for other reason)
633	dispo_txlimit_pressors__9	Num	8	Limitation on vasopressors? Reason(s)? (choice=Limitation, reason unknown)
634	dispo_txlimit_rrt__0	Num	8	Limitation on dialysis? Reason(s)? (choice=No limitations)
635	dispo_txlimit_rrt__1	Num	8	Limitation on dialysis? Reason(s)? (choice=Limitation due to patient goals)
636	dispo_txlimit_rrt__2	Num	8	Limitation on dialysis? Reason(s)? (choice=Limitation due to hospital policy)
637	dispo_txlimit_rrt__3	Num	8	Limitation on dialysis? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
638	dispo_txlimit_rrt__8	Num	8	Limitation on dialysis? Reason(s)? (choice=Limitation for other reason)
639	dispo_txlimit_rrt__9	Num	8	Limitation on dialysis? Reason(s)? (choice=Limitation, reason unknown)
640	dispo_txlimit_cmo_yn	Num	8	Was patient placed on comfort-focused care or made comfort measures only prior to death?
641	dispo_txlimit_cmo_date	Num	8	Day patient was placed on comfort-focused care or made comfort measures only
642	dispo_function	Num	8	How does ability to self-care at discharge compare versus before illness?
643	dispo_function_walk	Num	8	At discharge, patient able to walk independently (>50', use of gait aid permitted)?
644	dispo_function_adls	Num	8	At discharge, patient able to perform ADLs independently?
645	infect_pulm	Num	8	Did patient have a pulmonary infection?
646	infect_nonpulm_yn__0	Num	8	Did patient have a non-pulmonary infection? (choice=None)
647	infect_nonpulm_yn__2	Num	8	Did patient have a non-pulmonary infection? (choice=Urinary tract)

Num	Variable	Type	Len	Label
648	infect_nonpulm_yn__3	Num	8	Did patient have a non-pulmonary infection? (choice=Intraabdominal, gastrointestinal, biliary)
649	infect_nonpulm_yn__4	Num	8	Did patient have a non-pulmonary infection? (choice=CNS/meningitis)
650	infect_nonpulm_yn__5	Num	8	Did patient have a non-pulmonary infection? (choice=Skin and soft tissue)
651	infect_nonpulm_yn__6	Num	8	Did patient have a non-pulmonary infection? (choice=Primary bloodstream/endocarditis)
652	infect_nonpulm_yn__7	Num	8	Did patient have a non-pulmonary infection? (choice=Osteoarticular (bones & joints, discitis))
653	infect_nonpulm_yn__8	Num	8	Did patient have a non-pulmonary infection? (choice=Other specific non-pulmonary source)
654	infect_nonpulm_yn__9	Num	8	Did patient have a non-pulmonary infection? (choice=Multiple non-pulmonary sources)
655	infect_nonpulm_yn__10	Num	8	Did patient have a non-pulmonary infection? (choice=Non-pulmonary infection, source unclear)
656	dispo_oxygen	Num	8	Discharged on new or increased nasal cannula, face mask, or high-flow oxygen therapy?
657	dispo_oxygen_level	Num	8	Level of new oxygen support
658	dispo_nippv	Num	8	Discharged on new or increased non-invasive positive pressure ventilation (NIPPV/BiPAP/CPAP) for ongoing respiratory support?
659	dispo_vent	Num	8	Discharged on new mechanical ventilation?
660	dispo_trach	Num	8	Discharged with a new tracheotomy?
661	dispo_trach_level	Num	8	Level of support via tracheostomy
662	dispo_dialysis	Num	8	Discharged on new dialysis?
663	tx_hosp_tot_icu	Num	8	Did patient spend any time in an ICU or ICU step-down/intermediate care unit during this admission?
664	tx_hosp_tot_icu_cnt	Num	8	Number of times patient admitted to ICU during encounter
665	tx_hosp_tot_icu_end	Num	8	Was patient in ICU at time of hospital death or discharge?
666	icu_date_admit1	Num	8	Day of first ICU admission
667	icu_date_dc1	Num	8	Day of first ICU discharge
668	icu_date_admit2	Num	8	Day of second ICU admission
669	icu_date_dc2	Num	8	Day of second discharge
670	icu_date_admit3	Num	8	Day of third ICU admission
671	icu_date_dc3	Num	8	Day of third ICU discharge
672	icu_date_admit4	Num	8	Day of fourth ICU admission
673	icu_date_dc4	Num	8	Day of FINAL ICU discharge
674	tx_hosp_tot_o2therapy	Num	8	Nasal cannula, face mask, or HFNC oxygen therapy
675	tx_hosp_tot_o2flow	Num	8	Maximum O2 flow via NC, face mask, or HFNC
676	tx_hosp_tot_o2mode__1	Num	8	Methods used to provide oxygen support (choice=Nasal cannula)
677	tx_hosp_tot_o2mode__3	Num	8	Methods used to provide oxygen support (choice=Simple mask)
678	tx_hosp_tot_o2mode__4	Num	8	Methods used to provide oxygen support (choice=Mask with reservoir)
679	tx_hosp_tot_o2mode__2	Num	8	Methods used to provide oxygen support (choice=HFNC)
680	tx_hosp_tot_o2_days	Num	8	Total days of inpatient oxygen therapy up to and including day 28

Num	Variable	Type	Len	Label
681	tx_hosp_tot_nippv	Num	8	Non-invasive ventilation (e.g. BiPAP, CPAP)
682	tx_hosp_tot_nippv_days	Num	8	Total days of inpatient NIPPV therapy up to and including day 28
683	tx_hosp_tot_vent	Num	8	Invasive ventilation
684	tx_hosp_tot_vent_cnt	Num	8	Number of episodes of mechanical ventilation during encounter
685	tx_hosp_tot_vent_end	Num	8	Was patient on invasive mechanical ventilation at time of hospital death or discharge?
686	tx_hosp_intub1_date	Num	8	Day of first intubation
687	tx_hosp_extub1_date	Num	8	Day of first extubation
688	tx_hosp_intub2_date	Num	8	Day of second intubation
689	tx_hosp_extub2_date	Num	8	Day of second extubation
690	tx_hosp_intub3_date	Num	8	Day of third intubation
691	tx_hosp_extub3_date	Num	8	Day of third extubation
692	tx_hosp_intub4_date	Num	8	Day of fourth intubation
693	tx_hosp_extub4_date	Num	8	Day of FINAL extubation
694	tx_hosp_tot_pressor	Num	8	Inotropes/vasopressors
695	tx_hosp_tot_pressor_days	Num	8	Total days of inpatient vasopressor therapy up to and including day 28
696	tx_hosp_tot_ecmo	Num	8	ECMO
697	tx_hosp_tot_ecmo_days	Num	8	Total days on ECMO therapy up to and including day 28
698	tx_hosp_tot_prone	Num	8	Prone positioning
699	tx_hosp_tot_prone_days	Num	8	Total days of proning therapy up to and including day 28
700	tx_hosp_tot_ino	Num	8	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
701	tx_hosp_tot_ino_days	Num	8	Total days received inhaled pulmonary vasodilators up to and including day 28
702	tx_hosp_tot_nmb	Num	8	Therapeutic neuromuscular blockade / therapeutic paralysis
703	tx_hosp_tot_nmb_days	Num	8	Total days received therapeutic neuromuscular blockade up to and including day 28
704	tx_hosp_tot_dialysis	Num	8	Renal replacement therapy / dialysis
705	tx_hosp_tot_crrt	Num	8	Received continuous renal replacement therapy at any point during this admission
706	tx_hosp_tot_rrt_days	Num	8	Total days of inpatient dialysis/renal replacement therapy therapy up to and including day 28
707	tx_hospt_tot_o2source	Num	8	Source of oxygen
708	dx_hosp_image_chest	Num	8	Did patient have chest X-ray or chest CT during the admission?
709	dx_hosp_image_cxr_cnt	Num	8	Total number of chest X-rays
710	dx_hosp_image_cxr_res	Num	8	Airspace opacities on chest X-ray
711	dx_hosp_image_cxr_eff	Num	8	Pleural effusion on chest X-ray
712	dx_hosp_image_ct_cnt	Num	8	Total number of chest CTs
713	dx_hosp_image_ct_res	Num	8	Airspace opacities on chest CT
714	dx_hosp_image_ctabd_count	Num	8	Total number of abdominal or abdominal/pelvis CTs
715	dx_hosp_image_tte_cnt	Num	8	Total number of formal echocardiograms (TEE or TTE) available for upload

Num	Variable	Type	Len	Label
716	dx_hosp_image_pocus_cnt	Num	8	Total number of informal/point-of-care ultrasounds with stored images available (includes echocardiograms, lung ultrasound, and other informal point-of-care ultrasound)
717	dx_hosp_image_ecg_cnt	Num	8	Total number of electrocardiograms (ECGs) available for upload
718	dx_hosp_image_tele_cnt	Num	8	Total number of telemetry files for upload
719	dx_micro_influenza	Num	8	Influenza
720	dx_micro_influenza_type	Num	8	Influenza type
721	dx_micro_othercorona	Num	8	Non-COVID coronavirus
722	dx_micro_otherresp	Num	8	Other respiratory pathogens detected via molecular testing?
723	dx_micro_resp_other__1	Num	8	What respiratory pathogens were detected? (choice=True-positive bacterial pulmonary culture)
724	dx_micro_resp_other__2	Num	8	What respiratory pathogens were detected? (choice=True-positive fungal pulmonary culture)
725	dx_micro_resp_other__3	Num	8	What respiratory pathogens were detected? (choice=Strep urine antigen)
726	dx_micro_resp_other__4	Num	8	What respiratory pathogens were detected? (choice=Legionella urine antigen)
727	dx_micro_resp_other__5	Num	8	What respiratory pathogens were detected? (choice=RSV)
728	dx_micro_resp_other__6	Num	8	What respiratory pathogens were detected? (choice=Metapneumovirus)
729	dx_micro_resp_other__7	Num	8	What respiratory pathogens were detected? (choice=Parainfluenza)
730	dx_micro_resp_other__8	Num	8	What respiratory pathogens were detected? (choice=Adenovirus)
731	dx_micro_resp_other__9	Num	8	What respiratory pathogens were detected? (choice=Rhinovirus)
732	dx_micro_resp_other__10	Num	8	What respiratory pathogens were detected? (choice=Mycoplasma)
733	dx_micro_resp_other__11	Num	8	What respiratory pathogens were detected? (choice=Chlamydia pneumoniae)
734	dx_micro_resp_other__99	Num	8	What respiratory pathogens were detected? (choice=Other)
735	dx_micro_resp_cx_bact	Num	8	True positive bacterial pulmonary culture?
736	dx_micro_resp_cx_fungal	Num	8	True positive fungal pulmonary culture?
737	dx_micro_resp_spec	Char	5000	Specify culture(s) or other result
738	dx_micro_hiv	Num	8	HIV test during admission
739	dx_micro_urine	Num	8	True positive urine culture?
740	dx_micro_blood	Num	8	True positive blood culture?
741	dx_micro_other	Num	8	Other true-positive culture?
742	dx_micro_cdif	Num	8	C difficile assay positive
743	dx_micro_vhf	Num	8	Viral hemorrhagic fever
744	dx_micro_pubhealth	Num	8	Other pathogen of public interest detected
745	dx_micro_malaria_falc	Num	8	Falciparum malaria
746	dx_micro_malaria_other	Num	8	Non-falciparum malaria
747	comp_seizure	Num	8	Seizures
748	comp_meningitis	Num	8	Meningitis/encephalitis
749	comp_stroke	Num	8	Stroke/cerebrovascular accident (CVA)
750	comp_stroke_ischemic	Num	8	Ischemic/embolic stroke
751	comp_stroke_hemorrhagic	Num	8	Hemorrhagic stroke

