Case Record Form

Active Form Groups: COVID-CVD – v4.5

Patient ID:		Bold Question = Required
DEMOGRAPHICS		Demographics Tab
Sex	O Male O Female O Unknown	
Date of Birth:		Age:
Zip Code:		Homeless: □
Payment Source RACE AND ETHNICITY	□ Medicare Title 18 □ Medicaid − Private/ HMO/ PPO/ Other □ Self Pay/ No Insurance □ Medicaid Title 19 □ Private/ HMO/ PPO/ C □ Other/ Not Documente	
Race (Select all that apply):	☐ Asian ☐ Native H [if Asian selected] ☐ Asian Indian [if Native H ☐ Chinese ☐ Filipino ☐ Japanese ☐ Korean ☐ Vietnamese ☐ White ☐ Other Asian ☐ UTD	African American awaiian or Pacific Islander lawaiian or Pacific Islander selected] Native Hawaiian Guamanian or Chamorro Samoan Other Pacific Islander
Hispanic Ethnicity:	O Yes O No/UTD	
If Yes,	O Mexican, Mexican American, Chicano/a O Cuban O Cuban	can ispanic, Latino or Spanish Origin
ADMIN		Admin Tab
Arrival Date/Time:	O MM/DD/YYYY/::: O Unknown	Admission Date:
Discharge Date/Time:	/::	YYY only
Was patient declared Do Not Resuscitation (DNR) at any time during this admission? Date/Time of DNR order	O Yes O No/ND O MM/DD/YYY	Y only
Date/Time of Divix order	O Unknown	
What was the patient's discharge disposition on the day of discharge?	 □ 1 - Home □ 2 - Hospice - Home □ 3 - Hospice - Health Care Facility □ 4 - Acute Care Facility □ 5 - Other Health Care Facility □ 6 - Expired □ 7 - Left Against medical Advice / AMA □ 8 - Not Documented or Unable to Determine (UTD) 	
If Other Health Care Facility	O Inpatient Rehabilitation Facility (IRF) O Intermediate Care facility (ICF) O Long Term Care Hospital (LTCH)	O Skilled Nursing Facility (SNF)O Other
Was patient placed on Comfort Measures Only at any time during this admission?	O Yes O No/ND	
Date of comfort measures only	/O Unkn	own
ARRIVAL AND ADMISSION INFO		Admission Tab
Means of Transport to your Facility:		rom another hospital O ND or Unknown
MEDICAL HISTORY		

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Past Medical History:	O Atrial Fibriliation Cancer Chronic Kidney Disease
Influenza Vaccination	 Influenza vaccine was given during this hospitalization during the current flu season Influenza vaccine was received prior to admission during the current flu season, not during this hospitalization Documentation of patient's refusal of influenza vaccine Allergy/ sensitivity to influenza vaccine or if medically contraindicated Vaccine not available None of the above/ Not documented/ UTD
COVID-19 Vaccination	 COVID-19 vaccine was given during this hospitalization COVID-19 vaccine was received prior to admission, not during this hospitalization Documentation of patient's refusal of COVID-19 vaccine Allergy/ sensitivity to COVID-19 vaccine or if medically contraindicated Vaccine not available None of the above/ Not documented/ UTD
COVID-19 Vaccination Date	/ O Unknown
COVID-19 Vaccination Date Not Documented	
Is there documentation that this patient was included in a COVID-19 vaccine trial? DIAGNOSIS & EVALUATION	O Yes O No/ND
COVID-19 Diagnosis	O Yes, prior to admission O Yes, after discharge O Yes, during hospitalization O Unknown/ND
Method of diagnosis:	O Clinical diagnosis using hospital Specific criteria O RT-PCR test O IgM antibody test
Date of dx	/
Date of COVID-19 symptom	□ Unknown
onset? Documented Symptoms	Confusion or Altered Mental Status Fatigue Headache Myalgia Nausea, Vomiting, or Diarrhea Sore Throat Not Documented Cough Fever/ Chills Loss of Sense of Smell/ Taste Nasal Congestion Shortness of Breath Other:
Presence of interstitial infiltrates on initial Chest X-ray or CT	O Yes O No O ND
During admission, was this patient enrolled in a clinical trial related to COVID-19?	O Yes O No/ND
Was Influenza testing performed during this hospitalization?	O Yes O No O ND

