



Multisystem inflammatory syndrome (MIS) in children and adolescents temporally related to COVID-19

Definitions

Date of patient assessment

This is the date when the patient was first clinically assessed for MIS. This may be the same data as the date of admission to hospital, or for patients already admitted to hospital, who later develop or are later assessed for symptoms consistent with MIS, enter the date MIS is first clinically assessed.

Hospital admission

For patients admitted to hospital with symptoms consistent with MIS, please enter details for the date of hospital admission. For patients already admitted to hospital, who were later identified with MIS, the original admission date to the hospital should be documented. Where a patient was admitted via multiple hospital departments, count admission from the time they came to the first department during the visit that led to their admission (e.g. arrival at the Emergency Department).

Comorbidities

Comorbidities present before the onset of MIS and that are still present. Do not include any that developed following the onset of MIS.

Oxygen therapy

Include any form of supplemental oxygen received using any methods.

Invasive ventilation

Please include any mechanical ventilation delivered. Do not include patients who are breathing independently via a tracheostomy.

Non-invasive ventilation

Please include any positive-pressure treatment given via a tight-fitted mask. This can be continuous positive pressure (CPAP) or bi-level positive pressure (BIPAP).

Renal replacement therapy or dialysis

Please include any form of continuous renal replacement therapy or intermittent haemodialysis.

Worst result

References to 'worst result' refer to those furthest from the normal physiological range or laboratory normal range.

Results that were rejected by the clinical team (e.g. pulse oximetry on poorly perfused extremities, haemolysed blood samples, contaminated microbiology results) should not be reported.

The following measures should be considered as a single observation and documented at the same time:

Blood pressure: Please report the systolic and diastolic blood pressure from the observation with the lowest mean arterial pressure (if mean arterial pressure has not been calculated, report the measurement with lowest systolic blood pressure).

Respiratory rate: If both abnormal low and high rate observed, record the abnormally high rate. Blood gas results: Please report the measures from the blood gas with the lowest pH (most acidotic).





MODULE 1: PRESENTATION/ADMISSION CASE REPORT FORM PRELIMINARY CASE DEFINITION

Suspected multisystem inflammatory syndrome (MIS) temporally related to COVID-19 infection:

Initiate completion of the form at the time MIS is first suspected, even if all the criteria in the case definition provided are not met. Submit Module 1 when the initial investigations included in the case definition are available. Therefore, Module 1 can be initiated with incomplete investigations and submitted at a later date when the full information is available.

1a DEMOGRAPHICS

Date of birth

Please provide the patient's date of birth. If this is not known, please provide their age in years OR months.

Ethnicity

Please document the ethnicity reported by the family. Document all that applies.

1b. DATE OF ONSET OF CURRENT ILLNESS AND VITAL SIGNS

Date of onset of first symptom or sign

Please provide the date of patient/carer reported onset of the first symptom that you clinically believe was related to this episode of MIS.

Date of onset of fever

Please provide the date of patient/carer reported onset of fever (self-reported or measured)

Temperature

Please enter the peripheral body temperature in degrees Celsius (°C) (rectal if < 3 months) in the space provided.

Heart rate (HR)

Enter the heart rate measured in beats per minute. This may be measured manually or by electronic monitoring.

Respiratory rate (RR)

Enter the respiratory rate in breaths per minute. Manual rather than electronic measurement is preferred where possible. Record the highest respiratory rate documented at first suspicion of MIS.

Systolic BE

Please enter the systolic blood pressure measured in millimetres of mercury (mmHg), in the relevant sections. Use any recognised method for measuring blood pressure.

Diastolic BP

Please enter the diastolic blood pressure measured in millimetres of mercury (mmHg), in the relevant sections. Use any recognised method for measuring blood pressure.

Capillary refill time > 2 seconds

Capillary refill time is measured by pressing on the sternum for five seconds with a finger or thumb until the underlying skin turns white and then noting the time in seconds needed for the colour to return once the pressure is released.