Num	Variable	Type	Len	Label
752	comp_arrhyth_afib	Num	8	Atrial fibrillation
753	comp_arrhyth_ventric	Num	8	Ventricular arrhythmia
754	comp_endocarditis	Num	8	Endocarditis
755	comp_carditis	Num	8	Myocarditis/pericarditis
756	comp_arrest	Num	8	Cardiac arrest
757	comp_stemi	Num	8	ST-elevation MI (STEMI)
758	comp_nstemi	Num	8	Non-ST elevation MI (NSTEMI) or other cardiac ischemia
759	comp_chf	Num	8	Congestive heart failure (CHF) / cardiomyopathy
760	comp_pna	Num	8	Pneumonia
761	comp_bronchiol	Num	8	Bronchiolitis
762	comp_ards	Num	8	ARDS
763	comp_artischemia	Num	8	Acute arterial thromboembolism excluding stroke/CVA or myocardial infarction
764	comp_vte	Num	8	Acute venous thromboembolism
765	comp_pe	Num	8	Pulmonary embolism (PE)
766	comp_dvt	Num	8	Deep vein thrombosis (DVT) of proximal or central vein
767	comp_shock	Num	8	Shock (use of vasopressors)
768	comp_bacteremia	Num	8	Bacteremia
769	comp_coagulopathy	Num	8	Coagulation disorder / disseminated intravascular coagulation
770	comp_hypoglycemia	Num	8	Symptomatic hypoglycemia
771	comp_bleeding	Num	8	Bleeding
772	comp_anemia	Num	8	Anemia
773	comp_panc	Num	8	Pancreatitis
774	comp_aki	Num	8	Acute renal injury/failure
775	comp_ali	Num	8	Liver dysfunction/failure
776	comp_other	Num	8	Other complication
777	meds_hosp_tot_exp	Num	8	Was a medication given as part of a research trial?
778	meds_hosp_tot_exp_blind	Num	8	Was patient's treatment assignment blinded?
779	meds_hosp_tot_exp_specb	Char	500	For blinded studies, list the treatment assignment possibilities/options.
780	meds_hosp_tot_exp_specu	Char	500	For unblinded/open-label studies, list the treatment assignment patient received.
781	meds_hosp_tot_hcq	Num	8	Hydroxychloroquine (plaquenil)
782	meds_hosp_tot_remdesivir	Num	8	Remdesivir
783	meds_hosp_tot_toci	Num	8	Tocilizumab (Actemra)
784	meds_hosp_tot_other__0	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
785	meds_hosp_tot_other__1	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
786	meds_hosp_tot_other__2	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))

Num	Variable	Type	Len	Label
787	meds_hosp_tot_other__3	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
788	meds_hosp_tot_other__4	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)
789	meds_hosp_tot_other__5	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)
790	meds_hosp_tot_other__6	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
791	meds_hosp_tot_other__7	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
792	meds_hosp_tot_other__8	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
793	meds_hosp_tot_other__9	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulumab (Kevzara))
794	meds_hosp_tot_other__10	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
795	meds_hosp_tot_other__11	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
796	meds_hosp_tot_other__12	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)
797	meds_hosp_tot_other__99	Num	8	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
798	meds_hosp_tot_other_oth	Char	500	List other medication(s) given to treat acute illness
799	meds_hosp_tot_antiviral_yn	Num	8	Antiviral (excluding meds given as part of placebo-controlled RCT)
800	meds_hosp_tot_azithro	Num	8	Azithromycin
801	meds_hosp_tot_otherabx	Num	8	Antibiotics other than azithromycin
802	meds_hosp_tot_vteppx	Num	8	Prophylactic anticoagulation
803	meds_hosp_tot_anticoag	Num	8	Therapeutic anticoagulation
804	meds_hosp_tot_lytic	Num	8	Fibrinolytic (lytic) therapy
805	meds_hosp_tot_nsaid	Num	8	NSAIDs (non-steroidal anti-inflammatory drugs)
806	meds_hosp_tot_acei	Num	8	ACE inhibitors
807	meds_hosp_tot_arb	Num	8	Angiotensin receptor blockers (ARBs)
808	meds_hosp_tot_cs_yn	Num	8	Any steroids (oral, IV, or inhaled)
809	meds_hosp_tot_cs_iv	Num	8	IV steroids
810	meds_hosp_tot_cs_po	Num	8	Oral/enteric steroids
811	meds_hosp_tot_cs_inh	Num	8	Inhaled steroids
812	meds_hosp_tot_fluids_iv	Num	8	IV fluids
813	meds_hosp_tot_fluids_oral	Num	8	Oral/orogastric fluids
814	meds_hosp_tot_fungal	Num	8	Anti-fungal
815	meds_hosp_tot_malaria	Num	8	Anti-malarial
816	language_pref	Num	8	What is the patient's preferred language?
817	language_pref_other	Char	500	Please specify preferred language:
818	language_english_yn	Num	8	Does the patient speak English?

Num	Variable	Type	Len	Label
819	charlson	Num	8	Charlson score
820	admit_hosp_los	Num	8	Total hospital length of stay (from hospital admit)
821	admit_icu_los	Num	8	Total ICU length of stay (from hospital admit)
822	admit_vfd	Num	8	VFD from admission to hospital discharge or day 28
823	admit_hfd	Num	8	Hospital-free days from hospital admit
824	cx_covid1_spectype	Num	8	COVID-19 specimen #1 type (e.g. nasopharyngeal swab)
825	cx_covid1_facility_type	Num	8	Setting in which patient had first COVID testing
826	cx_covid1_order_dt	Num	8	COVID-19 test #1 order day
827	cx_covid1_order_tm	Num	8	COVID-19 test #1 order time
828	cx_covid1_result_dt	Num	8	COVID-19 test #1 result day
829	cx_covid1_result_tm	Num	8	COVID-19 test #1 result time
830	cx_covid_pos_spectype	Num	8	COVID-19 specimen type for first positive test
831	cx_covid_pos_facility_type	Num	8	Setting in which patient had their first positive COVID PCR
832	cx_covid_pos_order_dt	Num	8	Order day for first positive COVID-19 PCR
833	cx_covid_pos_order_tm	Num	8	Order time for first positive COVID-19 PCR
834	cx_covid_pos_result_dt	Num	8	Result day for first positive COVID-19 PCR
835	cx_covid_pos_result_tm	Num	8	Result time for first positive COVID-19 PCR
836	lab_hosp_worst_wbc	Num	8	Lowest WBC after hospital arrival
837	lab_hosp_worst_lymph	Num	8	Lowest lymphocyte count after hospital arrival
838	lab_hosp_worst_pmnl	Num	8	Highest neutrophil count after hospital arrival
839	lab_hosp_worst_platelet	Num	8	Lowest platelet after hospital arrival
840	lab_hosp_worst_hct	Num	8	Lowest hematocrit after hospital arrival
841	lab_hosp_worst_hgb	Num	8	Lowest hemoglobin after hospital arrival
842	lab_hosp_worst_lactate	Num	8	Highest lactate after hospital arrival
843	lab_hosp_worst_ptt	Num	8	Highest aPTT after hospital arrival
844	lab_hosp_worst_inr	Num	8	Highest INR after hospital arrival
845	lab_hosp_worst_ast	Num	8	Highest AST after hospital arrival
846	lab_hosp_worst_alt	Num	8	Highest ALT after hospital arrival
847	lab_hosp_worst_bili	Num	8	Highest total bilirubin after hospital arrival
848	lab_hosp_worst_alb	Num	8	Lowest albumin
849	lab_hosp_worst_k	Num	8	Highest potassium after hospital arrival
850	lab_hosp_worst_hco3	Num	8	Lowest serum bicarbonate (HCO ₃)
851	lab_hosp_worst_bun	Num	8	Highest BUN after hospital arrival
852	lab_hosp_worst_cr	Num	8	Highest creatinine after hospital arrival
853	lab_hosp_worst_pct	Num	8	Highest procalcitonin after hospital arrival
854	lab_hosp_worst_ldh	Num	8	Highest LDH after hospital arrival
855	lab_hosp_worst_crp	Num	8	Highest CRP after hospital arrival
856	lab_hosp_worst_ferritin	Num	8	Highest ferritin after hospital arrival
857	lab_hosp_worst_trop	Num	8	Highest troponin after hospital arrival

Num	Variable	Type	Len	Label
858	lab_hosp_worst_bnp	Num	8	Highest BNP after hospital arrival
859	lab_hosp_worst_ddimer	Num	8	Highest D-dimer after hospital arrival
860	lab_hosp_worst_ck	Num	8	Highest CK after hospital arrival
861	lab_hosp_worst_il6	Num	8	Highest Il-6 after hospital arrival
862	comorb_elix_arrhyth	Num	8	Elixhauser-Cardiac arrhythmias
863	comorb_elix_valve	Num	8	Elixhauser-Valvular disease
864	comorb_elix_chf	Num	8	Elixhauser-Congestive heart failure
865	comorb_elix_pulmhtn	Num	8	Elixhauser-Pulmonary circulation disorder
866	comorb_elix_pvd	Num	8	Elixhauser-Peripheral vascular disease
867	comorb_elix_htn_mild	Num	8	Elixhauser-Hypertension, uncomplicated
868	comorb_elix_htn_severe	Num	8	Elixhauser-Hypertension, complicated
869	comorb_elix_neuro	Num	8	Elixhauser-Other neurologic disorders
870	comorb_elix_pulm	Num	8	Elixhauser-Chronic pulmonary disease
871	comorb_elix_ctd	Num	8	Elixhauser-Connective tissue disease
872	comorb_elix_pud	Num	8	Elixhauser-Peptic ulcer disease without bleeding
873	comorb_elix_aids	Num	8	Elixhauser-AIDS
874	comorb_elix_liver	Num	8	Elixhauser-Liver disease
875	comorb_elix_dm_mild	Num	8	Elixhauser-Diabetes without end-organ damage
876	comorb_elix_paralysis	Num	8	Elixhauser-Paralysis
877	comorb_elix_renal_sev	Num	8	Elixhauser-Renal failure
878	comorb_elix_dm_severe	Num	8	Elixhauser-Diabetes with end-organ damage (retinopathy, neuropathy, nephropathy)
879	comorb_elix_hypothyroid	Num	8	Elixhauser-Hypothyroidism
880	comorb_elix_tumor_no	Num	8	Elixhauser-Solid tumor with metastasis
881	comorb_elix_lymphoma	Num	8	Elixhauser-Lymphoma
882	comorb_elix_tumor_mets	Num	8	Elixhauser-Metastatic solid tumor
883	comorb_elix_coag	Num	8	Elixhauser-Coagulopathy
884	comorb_elix_obesity	Num	8	Elixhauser-Obesity
885	comorb_elix_wtloss	Num	8	Elixhauser-Weight loss
886	comorb_elix_lytes	Num	8	Elixhauser-Fluid and electrolyte disorders
887	comorb_elix_anemia_loss	Num	8	Elixhauser-Blood loss anemia
888	comorb_elix_anemia_def	Num	8	Elixhauser-Deficiency anemias
889	admit_icd10_1	Char	500	ICD-10 code #1
890	admit_icd10_2	Char	500	ICD-10 code #2
891	admit_icd10_3	Char	500	ICD-10 code #3
892	admit_icd10_4	Char	500	ICD-10 code #4
893	admit_icd10_5	Char	500	ICD-10 code #5
894	admit_icd10_6	Char	500	ICD-10 code #6
895	admit_icd10_7	Char	500	ICD-10 code #7