Case Record Form Active Form Groups: COVID-CVD – v4.5

Influenza Rapid Ag Results	0	Positive	0	Negative	(C	Not Done			
Influenza PCR Results	0	Positive	0	Negative	()	Not Done			
If Positive, Influenza Type		Type A Type UTD								
MEDICATION PRIOR TO ADMISSI Medications prescribed or taking		f admission:								
Anti-hypertensive		res		O N	o/ND					
Anti-hypertensive Tx (Select all that apply)	☐ Ace ☐ ARE	Inhibitors) _] _ 1 _	CA++ Ch Diuretics MRA	6	nel Blockers ypertensive med			
ACEI administered during hospitalization	0,	Yes	С	No		0	ND			
ARB administered during hospitalization	0,	Yes	О	No		0	ND			
ARNI administered during hospitalization	0,	Yes	0	No		0	ND			
Lipid Lowering Therapy	0,	Yes	0	No/ND						
Lipid lowering therapy (Select all that apply)	□ Eze			☐ PCSK 9 ir ☐ Other lipid		ng m	ned			
Antiplatelet	0	Yes	С	No/ND						
Antiplatelet Tx (Select all that apply)		pirin 2Y12 Inhibitors		Other Anti	platelet					
Anticoagulant	0			0	No/ND)				
Anticoagulant Tx (Select all that apply)		rect Thrombin Inh actor Xa Inhibitor	ibitor				arfarin :her Anticoagulant	t		
Anti-hyperglycemic	0	Yes		C	No/N	ND				
Anti-hyperglycemic Tx (select all that apply)	☐ SGI ☐ Oth ☐ GLI	P-4 Inhibitors LT2 inhibitor er injectable/ subc P-1 receptor agoni fonylurea		eous agent		Met	ulin azolidinedione formin er oral agents			
Corticosteroid	O Or	al O	ln	haled	0 1	Non	e/ND			
Immunosuppressive medications (other than steroids)	0	Yes C	N	o/ND						
Chemo or biological treatment for cancer	0	Yes C	N	o/ND						
Hydroxychloroquine	0	Yes C	N	o/ND						
HOSPITALIZATION								Но	spitalization Tab	
During this admission: If	multiple	events, record D	ate/1	ime of first	episode	<u>).</u>				
Documentation of Presenting EKG	0 Y	′es O	No/I	ND						
Rhythm	0 8	Sinus O		al fibrillation	0) /	Atrial flutter	С	Other	
QTC Value		ms O eft Bundle Branch	Not	Documented						
EKG abnormalities	bl □ R	ock ight Bundle Branc ock	h		Segmen Segmen		epression Devation Devation		of the above ocumented	

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Sustained ventricular arrhythmias	O Yes O No/ND	
Date/Time of sustained ventricular arrythmia	::O MM/DD/YYYY only	O Unknown
Atrial Fibrillation	O Yes O No/ND	
Date/Time of A-Fib		O Unknown
Heart block requiring a temporary or permanent pacemaker	O Yes O No/ND	
Date/Time of HB intervention		O Unknown
Acute Myocardial Infarction (AMI):	O STEMI O NSTEMI O No/ND	
STEMI reperfusion	O Prim ary O Fibrinolytic therapy O No reperfusion therapy PCI	
NSTEMI type	O Type O Type 2 (demand-related) MI O ND	
Date/time of AMI	O MM/DD/YYYY only	O Unknown
Percutaneous Coronary Intervention (PCI)	O Yes O No/ND	
Date/Time of PCI		O Unknown
LVEF assessment:	O Yes O No/ND	
Date of LVEF assessment		O Unknown
EF – Quantitative (%)	% O Not Documented	
Is there documentation of an LVEF assessment within the last year?	O Yes O No/ND	
Last Known EF	% O Not Documented	
Coronary Angiogram	O Yes O No/ND	
Coronary Anglogram	5 13712	
Angiogram type	O Invasive (cath) O CTA O ND	
	O Invasive (cath) O CTA O ND O 0 O 2 O Left main CAD	
Angiogram type Number of vessels with <u>> 50</u> %	O Invasive (cath) O CTA O ND O 0 O 2 O Left main CAD	O Unknown
Angiogram type Number of vessels with <u>> 50%</u> stenosis	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented	O Unknown
Angiogram type Number of vessels with <u>> 50%</u> stenosis Date/Time of cardiac angiogram	O Invasive (cath) O CTA O ND O 0 O 2 O Left main CAD O 1 O ≥3 O Not Documented	O Unknown
Angiogram type Number of vessels with > 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented	O Unknown
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply)	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented	O Unknown
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented	O Unknown O Unknown
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply) Date/Time of mechanical	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented	
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply) Date/Time of mechanical circulatory support	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented — J	O Unknown
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply) Date/Time of mechanical circulatory support Date of Inotropes/Vasopressors	○ Invasive (cath) ○ CTA ○ ND ○ 0 ○ 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented — J	O Unknown
Angiogram type Number of vessels with ≥ 50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply) Date/Time of mechanical circulatory support Date of Inotropes/Vasopressors New-onset heart failure	○ Invasive (cath) ○ CTA ○ ND ○ 0 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented — J	O Unknown
Angiogram type Number of vessels with ≥50% stenosis Date/Time of cardiac angiogram In-hospital Shock Shock type Shock Management (select all that apply) Date/Time of mechanical circulatory support Date of Inotropes/Vasopressors New-onset heart failure Specify HF:	○ Invasive (cath) ○ CTA ○ ND ○ 0 2 ○ Left main CAD ○ 1 ○ ≥3 ○ Not Documented — J	O Unknown O Unknown