Global COVID-19 Clinical Platform: Case Record Form for suspected cases of Multisystem inflammatory syndrome (MIS) in children and adolescents temporally related to COVID-19

Prelin	ninary case definition
Childr	en and adolescents 0–19 years of age with measured or self-reported fever = 3 days
AND	<u>wo or more</u> of the following:
a)	Rash or bilateral non-purulent conjunctivitis or muco-cutaneous inflammation signs (oral, hands or feet)
b)	Hypotension or shock
c)	Features of myocardial dysfunction, or pericarditis, or valvulitis, or coronary abnormalities (clinical features, ECHO findings or laboratory markers such as elevated Troponin/NT-proBNP)
d)	Evidence of coagulopathy (such as abnormal PT, PTT, elevated d-Dimers)
e)	Acute gastrointestinal problems (such as diarrhoea, vomiting or abdominal pain)
AND	
Eleva:	ted markers of inflammation such as ESR, C-reactive protein or procalcitonin
No oth	ner obvious microbial cause of inflammation, including bacterial sepsis, staphylococcal or streptococcal shock syndromes
Evide	nce of COVID (RT-PCR, antigen test or serology positive) or likely contact with patients with COVID
NB Co	onsider this syndrome in children with features of typical or atypical Kawasaki disease or toxic shock syndrome

MODULE 1. Complete this module for all children aged 0–19 suspected to have multisystem inflammatory disorder (even if all criteria in the case definition are not met – to capture the full spectrum of the condition). Start completing the module at the time the disorder is suspected.

Country

Date of patient assessment [D_][D_]/[M_][M_]/[2_][0_][Y_][Y_]

Facility name

Date of admission to hospital	
1a. DEMOGRAPHICS (comple	te when MIS is first suspected)
Sex at birth ? Male ? Female	? Not specified. Date of birth [D][D]/[M][M]/[Y][Y][Y][Y]
f date of birth is unknown, record	d Age [][]years OR [][]months
thnicity (as reported by family)	(please pre-specify main groups in the population and choose from the list)
1b. DATE OF ONSET OF CUR	RRENT ILLNESS ANDVITAL SIGNS (complete when MIS is first suspected)
Date of onset of first sympton	m or sign [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Date of onset of fever [_D_][_	D_V[M_I[M_]V[2][0][Y][Y]
Temperature [_][] [_]°C Heart rate [][][]beats/min
Respiratory rate [][]bre	aths/min
BP [] [](systolic) [][_](diastolic)mmHg
Capillary refill time > 2 secon	ds □Yes □No □Unknown
Oxygen saturation [][][]% on □Room air □Oxygen therapy □Unknown
Conscious state □Alert □F	Response to verbal stimuli Response to painful stimuli Unresponsive
Mid-upper arm circumference	e[_][_]cm Weight[_][_]kg





DATE OF ONSET CONTINUED

Oxygen saturation

For all patients, irrespective of ventilation or supplemental oxygen requirement, please enter the percentage oxygen saturation at the time of admission. Measured by pulse oximetry or by arterial blood gas analysis.

Conscious state

State the least responsive condition of the patient during the calendar day (not counting normal sleep).

Mid-upper arm circumference

Measured as the circumference of the left upper arm at the mid-point between the tip of the shoulder and the tip of elbow.

1c. POSSIBLE SIGNS AND SYMPTOMS OF MULTISYSTEM INFLAMMATORY SYNDROME

Please provide details of the clinical features present when MIS is clinically first suspected, clinically assessed according to local standard/ranges, or follow the WHO standardised age-ranges for children in the WHO pocket guide: www.who.int/maternal_child_adolescent/documents/9241546700/en/

Fever

Add the number of days the patient has had fever (self-reported or measured) prior to assessment.

Oral mucosal inflammation signs

Examples include redness, swelling, or dryness of the lips; redness of the throat; strawberry tongue.

Peripheral cutaneous inflammation signs (hands or feet)

Examples include pain, swelling, or redness of the fingers, toes, hands, or feet.

Hypotension (age-appropriate)

Please follow the normal standard ranges for blood pressure appropriate to the age, size, and sex of the child.

Tachycardia (age-appropriate)

Please follow the normal standard ranges for heart rate appropriate to the age, size, and sex of the child.

Prolonged capillary refill time

A normal capillary refill time should be 2 seconds or less.

Tachypnoea (age-appropriate)

Please follow the normal standard ranges for respiratory rate appropriate to the age, size, and sex of the child.

Respiratory distress

Any signs of difficulties breathing or achieving adequate oxygenation.