Num	Variable	Type	Len	Label
896	admit_icd10_8	Char	500	ICD-10 code #8
897	admit_icd10_9	Char	500	ICD-10 code #9
898	admit_icd10_10	Char	500	ICD-10 code #10
899	admit_icd10_11	Char	500	ICD-10 code #11
900	admit_icd10_12	Char	500	ICD-10 code #12
901	admit_icd10_13	Char	500	ICD-10 code #13
902	admit_icd10_14	Char	500	ICD-10 code #14
903	admit_icd10_15	Char	500	ICD-10 code #15
904	admit_icd10_16	Char	500	ICD-10 code #16
905	admit_icd10_17	Char	500	ICD-10 code #17
906	admit_icd10_18	Char	500	ICD-10 code #18
907	admit_icd10_19	Char	500	ICD-10 code #19
908	admit_icd10_20	Char	500	ICD-10 code #20
909	admit_icd10_21	Char	500	ICD-10 code #21
910	admit_icd10_22	Char	500	ICD-10 code #22
911	admit_icd10_23	Char	500	ICD-10 code #23
912	admit_icd10_24	Char	500	ICD-10 code #24
913	admit_icd10_25	Char	500	ICD-10 code #25
914	admit_icd10_26	Char	500	ICD-10 code #26
915	admit_icd10_27	Char	500	ICD-10 code #27
916	admit_icd10_28	Char	500	ICD-10 code #28
917	admit_icd10_29	Char	500	ICD-10 code #29
918	admit_icd10_30	Char	500	ICD-10 code #30
919	admit_icd10_31	Char	500	ICD-10 code #31
920	admit_icd10_32	Char	500	ICD-10 code #32
921	admit_icd10_33	Char	500	ICD-10 code #33
922	admit_icd10_34	Char	500	ICD-10 code #34
923	admit_icd10_35	Char	500	ICD-10 code #35
924	admit_icd10_36	Char	500	ICD-10 code #36
925	admit_icd10_37	Char	500	ICD-10 code #37
926	admit_icd10_38	Char	500	ICD-10 code #38
927	admit_icd10_39	Char	500	ICD-10 code #39
928	admit_icd10_40	Char	500	ICD-10 code #40
929	d_C_RED_ELIGIBLE	Char	3	Patient eligible for RED CORAL (YES/NO)
930	d_C_RED_EXCLUSION	Char	50	If C_RED_ELIGIBLE="Yes", nature of exclusion.
931	d_C_cx_covid_yn	Char	3	COVID-19 test done
932	d_C_cx_covid_pos_ever_yn	Char	3	Any positive COVID-19 test?
933	d_C_cx_covid_pos_first_dt	Num	8	Specimen collection day for first positive test
934	d_C_cx_covid_pos_first_tm	Num	8	Specimen collection time for first positive test

Num	Variable	Type	Len	Label
935	d_C_admit_yn	Char	3	Was COVID-19 associated with an admission to a study hospital?
936	d_C_admit_cause	Char	3	Did COVID-19 contribute to need for hospital admission?
937	d_C_admit_cause_other	Char	71	Reason for admission if other than COVID-19 symptoms, disease, or associated complications
938	d_C_admit_admit_dt	Num	8	Day of first admission to study hospital
939	d_C_admit_admit_tm	Num	8	Time of first admission to study hospital
940	d_C_ADMIT_DT	Num	8	Calendar day of admission to study hospital
941	d_C_admit_ed_yn	Char	3	Did this admission occur via the study hospital's ED?
942	d_C_admit_ed_arrival_dt	Num	8	Study hospital ED arrival day for ED visit leading to first hospital admission
943	d_C_admit_ed_arrival_tm	Num	8	Study hospital ED arrival time for ED visit leading to first hospital admission
944	d_C_elig_fever	Char	7	History of self reported feverishness or measured fever of >38°C (>100.4°F)
945	d_C_elig_cough	Char	7	Cough
946	d_C_elig_dyspnea	Char	7	Dyspnea (shortness of breath) OR tachypnea*
947	d_C_elig_eval_coral	Char	32	Is patient being evaluated for retrospective (RED CORAL) or prospective (BLUE CORAL) cohort?
948	d_C_elig_prisoner	Char	3	Known to be a prisoner or otherwise in legal custody at time of admission to the hospital
949	d_C_elig_priorenroll	Char	3	Previous admission for COVID-19
950	d_C_DETAIL	Char	3	Detailed data collection done (Yes/No)
951	d_C_AGE	Num	8	Patient age
952	d_C_sex	Char	6	Sex
953	d_C_race	Char	32	Race
954	d_C_ethnicity	Char	22	Hispanic ethnicity
955	d_C_pregnant	Char	3	Pregnant (Y/N)
956	d_C_pregnant_weeks	Num	8	Gestational age
957	d_C_admit_source	Char	72	Patient location/living situation prior to onset of current illness episode
958	d_C_admit_source_other	Char	30	Specify other patient location/living situation prior to onset of current illness episode
959	d_C_exposure_hcw	Char	3	Is patient a healthcare worker?
960	d_C_smoking	Char	7	Cigarette or tobacco smoking
961	d_C_vaping	Char	7	Vaping
962	d_C_admit_admit_type	Char	31	Hospital admission type
963	d_C_admit_admit_resourcelimit	Char	7	Any indication in admission documentation of external triage limitations on access to intensive care?
964	d_C_admit_transfer_why__1	Char	3	Reason for transfer (choice=Regionalized COVID-19 care)
965	d_C_admit_transfer_why__2	Char	3	Reason for transfer (choice=Capacity issues at other hospital)
966	d_C_admit_transfer_why__3	Char	3	Reason for transfer (choice=Need for higher level of care)
967	d_C_admit_transfer_why__9	Char	3	Reason for transfer (choice=Other/unknown)
968	d_C_goals_advancedirect	Char	3	Advanced directives or POLST in place before hospital admission?
969	d_C_goals_limit	Char	7	Patient limitations on life-sustaining therapy on admission

Num	Variable	Type	Len	Label
970	d_C_goals_self	Char	3	Is patient able to make medical decisions on admission?
971	d_C_goals_surrougate	Char	3	Does patient have surrogate decision makers/next of kin?
972	d_C_function_prioradmit	Char	3	Hospital admission in the past 12 months
973	d_C_function_prioradmit_count	Num	8	How many hospital admissions in past year?
974	d_C_function_prioradmit_days	Num	8	How many days in acute care hospital in last 30 days
975	d_C_function_edadmit	Char	3	ED visit in the past 12 months
976	d_C_function_walk	Char	3	Patient able to walk independently (>50', use of gait aid permitted)?
977	d_C_function_adls	Char	3	Patient able to perform activities of daily living (ADLs) independently?
978	d_C_function_frailty	Char	19	Frailty scale
979	d_C_meds_hosp_24h_exp	Char	3	Was a medication given as part of a research trial?
980	d_C_meds_hosp_24h_exp_blind	Char	20	Was patient's treatment assignment blinded?
981	d_C_meds_hosp_24h_exp_specb	Char	101	For blinded studies, list the treatment assignment possibilities/options.
982	d_C_meds_hosp_24h_exp_specu	Char	62	For unblinded/open-label studies, list the treatment assignment patient received.
983	d_C_meds_hosp_24h_hcq	Char	3	Hydroxychloroquine (plaquenil)
984	d_C_meds_hosp_24h_remedesivir	Char	3	Remdesivir
985	d_C_meds_hosp_24h_toci	Char	3	Tocilizumab (Actemra)
986	d_C_meds_hosp_24h_other__0	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
987	d_C_meds_hosp_24h_other__1	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
988	d_C_meds_hosp_24h_other__2	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))
989	d_C_meds_hosp_24h_other__3	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
990	d_C_meds_hosp_24h_other__4	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)
991	d_C_meds_hosp_24h_other__5	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)
992	d_C_meds_hosp_24h_other__6	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
993	d_C_meds_hosp_24h_other__7	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
994	d_C_meds_hosp_24h_other__8	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
995	d_C_meds_hosp_24h_other__9	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulimab (Kevzara))
996	d_C_meds_hosp_24h_other__10	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
997	d_C_meds_hosp_24h_other__11	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
998	d_C_meds_hosp_24h_other__12	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)