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Date of Myocarditis		O Unknown
Deep Vein Thrombosis (DVT)	O Yes	O No/ND
Date of DVT diagnosis		O Unknown
Pulmonary Embolus (PE)	O Yes	O No/ND
Date of PE diagnosis		O Unknown
Intracardiac Thrombus	O Yes	O No/ND
Date of Intracardiac thrombus diagnosis		O Unknown
Acute Limb Ischemia	O Yes	O No/ND
Date of Acute Limb Ischemia		O Unknown
Clinical bleeding requiring transfusion	O Yes	O No/ND
Date of transfusion		O Unknown
New Hemodialysis or CRRT	O Yes	O No/ND
Date of New hemodialysis		O Unknown
Was hemodialysis or CRRT still required at discharge?	O Yes	O No/ND
Ischemic stroke / intracranial hemorrhage	O Yes	O No/ND
Initial NIH Stroke Scale	0	O Not Documented
Imaging	O CT	O MRI O Not Documented
Imaging shows acute stroke?	O Yes	O No/ND
Stroke treatment	,	☐ Thrombectomy ☐ None/ND
Stroke or intracranial hemorrhage type:	☐ Ischemic Stroke ☐ Transient Ischemic Attac ☐ Subarachnoid Hemorrha ☐ Subdural / epidural Hem	age
Date of stroke diagnosis		O Unknown
Seizure	O Yes	O No/ND
Date of seizure		O Unknown
Cardiac Arrest (Code Blue, CPR) First documented pulseless rhythm	O Yes O Asystole O Pulseless Electrical Acti O Pulseless Ventricular Ta	
Date/Time of cardiac arrest	:_	O MM/DD/YYYY O Unknown
Cause of death documented		O No/ND
Cause of death:	O Arrhythmia	O Respiratory O Stroke O Other
Date of death		O Unknown
PULMONARY / CRITICAL CARE		
Was this patient managed in an ICU	O Yes	O No/ND
Date Transferred to ICU		O Unknown