1c. POSSIBLE SIGNS AND SYN suspected)	/PTOMS	S OF MUL	TISY	STE	M INFLAMMATO	RY SYNDRO	ME (complete	when M	IIS is first
Fever (measured or self-report	ed)	□Yes	□N	lo	□Unknown				
Duration of fever days	20420-00				200				
Rash ?Yes ?No	?Unkı				oe of rash	011.1			
Bilateral conjunctivitis ? Yes, Oral mucosal inflammation sig		?Yes, i	non-p		ent ? No ? Unknown	?Unknown			
Peripheral cutaneous inflamma				-	Yes □No	□Unknown			
Hypotension (age-appropriate)		□Yes			□Unknown	LIOTIKITOWIT			
Tachycardia (age-appropriate)		□Yes			□Unknown				
Prolonged capillary refill time		□Yes		lo	□Unknown				
Pale/mottled skin		□Yes			□Unknown				
Cold hands/feet		□Yes			□Unknown				
Urinary output < 2 mL/kg/hr		□Yes		lo	□Unknown				
Chest pain		□Yes		lo	□Unknown				
Tachypnoea (age-appropriate)		□Yes		lo	□Unknown				
Respiratory distress Yes	□No	□Unkn	own						
Abdominal pain		□Yes		lo.	□Unknown				
Diarrhoea		□Yes			□Unknown				
Vomiting		□Yes		lo	□Unknown				
1d. OTHER SIGNS AND SYMP	TOMS (complete v	vhen	MIS	is first suspected)				
Cough □Yes	□No	□Unknov	νn	Fati	igue/malaise		□Yes	□No	□Unknown
Sore throat □Yes	□No	□Unknov	٧n	Seiz	zures		□Yes	□No	□Unknown
Runny nose □Yes	□No	□Unknov	٧n	Hea	adache		□Yes	□No	□Unknown
Wheezing □Yes	□No	□Unknov	νn	Нур	otonia/floppiness		□Yes	□No	□Unknown
Swollen joints □Yes	□No	□Unknov	νn	Para	alysis		□Yes	□No	□Unknown
Cervical □Yes lymphadenopathy	□No	□Unknov	wn	Irrita	ability		□Yes	□No	□Unknown
Joint pain (arthralgia) □Yes	□No	□Unknov	νn	Pho	otophobia		□Yes	□No	□Unknown
Muscle aches □Yes	□No	□Unknov	νn	Нур	oosmia/anosmia (loss of smell)	□Yes	□No	□Unknown
Skin ulcers □Yes	□No	□Unknov	νn	Нур	ogeusia (loss of	taste)	□Yes	□No	□Unknown
Stiff neck □Yes	□No	□Unknov	wn	Not	able to drink		□Yes	□No	□Unknown
Other? Specify			_		eding (haemorrha es, specify site	ge)	□Yes □No	Ur	nknown

1	e.	R	Е	CE	N	Т	н	IS	T	o	F	ζ,	Y	

Has the child been admitted to hospital in the last 3 months? □Yes □No □ Unknown

If yes, date of discharge from hospital [D][D]/[M][M]/[2][0][Y][Y]

If yes, was it related to this illness episode or for the same or similar problems? □Yes □No □ Unknown

History of COVID-19 infection in the previous 4 weeks prior to current illness?

□Yes - Lab confirmed □Yes - Clinically diagnosed □No □Unknown

History of any respiratory infection in the previous 4 weeks prior to current illness? □Yes □No □ Unknown

Any household member (or other contact) with confirmed COVID-19 in previous 4 weeks? □Yes □No □Unknown

Past history of Kawasaki disease? □Yes □No □ Unknown

Family history of Kawasaki disease? □Yes □No □ Unknown





1d. OTHER SIGNS AND SYMPTOMS

Please provide details of any other signs and symptoms present at the time when MIS is first suspected. This is in addition to the clinical features listed in section 1c.

1e. RECENT HISTORY

Hospital discharge date

If patient has been admitted to hospital more than once (prior to this episode) within the last 3 months, record the most recent discharge date.

Similar problems

Similar problems refer to the MIS illness episode and symptoms or previous COVID-19 admission

Any household member (or other contact) with confirmed COVID-19 in previous 4 weeks?

Any person who lives in the same household as the patient, or other close contact with laboratory-confirmed COVID-19 infection diagnosed in the last 4 weeks prior to date of onset of this illness episode.

Past history of Kawasaki disease

A previous clinical diagnosis of Kawasaki disease, prior to the current illness episode.

Family history of Kawasaki disease

Any genetically linked family member with a previous clinical diagnosis of Kawasaki disease.