Num	Variable	Type	Len	Label
999	d_C_meds_hosp_24h_other__99	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
1000	d_C_meds_hosp_24h_other_oth	Char	110	List other medication(s) given to treat acute illness
1001	d_C_meds_hosp_24h_azithro	Char	3	Azithromycin
1002	d_C_meds_hosp_24h_otherabx	Char	3	Antibiotics other than azithromycin
1003	d_C_meds_hosp_24h_sedatives__0	Char	9	Sedatives used for patient while on ventilator (choice=None)
1004	d_C_meds_hosp_24h_sedatives__1	Char	9	Sedatives used for patient while on ventilator (choice=Propofol)
1005	d_C_meds_hosp_24h_sedatives__2	Char	9	Sedatives used for patient while on ventilator (choice=Dexmedetomidine (Precedex))
1006	d_C_meds_hosp_24h_sedatives__3	Char	9	Sedatives used for patient while on ventilator (choice=Benzodiazepine (continuous infusion))
1007	d_C_meds_hosp_24h_sedatives__4	Char	9	Sedatives used for patient while on ventilator (choice=Benzodiazepine (intermittent bolus))
1008	d_C_meds_hosp_24h_sedatives__5	Char	9	Sedatives used for patient while on ventilator (choice=Ketamine)
1009	d_C_meds_hosp_24h_sedatives__9	Char	9	Sedatives used for patient while on ventilator (choice=Other)
1010	d_C_meds_hosp_24h_vteppx	Char	3	Prophylactic anticoagulation
1011	d_C_meds_hosp_24h_anticoag	Char	3	Therapeutic anticoagulation
1012	d_C_meds_hosp_24h_lytic	Char	3	Fibrinolytic (lytic) therapy
1013	d_C_meds_hosp_24h_nsaid	Char	3	NSAIDs (non-steroidal anti-inflammatory drugs)
1014	d_C_meds_hosp_24h_acei	Char	3	ACE inhibitors
1015	d_C_meds_hosp_24h_arb	Char	3	Angiotensin receptor blockers (ARBs)
1016	d_C_meds_hosp_24h_cs_yn	Char	3	Any steroids (oral, IV, or inhaled)
1017	d_C_meds_hosp_24h_cs_iv	Char	3	IV steroids
1018	d_C_meds_hosp_24h_cs_po	Char	3	Oral/enteric steroids
1019	d_C_meds_hosp_24h_cs_inh	Char	3	Inhaled steroids
1020	d_C_meds_hosp_24h_cs_pred	Num	8	Total prednisone administered (in mg) during 24h period
1021	d_C_meds_hosp_24h_cs_mp	Num	8	Total methylprednisolone (Solumedrol, Medrol) administered (in mg) during 24h period
1022	d_C_meds_hosp_24h_cs_hct	Num	8	Total hydrocortisone administered (in mg) during 24h period
1023	d_C_meds_hosp_24h_cs_dex	Num	8	Total dexamethasone (Decadron) administered (in mg) during 24h period
1024	d_C_meds_hosp_24h_cs_plone	Num	8	Total prednisolone administered (in mg) during 24h period
1025	d_C_meds_hosp_24h_fluids_iv	Char	3	Received >2L IV fluids within first 24 hours of hospital arrival?
1026	d_C_lab_hosp_first_wbc	Num	8	White blood count
1027	d_C_lab_hosp_24h_wbc_low	Num	8	Lowest WBC
1028	d_C_lab_hosp_24h_wbc_high	Num	8	Highest WBC
1029	d_C_lab_hosp_first_lymph	Num	8	Lymphocyte count
1030	d_C_lab_hosp_first_pmn	Num	8	Neutrophil count (ANC)
1031	d_C_lab_hosp_first_platelet	Num	8	Platelets
1032	d_C_lab_hosp_first_hct	Num	8	Hematocrit
1033	d_C_lab_hosp_24h_hct_low	Num	8	Lowest Hct

Num	Variable	Type	Len	Label
1034	d_C_lab_hosp_24h_hct_high	Num	8	Highest Hct
1035	d_C_lab_hosp_first_hgb	Num	8	Hemoglobin
1036	d_C_lab_hosp_first_lactate	Num	8	Lactate
1037	d_C_lab_hosp_first_ptt	Num	8	PTT
1038	d_C_lab_hosp_first_pt	Num	8	PT
1039	d_C_lab_hosp_first_inr	Num	8	INR
1040	d_C_lab_hosp_first_ast	Num	8	AST
1041	d_C_lab_hosp_first_alt	Num	8	ALT
1042	d_C_lab_hosp_first_bili	Num	8	Total bilirubin
1043	d_C_lab_hosp_first_alb	Num	8	Albumin
1044	d_C_lab_hosp_first_na	Num	8	Sodium
1045	d_C_lab_hosp_24h_na_low	Num	8	Lowest sodium
1046	d_C_lab_hosp_24h_na_high	Num	8	Highest sodium
1047	d_C_lab_hosp_first_k	Num	8	Potassium
1048	d_C_lab_hosp_24h_k_low	Num	8	Lowest potassium
1049	d_C_lab_hosp_24h_k_high	Num	8	Highest potassium
1050	d_C_lab_hosp_first_hco3	Num	8	Serum bicarbonate (HCO ₃)
1051	d_C_lab_hosp_first_bun	Num	8	BUN
1052	d_C_lab_hosp_first_cr	Num	8	Creatinine
1053	d_C_lab_hosp_first_gluc	Num	8	Glucose
1054	d_C_lab_hosp_first_pct	Num	8	Procalcitonin
1055	d_C_lab_hosp_first_crp	Num	8	CRP
1056	d_C_lab_hosp_first_ldh	Num	8	LDH
1057	d_C_lab_hosp_first_ck	Num	8	CK
1058	d_C_lab_hosp_first_trop	Num	8	Troponin I
1059	d_C_lab_hosp_first_bnp	Num	8	BNP
1060	d_C_lab_hosp_first_esr	Num	8	ESR
1061	d_C_lab_hosp_first_ddimer	Num	8	D-dimer
1062	d_C_lab_hosp_first_ferritin	Num	8	Ferritin
1063	d_C_lab_hosp_first_il6	Num	8	IL-6
1064	d_C_lab_hosp_first_pao2	Num	8	First PaO ₂
1065	d_C_lab_hosp_first_fio2	Num	8	FiO ₂ at time of first PaO ₂
1066	d_C_lab_hosp_first_ph	Num	8	pH at time of first PaO ₂
1067	d_C_lab_hosp_first_paco2	Num	8	PaCO ₂ at time of first PaO ₂
1068	d_C_lab_hosp_24h_pao2_lowest	Num	8	Lowest PaO ₂ within 24h of hospital arrival
1069	d_C_lab_hosp_24h_fio2_low	Num	8	FiO ₂ at time of lowest PaO ₂ .
1070	d_C_lab_hosp_24h_ph_low	Num	8	pH from ABG with lowest PaO ₂
1071	d_C_lab_hosp_24h_vent_low	Char	3	On ventilator at time of lowest PaO ₂ ?
1072	d_C_tx_hosp_24h_icu	Char	14	ICU or ICU step-down/intermediate care unit admission

Num	Variable	Type	Len	Label
1073	d_C_tx_hosp_24h_o2therapy	Char	3	Nasal cannula, face mask, or HFNC oxygen therapy
1074	d_C_tx_hosp_24h_o2flow	Char	7	Maximum O2 flow via NC, face mask, or HFNC
1075	d_C_tx_hosp_24h_o2mode	Char	19	Most intense method used to give support
1076	d_C_tx_hosp_24h_nippv	Char	3	Non-invasive ventilation (e.g. BiPAP, CPAP)
1077	d_C_tx_hosp_24h_vent	Char	3	Invasive ventilation
1078	d_C_tx_hosp_24h_pressor	Char	3	Inotropes/vasopressors
1079	d_C_tx_hosp_24h_pressor_dose	Char	86	Dose of vasopressors/inotropes
1080	d_C_tx_hosp_24h_ecmo	Char	3	ECMO
1081	d_C_tx_hosp_24h_prone	Char	3	Prone positioning
1082	d_C_tx_hosp_24h_ino	Char	3	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
1083	d_C_tx_hosp_24h_nmb	Char	3	Therapeutic neuromuscular blockade / therapeutic paralysis
1084	d_C_tx_hosp_24h_rrt	Char	68	Renal replacement therapy / dialysis
1085	d_C_vs_hosp_first_temp	Num	8	Temperature (>C)
1086	d_C_vs_hosp_first_hr	Num	8	Heart rate
1087	d_C_vs_hosp_first_rr	Num	8	Respiratory rate
1088	d_C_vs_hosp_first_sbp	Num	8	Systolic blood pressure
1089	d_C_vs_hosp_first_dbp	Num	8	Diastolic blood pressure
1090	d_C_vs_hosp_first_map	Num	8	First mean arterial pressure
1091	d_C_vs_hosp_first_o2sat	Num	8	Oxygen saturation (%)
1092	d_C_vs_hosp_first_fio2	Num	8	FiO2 at time of oxygen sat
1093	d_C_vs_hosp_first_o2supp	Num	8	Oxygen support at time of first O2 sat
1094	d_C_vs_hosp_first_gcs_avail	Char	3	Was GCS explicitly documented?
1095	d_C_vs_hosp_first_gcs	Num	8	GCS
1096	d_C_vs_hosp_first_weight	Num	8	First weight (kg)
1097	d_C_vs_hosp_first_height	Num	8	First height (cm)
1098	d_C_vs_hosp_first_bmi	Num	8	First BMI (auto-calculated)
1099	d_C_vs_hosp_first_rass	Num	8	First RASS
1100	d_C_vs_hosp_first_cam	Char	22	First CAM
1101	d_C_vs_hosp24_temp_low	Num	8	Lowest temperature (>C)
1102	d_C_vs_hosp24_temp_high	Num	8	Highest temperature (>C)
1103	d_C_vs_hosp24_hr_low	Num	8	Lowest HR
1104	d_C_vs_hosp24_hr_high	Num	8	Highest HR
1105	d_C_vs_hosp24_rr_low	Num	8	Lowest RR
1106	d_C_vs_hosp24_rr_high	Num	8	Highest RR
1107	d_C_vs_hosp24_sbp_low	Num	8	Lowest SBP
1108	d_C_vs_hosp24_sbp_high	Num	8	Highest SBP
1109	d_C_vs_hosp24_map_low	Num	8	Lowest MAP
1110	d_C_vs_hosp24_map_high	Num	8	Highest MAP