Case Record Form Active Form Groups: COVID-CVD – v4.5

Date T	ransferred o	out of ICU		_/		_			0	Unknown	
During this h the patient in on mechanic	tubated or	placed	0	Yes			O No/NE	D			
Date m	nechanical v	ventilation initiated		_/					0	Unknown	
Date n	nechanical v			_/					0	Unknown	
Mechanical	ventilation of	continued	Г								
	at o position us echanical ve		0				O No/NE)			
First blood g			l ubation:	:							
F	PHP	PH ND			PaCO2	l PaCO	mmHg 2 ND			PaO2	mmHg □ PaO2 ND
HCC	D3 HC				SpO2	☐ SpO2	% 2 ND			FiO2	□ FiO2 ND
Was V-V ECN	/IO perform	ied	C) Yes			O No/NE	D	I		
Date	e V-V ECMO	O initiated							0	Unknown	
Date V	-V ECMO te	erminated		/					0	Unknown	
VITALS (Adm	nission)										
Height _			In □	ND	Weight (Adm	nission)				O lbs O kgs	1 ND
Temperature		Heart R	ate:	Blo	od Pressure:	Respi	ratory Rate	e:		SpO2:	O Room air
	□ C _ □ F		bpm		/		bpm			%	O Supplemental O2
Tames ND											Unknown
☐ Temp ND		□ HR	ND	[□ BP ND		RR ND			SpO2 ND	
☐ Temp ND ADMISSION]	□ BP ND	0			g/L		Admission Labs Tab O Unavailable
•	LABS				BP ND		RR ND	0			Admission Labs Tab
•	Hemoglo				BP ND	0	RR ND	0	g/L		Admission Labs Tab O Unavailable
•	Hemoglo WBC Platelet:		ND		BP ND	0	g/dL K/uL	0	g/L		Admission Labs Tab O Unavailable O Unavailable
•	Hemoglo WBC Platelet: Absolute	bbin:	ND		BP ND	0 0	g/dL K/uL	0	g/L		Admission Labs Tab O Unavailable O Unavailable O Unavailable
•	Hemoglo WBC Platelet: Absolute count: Serum C	bbin:	ND		BP ND	0 0	g/dL K/uL K/uL X10 ⁹	0	g/L mcL		Admission Labs Tab O Unavailable O Unavailable O Unavailable O Unavailable
•	Hemoglo WBC Platelet: Absolute count: Serum C (SCr)	bbin:	ND		BP ND	0 0 0	g/dL K/uL K/uL X10 ⁹ mg/dL	0	g/L mcL		Admission Labs Tab O Unavailable O Unavailable O Unavailable O Unavailable O Unavailable
ADMISSION	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST	e lymphocy reatinine	ND		BP ND	0 0 0	g/dL K/uL K/uL X109 mg/dL u/L	0	g/L mcL		Admission Labs Tab O Unavailable
ADMISSION	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT	e lymphocy reatinine	ND		BP ND	0 0 0 0	g/dL K/uL K/uL X109 mg/dL u/L u/L	0	g/L mcL		Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum Ci (SCr) AST ALT Total Bili	e lymphocy reatinine rubin	ND		BP ND	0 0 0 0	g/dL K/uL K/uL X10 ⁹ mg/dL u/L u/L mg/dL	0 0	g/L mcL µmol/L		Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT Total Billi Bicarbon	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X10 ⁹ mg/dL u/L u/L mg/dL mEq/1	0 0	g/L mcL µmol/L mmol/L	SpO2 ND	Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT Total Bili Bicarbon	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X10° mg/dL u/L u/L mg/dL mEq/1 ng/mL	0 0	g/L mcL µmol/L mmol/L ug/L	SpO2 ND	Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT Total Bili Bicarbon Troponin	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X10° mg/dL u/L u/L mg/dL mEq/1 ng/mL pg/mL	0 0 0 0 0	g/L mcL	SpO2 ND	Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum Ci (SCr) AST ALT Total Bilii Bicarbon Troponin NT-proBl BNP	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X109 mg/dL u/L u/L mg/dL mEq/1 ng/mL pg/mL	0 0 0 0 0	g/L mcL	SpO2 ND	Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT Total Billi Bicarbon Troponin NT-proBl BNP Ferritin	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X109 mg/dL u/L u/L mg/dL mEq/1 ng/mL pg/mL pg/mL ng/mL	0 0 0 0 0 0	g/L mcL µmol/L mmol/L ug/L ng/L pmol/L	SpO2 ND O ng/L O ng/L	Admission Labs Tab O Unavailable
ADMISSION Labs (Closest to	Hemoglo WBC Platelet: Absolute count: Serum C (SCr) AST ALT Total Billi Bicarbon Troponin NT-proBl BNP Ferritin CRP	e lymphocy reatinine frubin	ND		BP ND		g/dL K/uL K/uL X10° mg/dL u/L u/L mg/dL mEq/1 ng/mL pg/mL pg/mL ng/mL mg/L	0 0 0 0 0 0	g/L mcL	SpO2 ND O ng/L O ng/L	Admission Labs Tab O Unavailable O Unavailable