1c. POSSIBLE SIGNS AND SYMPTOMS OF MULTISYSTEM INFLAMMATORY SYNDROME (complete when MIS is first suspected)										
Fever (measured or se	lf-reported	d)	□Yes		lo	□Unknown				
Duration of fever	davs									
Rash ?Yes		?Unkr	nown	If y	es ty	pe of rash				
Bilateral conjunctivitis	?Yes, pu	rulent	?Yes, I				?Unknown			
Oral mucosal inflamma	ation signs	5	?Yes	?N	lo	? Unknown				
Peripheral cutaneous is	nflammati	on sign	ns (hands	or fe	et)	□Yes □No	□Unknown			
Hypotension (age-appr	ropriate)		□Yes		10	□Unknown				
Tachycardia (age-appr			□Yes			□Unknown				
Prolonged capillary ref	ill time		□Yes		10	□Unknown				
Pale/mottled skin			□Yes		0.000	□Unknown				
Cold hands/feet			□Yes			□Unknown				
Urinary output < 2 mL/l	kg/hr		□Yes		10	□Unknown				
Chest pain			□Yes		lo	□Unknown				
Tachypnoea (age-appr	opriate)		□Yes		lo	□Unknown				
Respiratory distress	□Yes	□No	□Unkn	own						
Abdominal pain			□Yes		lo	□Unknown				
Diarrhoea			□Yes		lo	□Unknown				
Vomiting			□Yes		10	□Unknown				
1d. OTHER SIGNS AND	SYMPTO	OMS (d	complete v	vhen	MIS	is first suspected)				
Cough			□Unknov		-	igue/malaise		□Yes	□No	□Unknown
Sore throat	□Yes	□No	□Unknov	wn	Sei	zures		□Yes	□No	□Unknown
Runny nose	□Yes	□No	□Unknov	wn	He	adache		□Yes	□No	□Unknown
Wheezing	□Yes	□No	□Unknov	wn	Ну	ootonia/floppiness	5	□Yes	□No	□Unknown
Swollen joints	□Yes	□No	□Unknov	wn	Par	ralysis		□Yes	□No	□Unknown
Cervical lymphadenopathy	□Yes	□No	□Unknov	wn	Irrit	ability		□Yes	□No	□Unknown
Joint pain (arthralgia)	□Yes	□No	□Unknov	wn	Ph	otophobia		□Yes	□No	□Unknown
Muscle aches	□Yes	□No	□Unknov	wn	Ну	posmia/anosmia (loss of smell)	□Yes	□No	□Unknown
Skin ulcers	□Yes	□No	□Unknov	wn	Ну	pogeusia (loss of	taste)	□Yes	□No	□Unknown
Stiff neck	□Yes	□No	□Unknov	wn	No	t able to drink		□Yes	□No	□Unknown
0442 0					Ble	eding (haemorrha	age)	⊐Yes □No	□Ur	nknown
Other? Specify	-			_	If y	es, specify site				

1e. RECENT HISTORY
Has the child been admitted to hospital in the last 3 months? □Yes □No □ Unknown
If yes, date of discharge from hospital $[D_][D_]/[M_][M_]/[2_][0_][Y_][Y_]$
If yes, was it related to this illness episode or for the same or similar problems? \Box Yes \Box No \Box Unknown
History of COVID-19 infection in the previous 4 weeks prior to current illness?
□Yes - Lab confirmed □Yes - Clinically diagnosed □No □Unknown
History of any respiratory infection in the previous 4 weeks prior to current illness? $\square Yes \square No \square Unknown$
Any household member (or other contact) with confirmed COVID-19 in previous 4 weeks? □Yes □No □Unknown
Past history of Kawasaki disease? □Yes □No □ Unknown
Family history of Kawasaki disease? □Yes □No □ Unknown





1f. CO-MORBIDITIES, PAST HISTORY

Please record if any of these comorbidities existed prior to admission. In general, do not include past comorbidities that are no longer ongoing.

Inflammatory or rheumatological disorder

This is defined as an inflammatory and degenerative diseases of connective tissue structures. It includes chronic arthropathies and arthritis, connective tissue disorders and vasculitides. Please specify in the space provided.

Hypertension (age-appropriate)

Elevated arterial blood pressure diagnosed clinically.

Other chronic cardiac disease

Please include any of coronary artery disease, heart failure, congenital heart disease, cardiomyopathy, rheumatic heart disease. Please specify in the space provided.