Num	Variable	Type	Len	Label
1111	d_C_vs_hosp24_o2sat_low	Num	8	Lowest O2 sat (%)
1112	d_C_vs_hosp24_fio2_high	Num	8	FiO2 at time of lowest O2 sat
1113	d_C_vs_hosp24_gcs_low	Num	8	Lowest GCS
1114	d_C_NUM_SYMPTOMS	Num	8	Number of symptoms noted
1115	d_C_fever_combo	Char	3	Calculated variable combining admission signs and symptoms fever and eligibility (YES/NO)
1116	d_C_symptom_fever	Char	7	Fever
1117	d_C_cough_combo	Char	3	Calculated variable combining admission signs and symptoms cough/cough with sputum production and eligibility
1118	d_C_symptom_cough	Char	7	Cough
1119	d_C_symptom_cough_prod	Char	7	Cough with sputum production
1120	d_C_dyspnea_combo	Char	3	Calculated variable combining admission signs and symptoms Shortness of breath (dyspnea) at rest, with exertion or lying flat (orthopnea) and eligibility
1121	d_C_symptom_dyspnea	Char	7	Shortness of breath (dyspnea) at rest, with exertion or lying flat (orthopnea)
1122	d_C_symptom_chills	Char	7	Chills/rigors/shivering
1123	d_C_symptom_sorethroat	Char	7	Sore throat
1124	d_C_symptom_rhinorhea	Char	7	Runny nose (rhinorrhoea)
1125	d_C_symptom_wheeze	Char	7	Wheezing
1126	d_C_symptom_chestpain	Char	7	Chest pain
1127	d_C_symptom_myalgia	Char	7	Muscle aches (myalgia)
1128	d_C_symptom_arthralgia	Char	7	Joint pain (arthralgia)
1129	d_C_symptom_fatigue	Char	7	Fatigue/malaise
1130	d_C_symptom_edema	Char	7	Swelling (edema)
1131	d_C_symptoms_nonamb	Char	7	Unable to walk
1132	d_C_symptom_headache	Char	7	Headache
1133	d_C_symptom_confusion	Char	7	Altered consciousness or confusion
1134	d_C_symptom_seizure	Char	7	Seizures
1135	d_C_symptom_syncope	Char	7	Fainting (syncope)
1136	d_C_symptom_anosmia	Char	7	Loss or impairment of sense of smell (anosmia)
1137	d_C_symptom_ageusia	Char	7	Loss or impairment of sense of taste (ageusia)
1138	d_C_symptom_abdpain	Char	7	Abdominal pain
1139	d_C_symptom_nausea	Char	7	Nausea/vomiting
1140	d_C_symptom_diarrhea	Char	7	Diarrhea
1141	d_C_symptom_conjunctivitis	Char	7	Conjunctivitis
1142	d_C_symptom_bleeding	Char	7	Bleeding/hemorrhage
1143	d_C_symptom_bleeding_site	Char	60	Bleeding site
1144	d_C_comorb_charlson_mi	Char	3	Charlson--Myocardial infarction
1145	d_C_comorb_charlson_chf	Char	3	Charlson--Congestive heart failure
1146	d_C_comorb_arrhth_atrial	Char	3	Atrial arrhythmia
1147	d_C_comorb_arrhth_other	Char	3	Other (non-atrial) arrhythmia

Num	Variable	Type	Len	Label
1148	d_C_comorb_htn	Char	3	Hypertension
1149	d_C_comorb_charlson_pvd	Char	3	Charlson--Peripheral vascular disease
1150	d_C_comorb_charlson_cva_mild	Char	3	Charlson--Cerebrovascular disease (with mild or no residual or TIA)
1151	d_C_comorb_charlson_hemiplegia	Char	3	Charlson--Hemiplegia
1152	d_C_comorb_charlson_dementia	Char	3	Charlson--Dementia
1153	d_C_comorb_charlson_pulm	Char	3	Charlson--Chronic pulmonary disease
1154	d_C_comorb_copd	Char	3	COPD/emphysema/chronic bronchitis
1155	d_C_comorb_ild	Char	3	Interstitial lung disease
1156	d_C_comorb_asthma	Char	3	Asthma
1157	d_C_comorb_homeo2	Char	31	Home respiratory support
1158	d_C_comorb_homeo2_amount	Num	8	Highest amount of oxygen used at baseline base
1159	d_C_comorb_charlson_pud	Char	3	Charlson--Peptic ulcer disease
1160	d_C_comorb_charlson_liver_mild	Char	3	Charlson--Mild liver disease
1161	d_C_comorb_charlson_liver_sev	Char	3	Charlson--Moderate or severe liver disease
1162	d_C_comorb_charlson_dm_mild	Char	3	Charlson--Diabetes without end-organ damage
1163	d_C_comorb_charlson_dm_severe	Char	3	Charlson--Diabetes with end-organ damage
1164	d_C_comorb_charlson_ctd	Char	3	Charlson--Connective tissue disease
1165	d_C_comorb_charlson_renal_sev	Char	3	Charlson--Moderate or severe renal disease
1166	d_C_comorb_dialysis	Char	3	Chronic dialysis
1167	d_C_comorb_charlson_tumor_no	Char	3	Charlson--Tumor without metastases
1168	d_C_omorb_charlson_tumor_mets	Char	3	Charlson--Metastatic solid tumor
1169	d_C_comorb_charlson_leukemia	Char	3	Charlson--Leukemia
1170	d_C_comorb_charlson_lymphoma	Char	3	Charlson--Lymphoma
1171	d_C_comorb_charlson_aids	Char	3	Charlson--AIDS
1172	d_C_comorb_hiv	Char	3	HIV
1173	d_C_comorb_tb	Char	3	Tuberculosis
1174	d_C_comorb_elix_etoh	Char	3	Alcohol abuse
1175	d_C_comorb_elix_drugs	Char	3	Drug abuse
1176	d_C_comorb_elix_depression	Char	3	Depression
1177	d_C_comorb_ptsd	Char	3	PTSD
1178	d_C_comorb_anxiety	Char	3	Anxiety
1179	d_C_CHARLSON_MI	Num	8	Calculated Charlson myocardial infarction component (0/1)
1180	d_C_CHARLSON_CHF	Num	8	Calculated Charlson CHF component (0/1)
1181	d_C_CHARLSON_PVD	Num	8	Calculated Charlson peripheral vascular disease component (0/1)
1182	d_C_CHARLSON_CVA_TIA	Num	8	Calculated Charlson CIA or TIA component (0/1)
1183	d_C_CHARLSON_DEMENTIA	Num	8	Calculated Charlson dementia component (0/1)
1184	d_C_CHARLSON_COPD	Num	8	Calculated Charlson COPD component (0/1)
1185	d_C_CHARLSON_CONNECTIVE	Num	8	Calculated Charlson connective tissue disease component (0/1)
1186	d_C_CHARLSON_PEPTIC	Num	8	Calculated Charlson peptic ulcer disease component (0/1)

Num	Variable	Type	Len	Label
1187	d_C_CHARLSON_LIVER	Num	8	Calculated Charlson liver disease component (0/1/3)
1188	d_C_CHARLSON_DIABETES	Num	8	Calculated Charlson diabetes mellitus component (0/1/2)
1189	d_C_CHARLSON_HEMIPLEGIA	Num	8	Calculated Charlson hemiplegia component (0/2)
1190	d_C_CHARLSON_CKD	Num	8	Calculated Charlson moderate to severe chronic kidney disease component (0/2)
1191	d_C_CHARLSON_SOLID_TUMOR	Num	8	Calculated Charlson solid tumor component (0/2/6)
1192	d_C_CHARLSON_LEUKEMIA	Num	8	Calculated Charlson leukemia component (0/2)
1193	d_C_CHARLSON_LYMPHOMA	Num	8	Calculated Charlson lymphoma component (0/2)
1194	d_C_CHARLSON_AIDS	Num	8	Calculated Charlson AIDS component (0/6)
1195	d_C_CHARLSON_AGE	Num	8	Calculated Charlson age component (0 < 50, 1 50-59, 2 60-69, 3 70-79, 4 >=80)
1196	d_C_CHARLSON_INDEX_NO_AGE	Num	8	Calculated Charlson score without age component
1197	d_C_CHARLSON_INDEX	Num	8	Calculated Charlson Comorbidity Index (CCI)
1198	d_C_meds_home_exp	Char	3	Is patient known to have received medication(s) as part of a COVID-19 research trial prior to study hospital arrival?
1199	d_C_meds_home_exp_blind	Char	20	Was patient's treatment assignment blinded?
1200	d_C_meds_home_exp_specb	Char	18	For blinded studies, list the treatment assignment possibilities/options.
1201	d_C_meds_home_exp_specu	Char	25	For unblinded/open-label studies, list the treatment assignment patient received.
1202	d_C_meds_home_acei	Char	3	ACE inhibitors
1203	d_C_meds_home_arbs	Char	3	Angiotensin receptor blockers (ARBs)
1204	d_C_home_meds_htn_other	Char	3	Other anti-hypertensive
1205	d_C_meds_home_nsaid	Char	3	NSAIDs (non-steroidal anti-inflammatory drugs)
1206	d_C_meds_home_asa	Char	3	Aspirin
1207	d_C_meds_home_statin	Char	3	Statin
1208	d_C_meds_home_steroidpo	Char	3	Chronic systemic/oral steroids
1209	d_C_meds_home_steroidinh	Char	3	Chronic inhaled steroids
1210	d_C_meds_home_immsupp	Char	3	Immunosuppressive medication
1211	d_C_meds_home_haart	Char	3	Antiretroviral therapy (ART/HAART) for HIV/AIDS
1212	d_C_meds_home_chloroquine	Char	2	Chloroquine
1213	d_C_meds_home_hcq	Char	3	Hydroxychloroquine (plaquenil)
1214	d_C_meds_home_hcq_chronic	Char	20	Reason for hydroxychloroquine or chloroquine?
1215	d_C_meds_home_azithro	Char	3	Azithromycin
1216	d_C_meds_home_azithro_chronic	Char	20	Reason for azithromycin?
1217	d_C_comp_seizure	Char	3	Seizures
1218	d_C_comp_meningitis	Char	3	Meningitis/encephalitis
1219	d_C_comp_stroke	Char	3	Stroke/cerebrovascular accident (CVA)
1220	d_C_comp_stroke_ischemic	Char	3	Ischemic/embolic stroke
1221	d_C_comp_stroke_hemorrhagic	Char	3	Hemorrhagic stroke
1222	d_C_comp_arrhyth_afib	Char	3	Atrial fibrillation

Num	Variable	Type	Len	Label
1223	d_C_comp_arrhyth_ventric	Char	3	Ventricular arrhythmia
1224	d_C_comp_endocarditis	Char	3	Endocarditis
1225	d_C_comp_carditis	Char	3	Myocarditis/pericarditis
1226	d_C_comp_arrest	Char	3	Cardiac arrest
1227	d_C_comp_stemi	Char	3	ST-elevation MI (STEMI)
1228	d_C_comp_nstemi	Char	3	Non-ST elevation MI (NSTEMI) or other cardiac ischemia
1229	d_C_comp_chf	Char	3	Congestive heart failure (CHF) / cardiomyopathy
1230	d_C_comp_pna	Char	3	Pneumonia
1231	d_C_comp_bronchiol	Char	3	Bronchiolitis
1232	d_C_comp_ards	Char	3	ARDS
1233	d_C_comp_artischemia	Char	3	Acute arterial thromboembolism excluding stroke/CVA or myocardial infarction
1234	d_C_comp_vte	Char	3	Acute venous thromboembolism
1235	d_C_comp_pe	Char	3	Pulmonary embolism (PE)
1236	d_C_comp_dvt	Char	3	Deep vein thrombosis (DVT) of proximal or central vein
1237	d_C_comp_shock	Char	3	Shock (use of vasopressors)
1238	d_C_comp_bacteremia	Char	3	Bacteremia
1239	d_C_comp_coagulopathy	Char	3	Coagulation disorder / disseminated intravascular coagulation
1240	d_C_comp_hypoglycemia	Char	3	Symptomatic hypoglycemia
1241	d_C_comp_bleeding	Char	3	Bleeding
1242	d_C_comp_anemia	Char	3	Anemia
1243	d_C_comp_panc	Char	3	Pancreatitis
1244	d_C_comp_aki	Char	3	Acute renal injury/failure
1245	d_C_comp_ali	Char	3	Liver dysfunction/failure
1246	d_C_dx_hosp_image_chest	Char	24	Did patient have chest X-ray or chest CT during the admission?
1247	d_C_dx_hosp_image_cxr_cnt	Num	8	Total number of chest X-rays
1248	d_C_dx_hosp_image_cxr_res	Char	23	Airspace opacities on chest X-ray
1249	d_C_dx_hosp_image_cxr_eff	Char	3	Pleural effusion on chest X-ray
1250	d_C_dx_hosp_image_ct_cnt	Num	8	Total number of chest CTs
1251	d_C_dx_hosp_image_ct_res	Char	23	Airspace opacities on chest CT
1252	d_C_dx_hosp_image_ctabd_count	Num	8	Total number of abdominal or abdominal/pelvis CTs
1253	d_C_dx_hosp_image_tte_cnt	Num	8	Total number of formal echocardiograms (TEE or TTE) available for upload
1254	d_C_dx_hosp_image_pocus_cnt	Num	8	Total number of informal/point-of-care ultrasounds with stored images available (includes echocardiograms, lung ultrasound, and other informal point-of-care ultrasound)
1255	d_C_dx_hosp_image_ecg_cnt	Num	8	Total number of electrocardiograms (ECGs) available for upload
1256	d_C_dx_hosp_image_tele_cnt	Char	1	Total number of telemetry files for upload
1257	d_C_dx_micro_influenza	Char	12	Influenza
1258	d_C_dx_micro_influenza_type	Char	16	Influenza type
1259	d_C_dx_micro_othercorona	Char	12	Non-COVID coronavirus