	Hemoglobin A1C				0 %					0 (Jnavailable	
SERIAL LABS		h walua fa	u 4la a .a.		din a laba in th		liaal waaa	al if a	واطوائوه	Cliele "	Serial Lab	
	e and the first reported lal les for subsequent days o											e" to
	labs were NOT performed											
	Date:		_/									
•	Troponin				O ng/mL	C	O ug/L	0	ng/L			
•	NT-proBNP				O pg/mL	С	ng/L					
•	BNP				O pg/mL	С) pmol/L	0 1	ng/L			
	Ferritin				O ng/mL							
Serial Labs (Repeat	CRP				O mg/L	С	ng/L	0	mg/dL			
labs):	Lymphocyte count				O X10 ⁹							
	Procalcitonin				O μg/L	О	ng/mL					
	IL6				O pg/mL	C	O ng/mL					
_	Serum Creatinine (SCr)				O mg/dL	C) µmol/L					
	D-dimer				O ng/mL	C	O <mark>mg/L</mark>	0	ug/mL			
MEDICATION											ications Tak)
During this ho	ospitalization, was the pat		ed with				ions? (En	ter Dat	e of first	Adminis	stration)	
hospitalization		O Yes		O No	C	NC						
	Date: Corticosteroids	/_	/		[□ Ur	nknown					
Immunoglobu hospitalization		O Yes		O No	C	NC						
	Date: Immunoglobulins	/_	/		[□ Ur	nknown					
Convalescent hospitalization	serum during n?	O Yes		O No	C	NC						
[Date: Convalescent serum	/_	/_		[⊐ Ur	nknown					
Ritonavir/lopin	-	O Yes		O No	C	NC						
	Date: Ritonavir/lopinavir	/_	/]	□ Ur	nknown					
Hydroxychlor hospitalization	oquine during n?	O Yes		O No	C	NC						
	Date: Hydroxychloroquine	/_	/]	□ Ur	nknown					
Azithromycin	during hospitalization?	O Yes		O No	C	NC						
	Date: Azithromycin	/_	/]	□ Ur	nknown					
Remdesivir du	uring hospitalization?	O Yes		O No		NC						
	Date: Remdesivir	/_	/		[□ Ur	nknown					
Tocilizumab d	luring hospitalization?	O Yes		O No	C	NC						
	Date: Tocilizumab	/_	/		[□ Ur	nknown					
Other 1 (not lis	ted):											
	Date: Other 1	/_	/			□ Ur	nknown					
Other 2 (not lis	ted):		·									
	Date: Other 2	/	/		[□ Ur	nknown					

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Other 3 (not listed):		
Date: Other 3	/	□ Unknown
ANTICOAGULATION		
During this hospitalization, was the pa	tient treated with any of the follow	ring anticoagulants? (Enter Date of first administration)
Sub-Q Unfractionated Heparin	O Yes O No	ONC
Date: Sub-Q UFH	/	□ Unknown
Parenteral Unfractionated Heparin	O Yes O No	ONC
Date: Parenteral UFH	/	□ Unknown
Sub-Q LMWH Low Dose	O Yes O No	ONC
Date: Sub-Q LMWH Low Dose	/	□ Unknown
Sub-Q LMWH Intermediate Dose	O Yes O No	ONC
Date: Sub-Q LMWH Intermediate Dose		□ Unknown
Sub-Q LMWH Full Therapeutic Dose	O Yes O No	ONC
Date: Sub-Q LMWH Full Therapeutic Dose		□ Unknown
Argatroban	O Yes O No	ONC
Date: Argatroban		□ Unknown
Bivalirudin	OYes ONo	ONC
Date: Bivalirudin		□ Unknown
DOAC	O Yes O No	ONC
Specify DOAC given	(1 - 7	O dabigatran (Pradaxa) O Not Documented
Detai DOAC	O edoxaban (Savaysa)	O rivaroxaban (Xarelto)
Date: DOAC		□ Unknown
Warfarin	O Yes O No	ONC
Date: Warfarin		□ Unknown
Anticoagulant at Discharge: Was the patient discharged on an		
anticoagulant	O Yes O No	O NC
If yes, select anticoagulant prescribed	O Direct Thrombin Inhibitor O Factor Xa Inhibitor O warfarin O Other Anticoagulant	
SOCIAL DETERMINANTS OF HEALTH		Social Determinants of Health Tab
During this admission, was a standardized health related social needs form or assessment completed?	O Yes O No/ND	
If Yes, identify the areas of unmet social need. Select all that apply.	☐ Living Situation/ Housing ☐ Food ☐ Utilities ☐ Personal Safety ☐ Financial Strain	□ Employment □ Education □ Mental Health □ Substance Use □ Transportation Barriers