Asthma

Clinician-diagnosed asthma.

Tuberculosis

Patients currently receiving treatment for active tuberculosis (any site). Do not include latent tuberculosis.

Other chronic pulmonary disease

Please include any of chronic obstructive pulmonary disease (chronic bronchitis, chronic obstructive pulmonary disease (COPD), emphysema), cystic fibrosis, bronchiectasis, interstitial lung disease, pre-existing requirement for long term oxygen therapy. Do not include asthma. Please specify in the space provided.

Diabetes

Type 2 diabetes mellitus requiring oral or subcutaneous treatment or insulin dependent Type 1.

Malignant neoplasm

Current solid organ or haematological malignancy. Please do not include malignancies that have been declared 'cured' ≥5 years ago with no evidence of ongoing disease. Do not include non-melanoma skin cancers. Do not include benign growths or dysplasia.

Asplenia

Please include any of splenectomy, non-functional spleen, and congenital asplenia.

Congenital or acquired immune-suppression

Any congenital or acquired immunodeficiency syndrome. Do not include HIV, which should be entered under HIV. Please specify in the space provided.

Chronic Kidney Disease

Please include any of clinician-diagnosed chronic kidney disease or history of kidney transplantation.

Chronic liver disease

Any chronic liver disease, including cirrhosis or a history of variceal bleeding, or hepatitis.

1f. CO-MORBIDITIES, PAST HIST	ORY (comple	ete wh	en MIS is fir	st suspected)				
Inflammatory or rheumatological disorder If yes, specify	□Yes □N	lo 🗆	Unknown	Asplenia		□Yes	□No	□Unknowr
Hypertension (age-appropriate)	□Yes □N	lo 🗆	Unknown	Congenital or acquired suppression If yes, spe		□Yes	□No	□Unknowr
Other chronic cardiac disease If yes, specify	□Yes □N	lo 🗆	Unknown	Chronic kidney disease		□Yes	□No	□Unknowr
Asthma	□Yes □N	lo 🗆	Unknown	Chronic liver disease		□Yes	□No	□Unknowr
Tuberculosis	□Yes □N	lo 🗆	Unknown	Chronic neurological dis	sorder	□Yes	□No	□Unknowr
Other chronic pulmonary disease If yes, specify	□Yes □No □Unknown			Haematologic disorder		□Yes	□No	□Unknow
Diabetes	□Yes type □No		es type 2 Inknown	HIV □Yes (on ART) □	es (not on	ART) □N	lo □Un	known
Malignant neoplasm	□Yes □N	lo 🗆	Unknown	Other? If yes, specify _				
1g. PRE-ADMISSION AND CHRO Were any of the following taken of			dmission:	complete when MIS is fir	st suspecte	d)		
Non-steroidal anti-inflammatory (NS lf yes, specify name				□Unknown tal □Parenteral (IM/IV)	□Unknowr	1		
Steroids? □Yes □No □Unknown If yes, specify name	;	Route	□ Oral/rec	tal □Parenteral (IM/IV)	□Inhaled	□Topic	al 🗆	Unknown
Antibiotics? □Yes □No □Unknown If yes, specify name		Route	□Oral/rec	tal □Parenteral (IM/IV)	□Unknowr	1		
Any other medication? □Yes □No If yes, specify name If yes, specify name		Route	□Oral/rec	tal □Parenteral (IM/IV)	□Inhaled	□Topic □Topic	al 🗆	Unknown Unknown Unknown

1h. LABORATORY RESULTS

(complete with results of tests ordered at the time MIS is first suspected) (* record units if different from those listed) Record the worst value between 00:00 to 24:00 on day of assessment (if Not Available write 'N/A'):

Parameter	Value*	Not done	Parameter	Value*	Not done		
Markers of inflammation/coa	gulopathy	***	Markers of organ dysfunction				
Haemoglobin (g/L)			Creatinine (µmol/L)				
Total WBC count (x109/L)			Sodium (mmol/L)				
Neutrophils (x109/L)			Potassium (mmol/L)				
Lymphocytes (x10 ⁹ /L)			Urea (BUN) (mmol/L)				
Haematocrit (%)			Glucose (mmol/L)				
Platelets (x109/L)			Pro-BNP (pg/mL)				
APTT/APTR			Troponin (ng/mL)				
PT (seconds)			Creatine kinase (U/L)				
INR			LDH (U/L)				
Fibrinogen (g/L)			Triglycerides				
Procalcitonin (ng/mL)			ALT/SGPT (U/L)				
CRP (mg/L)			Total bilirubin (µmol/L)				





CO-MORBIDITIES CONTINUED

Chronic neurological disorder

Include any e.g. cerebral palsy, multiple sclerosis, motor neurone disease, muscular dystrophy, myasthenia gravis, severe learning difficulty.