Num	Variable	Type	Len	Label
1260	d_C_dx_micro_otherresp	Char	3	Other respiratory pathogens detected via molecular testing?
1261	d_C_dx_micro_resp_other__1	Char	9	What respiratory pathogens were detected? (choice=True-positive bacterial pulmonary culture)
1262	d_C_dx_micro_resp_other__2	Char	9	What respiratory pathogens were detected? (choice=True-positive fungal pulmonary culture)
1263	d_C_dx_micro_resp_other__3	Char	9	What respiratory pathogens were detected? (choice=Strep urine antigen)
1264	d_C_dx_micro_resp_other__4	Char	9	What respiratory pathogens were detected? (choice=Legionella urine antigen)
1265	d_C_dx_micro_resp_other__5	Char	9	What respiratory pathogens were detected? (choice=RSV)
1266	d_C_dx_micro_resp_other__6	Char	9	What respiratory pathogens were detected? (choice=Metapneumovirus)
1267	d_C_dx_micro_resp_other__7	Char	9	What respiratory pathogens were detected? (choice=Parainfluenza)
1268	d_C_dx_micro_resp_other__8	Char	9	What respiratory pathogens were detected? (choice=Adenovirus)
1269	d_C_dx_micro_resp_other__9	Char	9	What respiratory pathogens were detected? (choice=Rhinovirus)
1270	d_C_dx_micro_resp_other__10	Char	9	What respiratory pathogens were detected? (choice=Mycoplasma)
1271	d_C_dx_micro_resp_other__11	Char	9	What respiratory pathogens were detected? (choice=Chlamydia pneumoniae)
1272	d_C_dx_micro_resp_other__99	Char	9	What respiratory pathogens were detected? (choice=Other)
1273	d_C_dx_micro_resp_ex_bact	Char	3	True positive bacterial pulmonary culture?
1274	d_C_dx_micro_resp_ex_fungal	Char	3	True positive fungal pulmonary culture?
1275	d_C_dx_micro_resp_spec	Char	380	Specify culture(s) or other result
1276	d_C_dx_micro_hiv	Char	12	HIV test during admission
1277	d_C_dx_micro_urine	Char	3	True positive urine culture?
1278	d_C_dx_micro_blood	Char	3	True positive blood culture?
1279	d_C_dx_micro_other	Char	3	Other true-positive culture?
1280	d_C_dx_micro_cdifff	Char	3	C difficile assay positive
1281	d_C_meds_hosp_tot_exp	Char	3	Was a medication given as part of a research trial?
1282	d_C_meds_hosp_tot_exp_blind	Char	20	Was patient's treatment assignment blinded?
1283	d_C_meds_hosp_tot_exp_specb	Char	101	For blinded studies, list the treatment assignment possibilities/options.
1284	d_C_meds_hosp_tot_exp_specu	Char	75	For unblinded/open-label studies, list the treatment assignment patient received.
1285	d_C_meds_hosp_tot_hcq	Char	3	Hydroxychloroquine (plaquenil)
1286	d_C_meds_hosp_tot_remdesivir	Char	3	Remdesivir
1287	d_C_meds_hosp_tot_toci	Char	3	Tocilizumab (Actemra)
1288	d_C_meds_hosp_tot_other__0	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
1289	d_C_meds_hosp_tot_other__1	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
1290	d_C_meds_hosp_tot_other__2	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))
1291	d_C_meds_hosp_tot_other__3	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
1292	d_C_meds_hosp_tot_other__4	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)

Num	Variable	Type	Len	Label
1293	d_C_meds_hosp_tot_other__5	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)
1294	d_C_meds_hosp_tot_other__6	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
1295	d_C_meds_hosp_tot_other__7	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
1296	d_C_meds_hosp_tot_other__8	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
1297	d_C_meds_hosp_tot_other__9	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulimab (Kevzara))
1298	d_C_meds_hosp_tot_other__10	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
1299	d_C_meds_hosp_tot_other__11	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
1300	d_C_meds_hosp_tot_other__12	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)
1301	d_C_meds_hosp_tot_other__99	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
1302	d_C_meds_hosp_tot_other_oth	Char	86	List other medication(s) given to treat acute illness
1303	d_C_meds_hosp_tot_azithro	Char	3	Azithromycin
1304	d_C_meds_hosp_tot_otherabx	Char	3	Antibiotics other than azithromycin
1305	d_C_meds_hosp_tot_vteppx	Char	3	Prophylactic anticoagulation
1306	d_C_meds_hosp_tot_anticoag	Char	3	Therapeutic anticoagulation
1307	d_C_meds_hosp_tot_lytic	Char	3	Fibrinolytic (lytic) therapy
1308	d_C_meds_hosp_tot_nsaid	Char	3	NSAIDs (non-steroidal anti-inflammatory drugs)
1309	d_C_meds_hosp_tot_acei	Char	3	ACE inhibitors
1310	d_C_meds_hosp_tot_arb	Char	3	Angiotensin receptor blockers (ARBs)
1311	d_C_meds_hosp_tot_cs_yn	Char	3	Any steroids (oral, IV, or inhaled)
1312	d_C_meds_hosp_tot_cs_iv	Char	3	IV steroids
1313	d_C_meds_hosp_tot_cs_po	Char	3	Oral/enteric steroids
1314	d_C_meds_hosp_tot_cs_inh	Char	3	Inhaled steroids
1315	d_C_DIED	Char	3	YES if patient expired at hospital discharge or captured as a late death.
1316	d_C_dispo_death_cause	Char	27	Cause of death
1317	d_C_dispo_death_cause_other	Char	137	Other cause of death
1318	d_C_dispo_death_autopsy	Char	7	Was an autopsy performed?
1319	d_C_dispo_txlimit_yn	Char	7	Were there any limitations of life-sustaining therapy at the time of death?
1320	d_C_dispo_txlimit_icu__0	Char	9	Limitation on ICU transfer? Reason(s)? (choice=No limitations)
1321	d_C_dispo_txlimit_icu__1	Char	9	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to patient goals)
1322	d_C_dispo_txlimit_icu__2	Char	9	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to hospital policy)
1323	d_C_dispo_txlimit_icu__3	Char	9	Limitation on ICU transfer? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))

Num	Variable	Type	Len	Label
1324	d_C_dispo_txlimit_icu__8	Char	9	Limitation on ICU transfer? Reason(s)? (choice=Limitation for other reason)
1325	d_C_dispo_txlimit_icu__9	Char	9	Limitation on ICU transfer? Reason(s)? (choice=Limitation, reason unknown)
1326	d_C_dispo_txlimit_cpr__0	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=No limitations)
1327	d_C_dispo_txlimit_cpr__1	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to patient goals)
1328	d_C_dispo_txlimit_cpr__2	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to hospital policy)
1329	d_C_dispo_txlimit_cpr__3	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
1330	d_C_dispo_txlimit_cpr__8	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation for other reason)
1331	d_C_dispo_txlimit_cpr__9	Char	9	Limitation on CPR (e.g. DNR)? Reason(s)? (choice=Limitation, reason unknown)
1332	d_C_dispo_txlimit_vent__0	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=No limitations)
1333	d_C_dispo_txlimit_vent__1	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to patient goals)
1334	d_C_dispo_txlimit_vent__2	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to hospital policy)
1335	d_C_dispo_txlimit_vent__3	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
1336	d_C_dispo_txlimit_vent__8	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation for other reason)
1337	d_C_dispo_txlimit_vent__9	Char	9	Limitation on intubation (e.g. DNI)? Reason(s)? (choice=Limitation, reason unknown)
1338	d_C_dispo_txlimit_pressors__0	Char	9	Limitation on vasopressors? Reason(s)? (choice=No limitations)
1339	d_C_dispo_txlimit_pressors__1	Char	9	Limitation on vasopressors? Reason(s)? (choice=Limitation due to patient goals)
1340	d_C_dispo_txlimit_pressors__2	Char	9	Limitation on vasopressors? Reason(s)? (choice=Limitation due to hospital policy)
1341	d_C_dispo_txlimit_pressors__3	Char	9	Limitation on vasopressors? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
1342	d_C_dispo_txlimit_pressors__8	Char	9	Limitation on vasopressors? Reason(s)? (choice=Limitation for other reason)
1343	d_C_dispo_txlimit_pressors__9	Char	9	Limitation on vasopressors? Reason(s)? (choice=Limitation, reason unknown)
1344	d_C_dispo_txlimit_rrt__0	Char	9	Limitation on dialysis? Reason(s)? (choice=No limitations)
1345	d_C_dispo_txlimit_rrt__1	Char	9	Limitation on dialysis? Reason(s)? (choice=Limitation due to patient goals)
1346	d_C_dispo_txlimit_rrt__2	Char	9	Limitation on dialysis? Reason(s)? (choice=Limitation due to hospital policy)
1347	d_C_dispo_txlimit_rrt__3	Char	9	Limitation on dialysis? Reason(s)? (choice=Limitation due to MD decision (outside of crisis management))
1348	d_C_dispo_txlimit_rrt__8	Char	9	Limitation on dialysis? Reason(s)? (choice=Limitation for other reason)
1349	d_C_dispo_txlimit_rrt__9	Char	9	Limitation on dialysis? Reason(s)? (choice=Limitation, reason unknown)
1350	d_C_dispo_txlimit_cmo_yn	Char	3	Was patient placed on comfort-focused care or made comfort measures only prior to death?

