Multisystem Inflammatory Syndrome in Children Associated with SARS-CoV-2 Infection Case Report Form

		Associate			•			
Patient Fire	st Name:	Patient	Last Name:	Patier	nt/Guardian Pho	one#:		
Patient Ad	dress:		City:	State	:	Zip:		
Abstractor r	name:	Facil	ity name:	Т	elephone:	Date of abstraction:		
SECTIO	0N 1 – MIS-	C INCLUSION CRITER	AIA					
1. Did tl	he patient m	eet all inclusion criteria f	or case ascertainment?	Yes	No			
1.1	Age <21 ye	ears						
1.2	Subjective	or documented fever (≥38	.0°C)					
1.3	Illness with	clinical severity requiring	nospitalization or resulting i	n death				
1.4	A more like	ly alternative diagnosis is	not present					
1.5	C-reactive	protein ≥3.0 mg/dL (30 mg	ı/L)					
1.6	1.6.1 C		0 0			ery dilatation, aneurysm, or ectasia; cal note		
	 1.6.2 Mucocutaneous involvement indicated by rash, inflammation of the oral mucosa, conjunctivitis or conjunctival injection, or extremity findings 1.6.3 Shock 							
	1.6.4 G	astrointestinal involvemen	t indicated by abdominal pa dicated by platelet count <1			phocyte count (ALC) <1,000 cells/µL		
1.7	1.7.1 P 1.7.2 P 1.7.3 D	ositive viral test (i.e., NAAT ositive viral test (i.e., NAAT etection of SARS-CoV-2 s	oV-2 infection or epidemiolo /PCR or antigen) during ho /PCR or antigen) in a post- pecific antibodies associate ned or probable case of CC	spitalization of mortem species d with curren	r within 60 days men t illness			
1.8			derlying cause of death or a					
			S AND MEDICAL HISTO	-				
	<u>Demograph</u>							
2.1		esidence:						
2.2		code/postal code (prima						
2.3		th (MM/DD/YYYY):						
2.4 2.5	Age:		s Years					
2.5		ale Female	Not Hispanic or Latino	Defined	or Unknown			
	-	·	·		OF UTIKNOWN			
2.7		k all that apply, selecting m /hite	ore than one option as nec	•	ian			
		lack or African American			her Race			
		merican Indian or Alaska N ative Hawaiian or other Pa		2.7.7 Ur	known			
2.8	•	cm						
2.9	Weight:	kg						
2.10	BMI:							
<u>Underly</u>	ring conditio							
	2.11.1 2.11.2	No underlying medical Immunosuppressive di		2.11. 2.11.		scular condition Il disease		
	2.11.3	Obesity	soluci/maighancy	2.11.		ung disease (including asthma)		
	2.11.4	Diabetes mellitus		2.11.	9 Other co	ngenital malformations		
	2.11.4.1 2.11.4.2			2.11.	10 Other, sp	ecify:		
	2.11.4.2		ular or developmental cond	tion				
O #	andient bists	Ū						
<u>Other n</u> 2.12	nedical histo Does the p		following at least 90 days	prior to develo	ning their curren	t MIS-C illness?		
	2.12.1	Kawasaki Disease	Date of diagnosis (MM/					
	2.12.2	MIS-C	Date of diagnosis (MM/	טט/ץץץץ):				

SECTIO	N 3 – CL	INICAL SIGNS AND SYMPTOMS				
Illness L	Details:					
3.1	Did pati	ent have close contact with an individua	I with COVID-19 wit	hin 60 days prior to hospi	talization: Yes	No
	3.1.1 lf	ves, first date of contact (MM/DD/YYY).	:	Date unknown		
3.2	Onset d	ate of symptoms that led to hospitalizati	ion for MIS-C (MM/I	DD/YYYY):		
3.3.		admission date (MM/DD/YYYY):	,		_	
0.0.						
	3.3.1	Number of days in the hospital:				
3.4	Admitte	to the ICU? Yes No				
3.5	Patient	outcome: Died Discharged	Still admitted			
	3.5.1	Hospital discharge or death date (MM/	/DD/YYYY):			
<u>3.6 Sign</u>	s and sy	nptoms associated with MIS-C illness	5			
	3.6.1	Mucocutaneous	3.6.3	Respiratory		
		Rash		Cough		
		Inflammation of oral mucosa		Shortness of breath		
		Conjunctival injection Peripheral extremity changes	3.6.4	Gastrointestinal		
				Abdominal pain		
	3.6.2	Neurologic Meningismus/meningeal signs		Vomiting Diarrhea		
		Altered mental status				
	Headache		3.6.5	Other Neck pain		
				Chest pain/tightness		
SECTIO	N 4 – L/	BORATORY STUDIES				
4.1 Labo	oratory S					
	4.1.1	Elevated troponin				
	4.1.2	Elevated BNP/NT-pro BNP				
	4.1.3 4.1.4	Elevated AST Elevated ALT				
	4.1.5	Elevated creatinine				
<u>4.2 CSF</u>	Studies					
	4.2.1	White blood count: cells/m	m³ or cells/μL			
	4.2.2	Protein: mg/dL g/L	-			
	4.2.3	Glucose: mg/dL mm	nol/L			
<u>4.3 SAR</u>		esting during hospitalization for curre				
	4.3.1.	SARS-CoV-2 Antibody (IgG or IgM):	Positive	Negative Not	done	
	4.3.1.1	If performed, date (MM/DD/YYYY)):			
	4.3.1.2	Antibody type: Anti-Spike	Anti-Nucleo	capsid Anti-Spike	and Anti-Nucleocapsid	Unknown
	4.3.2.	SARS CoV-2 Viral Test: Positiv	e Negative	Not done		
	4.3.2.1	If performed, date (MM/DD/YYYY)):			
	4.3.2.2		-PCR/NAAT	Antigen Unknowr	۱	
				-		