Haematologic disorder

Any long-term disorder of the red or white blood cells, platelets or coagulation system requiring regular or intermittent treatment. Do not include leukaemia, lymphoma or myeloma, instead include these under malignancy.

ΗIV

History of laboratory-confirmed HIV infection.

Other

List any significant risk factors or comorbidities that existed prior to admission and are ongoing, that are not already listed.

1g. PRE-ADMISSION AND CHRONIC MEDICATION

Taken within 14 days of admission.

Non-steroidal anti-inflammatory (NSAIDs): Examples include aspirin, ibuprofen, naproxen, celecoxib, diclofenac, diflunisal, etodolac, indomethacin, ketoprofen, ketorolac, nabumetone, oxaprozin, piroxicam, salsalate, sulindac, tolmetin. Specify generic names and route

Steroids: Examples include prednisolone, betamethasone, dexamethasone, hydrocortisone, methylprednisolone, deflazacort and fludrocortisone.. Specify generic names and route

Any other medication: Any other medications taken in the 14 days prior to admission.

1h. LABORATORY RESULTS

Please record all laboratory results available from tests conducted on the day MIS is first suspected. If the unit of measurement is different from those listed, please record the unit. Additional units will be available in the eCRF. If you cannot find the unit used in the eCRF, please use a unit converter such as: http://unitslab.com/ or equivalent or email us to let us know

Please give the 'worst value', which refers to values furthest from the normal physiological range or laboratory normal range. Results that were rejected by the clinical team (e.g. haemolysed blood samples) should not be reported.

Total WBC count is the total white blood cell count in blood.

Haematocrit (Ht or HCT), also known as packed cell volume (PCV) or erythrocyte volume fraction (EVF), is the volume percentage (%) of red blood cells in blood.

APTT is the activated partial thromboplastin time. Record the highest value.

APTR is the activated partial thromboplastin ratio. Record the highest value.

PT is the prothrombin time. Record the highest value.

INR is the international normalised ratio. Record the highest value.

Procalcitonin or PCT refers to blood procalcitonin. Record the highest value.

CRP is C-reactive protein and refers to the blood (serum or plasma) CRP level. Record the highest value. **Creatinine** refers to serum creatinine. Record the highest value.

1f. CO-MORBIDITIES, PAST HIST	ORY (co	mplete	wher	n MIS is fir	st suspected)					
Inflammatory or rheumatological disorder If yes, specify	□Yes	□No	□U	nknown	Asplenia			□Yes	□No	□Unknown
Hypertension (age-appropriate)	□Yes				Congenital or acquired immune- suppression If yes, specify			□Yes	□No	□Unknown
Other chronic cardiac disease If yes, specify	□Yes	□No	U	nknown	Chronic kidney	/ disease	e	□Yes	□No	□Unknown
Asthma	□Yes	□No	U	nknown	Chronic liver di	isease		□Yes	□No	□Unknown
Tuberculosis	□Yes	□No	□U	nknown	Chronic neurol	logical d	isorder	□Yes	□No	□Unknown
Other chronic pulmonary disease If yes, specify	□Yes	□Yes □No □Unknown			Haematologic disorder			□Yes	□No	□Unknowr
Diabetes	□Yes □No			s type 2 known	HIV □Yes (on	ART) 🗆	Yes (not on	ART) □N	lo □Un	known
Malignant neoplasm	□Yes	□No	U	nknown	Other? If yes,	specify_				
1g. PRE-ADMISSION AND CHRO Were any of the following taken				mission: (complete when	MIS is fi	rst suspecte	ed)		
Non-steroidal anti-inflammatory (NS If yes, specify name					□Unknown al □Parenteral	(IM/IV)	□Unknowr	1		
Steroids? □Yes □No □Unknown If yes, specify name		; Ro	oute	□Oral/rect	al □Parenteral	(IM/IV)	□Inhaled	□Topic	al 🗆	Unknown
Antibiotics? □Yes □No □Unknown If yes, specify name		; Ro	oute	□Oral/rect	al □Parenteral	(IM/IV)	□Unknowr	1		
Any other medication? □Yes □No If yes, specify name If yes, specify name If yes, specify name		; Ro	oute	□Oral/rect		(IM/IV)	□Inhaled	□Topic □Topic	al 🗆	Unknown Unknown Unknown