Num	Variable	Type	Len	Label
1351	d_C_dispo_txlimit_cmo_date	Num	8	Day patient was placed on "comfort-focused care" or made "comfort measures only"
1352	d_C_dispo_function	Char	26	How does ability to self-care at discharge compare versus before illness?
1353	d_C_dispo_function_walk	Char	7	At discharge, patient able to walk independently (>50', use of gait aid permitted)?
1354	d_C_dispo_function_adls	Char	7	At discharge, patient able to perform ADLs independently?
1355	d_C_infect_pulm	Char	49	Did patient have a pulmonary infection?
1356	d_C_infect_nonpulm_yn__0	Char	9	Did patient have a non-pulmonary infection? (choice=None)
1357	d_C_infect_nonpulm_yn__2	Char	9	Did patient have a non-pulmonary infection? (choice=Urinary tract)
1358	d_C_infect_nonpulm_yn__3	Char	9	Did patient have a non-pulmonary infection? (choice=Intraabdominal, gastrointestinal, biliary)
1359	d_C_infect_nonpulm_yn__4	Char	9	Did patient have a non-pulmonary infection? (choice=CNS/meningitis)
1360	d_C_infect_nonpulm_yn__5	Char	9	Did patient have a non-pulmonary infection? (choice=Skin and soft tissue)
1361	d_C_infect_nonpulm_yn__6	Char	9	Did patient have a non-pulmonary infection? (choice=Primary bloodstream/endocarditis)
1362	d_C_infect_nonpulm_yn__7	Char	9	Did patient have a non-pulmonary infection? (choice=Osteoarticular (bones & joints, discitis))
1363	d_C_infect_nonpulm_yn__8	Char	9	Did patient have a non-pulmonary infection? (choice=Other specific non-pulmonary source)
1364	d_C_infect_nonpulm_yn__9	Char	9	Did patient have a non-pulmonary infection? (choice=Multiple non-pulmonary sources)
1365	d_C_infect_nonpulm_yn__10	Char	9	Did patient have a non-pulmonary infection? (choice=Non-pulmonary infection, source unclear)
1366	d_C_dispo_oxygen	Char	3	Discharged on new or increased nasal cannula, face mask, or high-flow oxygen therapy?
1367	d_C_dispo_oxygen_level	Char	13	Level of new oxygen support
1368	d_C_dispo_nippv	Char	3	Discharged on new or increased non-invasive positive pressure ventilation (NIPPV/BiPAP/CPAP) for ongoing respiratory support?
1369	d_C_dispo_vent	Char	3	Discharged on new mechanical ventilation?
1370	d_C_dispo_trach	Char	3	Discharged with a new tracheotomy?
1371	d_C_dispo_trach_level	Char	47	Level of support via tracheostomy
1372	d_C_dispo_dialysis	Char	3	Discharged on new dialysis?
1373	d_C_tx_hosp_tot_o2therapy	Char	3	Nasal cannula, face mask, or HFNC oxygen therapy
1374	d_C_tx_hosp_tot_o2flow	Char	7	Maximum O2 flow via NC, face mask, or HFNC
1375	d_C_tx_hosp_tot_o2mode__1	Char	9	Methods used to provide oxygen support (choice=Nasal cannula)
1376	d_C_tx_hosp_tot_o2mode__3	Char	9	Methods used to provide oxygen support (choice=Simple mask)
1377	d_C_tx_hosp_tot_o2mode__4	Char	9	Methods used to provide oxygen support (choice=Mask with reservoir)
1378	d_C_tx_hosp_tot_o2mode__2	Char	9	Methods used to provide oxygen support (choice=HFNC)
1379	d_C_tx_hosp_tot_nippv	Char	3	Non-invasive ventilation (e.g. BiPAP, CPAP)
1380	d_C_tx_hosp_tot_nippv_days	Num	8	Total days of inpatient NIPPV therapy up to and including day 28
1381	d_C_tx_hosp_tot_pressor	Char	3	Inotropes/vasopressors
1382	d_C_tx_hosp_tot_pressor_days	Num	8	Total days of inpatient vasopressor therapy up to and including day 28

Num	Variable	Type	Len	Label
1383	d_C_tx_hosp_tot_ecmo	Char	3	ECMO
1384	d_C_tx_hosp_tot_ecmo_days	Num	8	Total days on ECMO therapy up to and including day 28
1385	d_C_tx_hosp_tot_prone	Char	3	Prone positioning
1386	d_C_C_tx_hosp_tot_prone_days	Num	8	Total days of proning therapy up to and including day 28
1387	d_C_tx_hosp_tot_ino	Char	3	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
1388	d_C_tx_hosp_tot_ino_days	Num	8	Total days received inhaled pulmonary vasodilators up to and including day 28
1389	d_C_tx_hosp_tot_nmb	Char	3	Therapeutic neuromuscular blockade / therapeutic paralysis
1390	d_C_tx_hosp_tot_nmb_days	Num	8	Total days received therapeutic neuromuscular blockade up to and including day 28
1391	d_C_tx_hosp_tot_dialysis	Char	3	Renal replacement therapy / dialysis
1392	d_C_tx_hosp_tot_crrt	Char	3	Received continuous renal replacement therapy at any point during this admission
1393	d_C_symptom_onset_known	Char	3	Is the symptom onset date known?
1394	d_C_symptom_onset_date	Num	8	Onset day of first/earliest symptom
1395	d_C_SYMPTOM_ONSET_DAY	Num	8	Calendar days before hospital admission of onset of first/earliest symptom
1396	d_C_admit_transfer_yn	Char	33	Patient transferred from another facility?
1397	d_C_admit_transfer_admitdt	Num	8	Day first arrived at sending/referring facility
1398	d_C_ED_ARRIVAL_DT	Num	8	Study hospital ED arrival calendar day for ED visit leading to first hospital admission
1399	d_C_admit_dc_dt	Num	8	Hospital discharge/death day
1400	d_C_admit_dc_tm	Num	8	Hospital discharge/death time
1401	d_C_ADMIT_DC_DT_1	Num	8	Hospital discharge/death day
1402	d_C_DISPO	Char	46	Hospital disposition at discharge
1403	d_C_dispo_other	Char	44	Other hospital discharge
1404	d_C_HOSP_LOS	Num	8	Hospital length of stay in calendar days
1405	d_C_SUM28_OR_DISCH	Num	8	First of either hospital discharge day or day 28 of hospital admission
1406	d_C_DISCHARGE_BY_DAY28	Char	3	Patient discharged from study hospital on or before day 28 (YES/NO)
1407	d_C_DAY28_MORTALITY	Char	5	Day 28 mortality
1408	d_C_DAY60_MORTALITY	Char	5	Day 60 mortality
1409	d_C_TX_HOSP_TOT_ICU	Char	14	Did patient spend any time in an ICU or ICU step-down/intermediate care unit during this admission?
1410	d_C_TX_HOSP_TOT_ICU_CNT	Num	8	Number of times patient admitted to ICU during encounter
1411	d_C_TX_HOSP_TOT_ICU_END	Char	3	Was patient in ICU at time of hospital death or discharge?
1412	d_C_ICU_DATE_ADMIT1	Num	8	Day of first ICU admission
1413	d_C_ICU_DATE_DC1	Num	8	Day of first ICU discharge
1414	d_C_ICU_DATE_ADMIT2	Num	8	Day of second ICU admission
1415	d_C_ICU_DATE_DC2	Num	8	Day of second ICU discharge
1416	d_C_icu_date_admit3	Num	8	Day of third ICU admission
1417	d_C_icu_date_dc3	Num	8	Day of third ICU discharge

Num	Variable	Type	Len	Label
1418	d_C_icu_date_admit4	Char	1	Date of fourth ICU admission
1419	d_C_icu_date_dc4	Char	1	Date of FINAL ICU discharge
1420	d_C_ICU_LOS	Num	8	ICU length of stay in calendar days
1421	d_C_ICUDISCHARGE_BY_DAY28	Char	3	Patient discharged (dead or alive) from ICU on or before study day 28 (YES/NO; MISSING IF NEVER IN ICU)
1422	d_C_tx_hosp_tot_vent	Char	3	Invasive ventilation
1423	d_C_tx_hosp_tot_vent_cnt	Num	8	Number of episodes of mechanical ventilation during encounter
1424	d_C_tx_hosp_tot_vent_end	Char	3	Was patient on invasive mechanical ventilation at time of hospital death or discharge?
1425	d_C_INT_PTA	Char	3	Intubated before arrival at study hospital (YES)
1426	d_C_tx_hosp_intub1_date	Num	8	Day of first intubation
1427	d_C_tx_hosp_extub1_date	Num	8	Day of first extubation
1428	d_C_tx_hosp_intub2_date	Num	8	Day of second intubation
1429	d_C_tx_hosp_extub2_date	Num	8	Day of second extubation
1430	d_C_tx_hosp_intub3_date	Num	8	Day of third intubation
1431	d_C_tx_hosp_extub3_date	Num	8	Day of third extubation
1432	d_C_tx_hosp_intub4_date	Char	1	Date of fourth intubation
1433	d_C_tx_hosp_extub4_date	Char	1	Date of FINAL extubation
1434	d_C_DMV_IN_HOSP	Num	8	Days of mechanical ventilation in hospital
1435	d_C_date_dly	Num	8	Day of assessment
1436	d_C_ICU_IMCU_FLOOR	Char	5	Patient in ICU or IMCU on calendar day (ICU/IMCU/FLOOR)
1437	d_C_tx_hosp_inpt_dly	Char	3	Was patient in the hospital at any point on this study day?
1438	d_C_tx_hosp_death_dly	Char	3	Is patient known to have died on or before this date?
1439	d_C_vs_hosp_temp_dly	Num	8	Temperature (>C)
1440	d_C_vs_hosp_hr_dly	Num	8	Heart rate
1441	d_C_vs_hosp_rr_dly	Num	8	Respiratory rate
1442	d_C_vs_hosp_sbp_dly	Num	8	Systolic blood pressure
1443	d_C_vs_hosp_dbp_dly	Num	8	Diastolic blood pressure
1444	d_C_vs_hosp_map_dly	Num	8	Mean arterial pressure
1445	d_C_vs_hosp_map_l_dly	Num	8	Lowest MAP
1446	d_C_vs_hosp_o2sat_dly	Num	8	Oxygen saturation
1447	d_C_vs_hosp_fio2_dly	Num	8	FiO2 at time of oxygen sat.
1448	d_C_vs_hosp_gcs_avail_dly	Char	3	Was GCS explicitly documented?
1449	d_C_vs_hosp_gcs_dly	Num	8	GCS
1450	d_C_vs_hosp_gcs_l_dly	Num	8	Lowest GCS
1451	d_C_vs_hosp_rass_dly	Num	8	RASS
1452	d_C_vs_hosp_cam_dly	Char	22	CAM status
1453	d_C_tx_hosp_rrt_dly	Char	68	Renal replacement therapy / dialysis
1454	d_C_vs_hosp_netoutput_dly	Num	8	24-hour total output (mL)