SECTION 5 – IMAGING STUDIES AND COMPLICATIONS

If any studies from a particular type of imaging are abnormal during hospitalization, select "abnormal" for that imaging type. If all studies from a particular type of imaging are normal throughout hospitalization, select "normal" for that imaging type.

5.1	Cardiac 5.1.1	lmaging Echocardiogram	Normal	Abnormal	Not done
5.2	Chest li	maging			
	5.2.1	Chest X-ray	Normal	Abnormal	Not done
	5.2.2	Chest CT	Normal	Abnormal	Not done
5.3	Abdom	inal Imaging			
	5.3.1	Abdominal ultrasound	Normal	Abnormal	Not done
	5.3.2	Abdominal X-ray	Normal	Abnormal	Not done
	5.3.3	Abdominal CT	Normal	Abnormal	Not done

Please indicate clinical findings identified during hospitalization for MIS-C illness.

5.4 **Cardiac Complications** Myocarditis Coronary artery dilatation, ectasia, or aneurysm on cardiac imaging Left ventricular systolic dysfunction Lowest LV ejection fraction: <50% 50% to <55% Right ventricular systolic dysfunction Pericarditis/pericardial effusion Congestive heart failure Other cardiac complication, specify: _ 5.5 **Respiratory Complications** Acute respiratory distress syndrome (ARDS) Pneumonia Other respiratory complication, specify:_ 5.6 Hypotension or shock Hypotension Shock 5.7 **Gastrointestinal Complications** Appendicitis/inflamed appendix Cholecystitis/inflamed gallbladder Mesenteric adenitis Other abdominal complication, specify: _ Hematologic Complications 5.8 Thrombocytopenia (platelets <150.000 cells/uL) Lymphopenia (absolute lymphocyte count/ALC <1000 cells/µL) 5.9 **Other Complications** Meningitis/encephalitis Encephalopathy Other neurologic complication, specify: Retropharyngeal edema/phlegmon on head/neck ultrasound or CT Lymph nodes ≥1.5 cm on head/neck ultrasound or CT Other complication, specify: **SECTION 6 – CLINICAL MANAGEMENT** 6.1 Please indicate all treatments or medical interventions that the subject received for this illness.

High-flow nasal cannula CPAP or BiPAP Invasive mechanical ventilation (intubation) **FCMO** Vasoactive medications (e.g., epinephrine, milrinone, norepinephrine, or vasopressin)

Steroids (e.g., prednisone, methylprednisolone) Immune modulators (e.g., anakinra, infliximab) Dialysis or continuous renal replacement therapy (CRRT) First IVIG Second IVIG

SECTIO	N 7 – COVID-19 VACCIN	IE INFORMATION				
7.1	Has the patient received a COVID-19 vaccine?		Yes	No	Unknown	
7.2	If yes, how many doses?	1 dose 2 doses		3 or more dose	es l	Unknown
7.3	Date vaccine dose(s) rece	eived				
	7.3.1. Vaccine Dose 1	Date (MM/DD/YYYY):		Manufacture	er:	
	7.3.2 Vaccine Dose 2	Date (MM/DD/YYYY):		Manufacture	ər:	
	7.3.3 Vaccine Dose 3	Date (MM/DD/YYYY):		Manufacture	ər:	
	7.3.4 Vaccine Dose 4 Date (MM/DD/YYYY):			Manufacturer:		
	7.3.5 Vaccine Dose 5	Date (MM/DD/YYYY):		Manufacture	ər:	