Num	Variable	Type	Len	Label
1455	d_C_vs_hosp_netintake_dly	Num	8	24-hour total intake (mL)
1456	d_C_lab_hosp_wbc_dly	Num	8	WBC
1457	d_C_lab_hosp_lymph_dly	Num	8	Lymphocyte count
1458	d_C_lab_hosp_platelet_dly	Num	8	Platelets
1459	d_C_lab_hosp_platelet_l_dly	Num	8	Lowest platelets
1460	d_C_lab_hosp_hct_dly	Num	8	Hematocrit
1461	d_C_lab_hosp_hgb_dly	Num	8	Hemoglobin
1462	d_C_lab_hosp_lactate_dly	Num	8	Lactate
1463	d_C_lab_hosp_inr_dly	Num	8	INR
1464	d_C_lab_hosp_ast_dly	Num	8	AST
1465	d_C_lab_hosp_alt_dly	Num	8	ALT
1466	d_C_lab_hosp_bili_dly	Num	8	Total bilirubin
1467	d_C_lab_hosp_bili_h_dly	Num	8	Highest total bilirubin
1468	d_C_lab_hosp_alb_dly	Num	8	Albumin
1469	d_C_lab_hosp_k_dly	Num	8	Potassium
1470	d_C_lab_hosp_hco3_dly	Num	8	Serum bicarbonate (HCO ₃)
1471	d_C_lab_hosp_bun_dly	Num	8	BUN
1472	d_C_lab_hosp_cr_dly	Num	8	Creatinine
1473	d_C_lab_hosp_cr_h_dly	Num	8	Highest creatinine
1474	d_C_lab_hosp_pct_dly	Num	8	Procalcitonin
1475	d_C_lab_hosp_crp_dly	Num	8	CRP
1476	d_C_lab_hosp_ldh_dly	Num	8	LDH
1477	d_C_lab_hosp_ck_dly	Num	8	CK
1478	d_C_lab_hosp_trop_dly	Num	8	Troponin
1479	d_C_lab_hosp_bnp_dly	Num	8	BNP
1480	d_C_lab_hosp_ddimer_dly	Num	8	D-dimer
1481	d_C_lab_hosp_ferritin_dly	Num	8	Ferritin
1482	d_C_lab_hosp_il6_dly	Num	8	IL-6
1483	d_C_lab_hosp_pao2_dly	Num	8	PaO ₂
1484	d_C_lab_hosp_fio2_dly	Num	8	FiO ₂ at time of PaO ₂
1485	d_C_lab_hosp_ph_dly	Num	8	pH at time of PaO ₂
1486	d_C_lab_hosp_paco2_dly	Num	8	PaCO ₂ at time of PaO ₂
1487	d_C_lab_hosp_pao2_l_dly	Num	8	Lowest PaO ₂
1488	d_C_lab_hosp_pf_l_dly	Num	8	FiO ₂ accompanying lowest PaO ₂ .
1489	d_C_lab_hosp_sao2_l_dly	Num	8	Lowest O ₂ sat (%)
1490	d_C_lab_hosp_sf_l_dly	Num	8	FiO ₂ accompanying lowest O ₂ sat
1491	d_C_dx_ecg_yn_dly	Char	3	Did patient have an electrocardiogram (ECG) during the calendar day?
1492	d_C_dx_ecg_qtc_dly	Num	8	QTc duration (ms)
1493	d_C_tx_hosp_o2therapy_dly	Char	3	Nasal cannula, face mask, or HFNC oxygen therapy

Num	Variable	Type	Len	Label
1494	d_C_tx_hosp_o2flow_dly	Char	7	Maximum O2 flow via NC, face mask, or HFNC
1495	d_C_tx_hosp_o2mode_dly	Char	19	Most intense method used to give support
1496	d_C_tx_hosp_nippv_dly	Char	3	Non-invasive ventilation (e.g. BiPAP, CPAP)
1497	d_C_tx_hosp_vent_dly	Char	3	Invasive ventilation
1498	d_C_tx_hosp_pressor_dly	Char	3	Inotropes/vasopressors
1499	d_C_tx_hosp_pressor_dose_dly	Char	86	Dose of vasopressors/inotropes
1500	d_C_tx_hosp_ecmo_dly	Char	3	ECMO
1501	d_C_tx_hosp_ino_dly	Char	3	Treated with inhaled pulmonary vasodilators (nitric oxide [iNO] or epoprostenol [Flolan])
1502	d_C_tx_hosp_nmb_dly	Char	3	Therapeutic neuromuscular blockade / therapeutic paralysis
1503	d_C_tx_hosp_prone_dly	Char	3	Prone positioning
1504	d_C_tx_hosp_vent_dly_mode	Char	45	Ventilator mode
1505	d_C_tx_hosp_vent_dly_vtset	Num	8	Set tidal volume (mL)
1506	d_C_tx_hosp_vent_dly_pcset	Num	8	Set inspiratory pressure (cmH2O)
1507	d_C_tx_hosp_vent_dly_psset	Num	8	Pressure support set (cmH2O)
1508	d_C_tx_hosp_vent_dly_vtact	Num	8	Actual tidal volume (mL)
1509	d_C_tx_hosp_vent_dly_peak	Num	8	Peak pressure (cmH2O)
1510	d_C_tx_hosp_vent_dly_plateau	Num	8	Plateau pressure (cmH2O)
1511	d_C_tx_hosp_vent_dly_rrset	Num	8	Set respiratory rate (RR)
1512	d_C_tx_hosp_vent_dly_rractual	Num	8	Actual/total respiratory rate (RR)
1513	d_C_tx_hosp_vent_dly_ve	Num	8	Total minute ventilation
1514	d_C_tx_hosp_vent_dly_peep	Num	8	Positive end-expiratory pressure (PEEP, cmH2O)
1515	d_C_tx_hosp_vent_dly_fio2	Num	8	FiO2
1516	d_C_tx_hosp_vent_dly_o2sat	Num	8	O2 sat (%)
1517	d_C_tx_hosp_vent_dly_ieset	Num	8	Set I:E ratio
1518	d_C_tx_hosp_vent_dly_ieact	Num	8	Actual I:E ratio
1519	d_C_meds_hosp_hcq_dly	Char	3	Hydroxychloroquine (plaquenil)
1520	d_C_meds_hosp_remdesivir_dly	Char	3	Remdesivir
1521	d_C_meds_hosp_toci_dly	Char	3	Tocilizumab (Actemra)
1522	d_C_meds_hosp_other_dly__0	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=None)
1523	d_C_meds_hosp_other_dly__1	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Chloroquine)
1524	d_C_meds_hosp_other_dly__2	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Lopinavir/ritonavir (Kaletra))
1525	d_C_meds_hosp_other_dly__3	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other HIV protease inhibitor)
1526	d_C_meds_hosp_other_dly__4	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon alpha)
1527	d_C_meds_hosp_other_dly__5	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Interferon beta)

Num	Variable	Type	Len	Label
1528	d_C_meds_hosp_other_dly__6	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Ribavirin)
1529	d_C_meds_hosp_other_dly__7	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Oseltamivir (Tamiflu))
1530	d_C_meds_hosp_other_dly__8	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Baloxavir)
1531	d_C_meds_hosp_other_dly__9	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Sarulimab (Kevzara))
1532	d_C_meds_hosp_other_dly__10	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Anakinra (Kinaret))
1533	d_C_meds_hosp_other_dly__11	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=IV vitamin C)
1534	d_C_meds_hosp_other_dly__12	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Transfusion of convalescent plasma)
1535	d_C_meds_hosp_other_dly__99	Char	9	Other medication(s) relevant for targeted COVID-19 treatment (choice=Other)
1536	d_C_meds_hosp_other_oth_dly	Char	129	List other medication(s) given to treat acute illness
1537	d_C_meds_hosp_azithro_dly	Char	3	Azithromycin
1538	d_C_meds_hosp_abx_dly	Char	3	Antibiotics other than azithromycin
1539	d_C_meds_hosp_sedatives_dly__0	Char	9	Sedatives used for patient while on ventilator (choice=None)
1540	d_C_meds_hosp_sedatives_dly__1	Char	9	Sedatives used for patient while on ventilator (choice=Propofol)
1541	d_C_meds_hosp_sedatives_dly__2	Char	9	Sedatives used for patient while on ventilator (choice=Dexmedetomidine (Precedex))
1542	d_C_meds_hosp_sedatives_dly__3	Char	9	Sedatives used for patient while on ventilator (choice=Benzodiazepine (continuous infusion))
1543	d_C_meds_hosp_sedatives_dly__4	Char	9	Sedatives used for patient while on ventilator (choice=Benzodiazepine (intermittent bolus))
1544	d_C_meds_hosp_sedatives_dly__5	Char	9	Sedatives used for patient while on ventilator (choice=Ketamine)
1545	d_C_meds_hosp_sedatives_dly__9	Char	9	Sedatives used for patient while on ventilator (choice=Other)
1546	d_C_meds_hosp_vteppx_dly	Char	3	Prophylactic anticoagulation
1547	d_C_meds_hosp_anticoag_dly	Char	3	Therapeutic anticoagulation
1548	d_C_meds_hosp_lytic_dly	Char	3	Fibrinolytic (lytic) therapy
1549	d_C_meds_hosp_nsaid_dly	Char	3	NSAIDs (non-steroidal anti-inflammatory drugs)
1550	d_C_meds_hosp_acei_dly	Char	3	ACE inhibitors
1551	d_C_meds_hosp_arb_dly	Char	3	Angiotensin receptor blockers (ARBs)
1552	d_C_meds_hosp_diuretic_dly	Char	3	Diuretics
1553	d_C_meds_hosp_cs_yn_dly	Char	3	Any steroids (oral, IV, or inhaled)
1554	d_C_meds_hosp_cs_iv_dly	Char	3	IV steroids
1555	d_C_meds_hosp_cs_po_dly	Char	3	Oral/enteric steroids
1556	d_C_meds_hosp_cs_inh_dly	Char	3	Inhaled steroids
1557	d_C_meds_hosp_cs_pred_dly	Num	8	Total prednisone administered (in mg) during 24h period
1558	d_C_meds_hosp_cs_mp_dly	Num	8	Total methylprednisolone (Solumedrol, Medrol) administered (in mg) during 24h period

Num	Variable	Type	Len	Label
1559	d_C_meds_hosp_cs_hct_dly	Num	8	Total hydrocortisone administered (in mg) during 24h period
1560	d_C_meds_hosp_cs_dex_dly	Num	8	Total dexamethasone (Decadron) administered (in mg) during 24h period
1561	d_C_meds_hosp_cs_plone_dly	Num	8	Total prednisolone administered (in mg) during 24h period