1h.	LABO	DRA	TORY	RESU	LT:

(complete with results of tests ordered at the time MIS is first suspected) (* record units if different from those listed)

Record the worst value between 00:00 to 24:00 on day of assessment (if Not Available write 'N/A'):

Parameter	Value*	Not done	Parameter	Value*	Not done			
Markers of inflammation/coa	gulopathy		Markers of organ dysfunction					
Haemoglobin (g/L)			Creatinine (µmol/L)					
Total WBC count (x109/L)			Sodium (mmol/L)					
Neutrophils (x109/L)			Potassium (mmol/L)					
Lymphocytes (x10 ⁹ /L)			Urea (BUN) (mmol/L)					
Haematocrit (%)			Glucose (mmol/L)					
Platelets (x109/L)			Pro-BNP (pg/mL)					
APTT/APTR			Troponin (ng/mL)					
PT (seconds)			Creatine kinase (U/L)					
INR			LDH (U/L)					
Fibrinogen (g/L)			Triglycerides					
Procalcitonin (ng/mL)			ALT/SGPT (U/L)					
CRP (mg/L)			Total bilirubin (µmol/L)					





LABORATORY RESULTS CONTINUED

Blood urea nitrogen is also known as 'urea', measured in a blood sample. Record the highest value.

Pro-BNP (also called NT-proBNP) is pro B-type natriuretic peptide. Record the highest value.

Troponin Record type of Troponin and the highest value.

Creatine kinase (CK, or creatine phosphokinase, CPK) refers to total creatine kinase measured in the blood. Record the highest value.

LDH is lactate dehydrogenase. Record the highest value.

Triglycerides refers to the total triglycerides measured in the blood.

ALT/SGPT: ALT is alanine transaminase (also called serum glutamic pyruvate transaminase, SGPT). Record the highest value.

Total Bilirubin refers to total bilirubin measured in the blood. Record the highest value.

ESR is the erythrocyte sedimentation rate. Record the highest value.

D-dimer Record the highest value.

IL-6 is Interleukin 6. Record the highest value.

IL-10 is Interleukin 10. Record the highest value.

AST/SGOT is aspartate transaminase (also called serum glutamic oxaloacetic transaminase, SGOT). Record the highest value.

Lactate refers to blood lactate. Record the highest value.

Ferritin Record the highest value.

1i. IMAGING AND PATHOGEN TESTING

Please complete this section with the results of any tests that were ordered as the time MIS is first suspected. Record if a test was performed even if findings were normal. If abnormal findings were detected, specify these in the free text field.

Chest X-ray/CT performed

Record if X-ray and/or CT were performed, if infiltrates and any other significant findings.

ECG performed

Record if an electrocardiogram (ECG) was performed, even if the result was normal. Indicate any significant findings.

Echocardiography performed

Record if echocardiography was performed, even if the result was normal. Indicate any significant findings.

Other cardiac imaging performed

Record any other cardiac imaging performed, e.g. cardiac MRI. Please specify the type of imaging and the results in the space provided.

ESR (mm/hr)	AST/SGOT (U/L)	
D-dimer (mg/L)	Albumin (g/dL)	
IL-6 (pg/mL)	Lactate (mmol/L)	
IL-10 (pg/mL)	Ferritin (ng/mL)	

1i. IMAGING AND PATHOGEN TES (complete when results of tests order		ne MIS is f	īrst suspec	cted are available)
Chest X-ray/CT performed □Yes	□No	□Unl	known	If yes, findings
ECG performed? Yes No Unknown On that ECG what were the findings				
Echocardiography performed	Yes	No	Unknow	vn
If yes, features of myocardial dys	function?	Yes	No	Unknown
features of pericarditis?	Yes	No	Unknow	vn
features of valvulitis?	Yes	No	Unknow	vn
coronary abnormalities?	Yes	No	Unknow	vn
Other cardiac imaging performed		No	Unknow	vn
If yes, specify name of im-	aging and re	sults		





MODULE 2: OUTCOME CASE REPORT FORM

Complete and submit this module at the time of discharge or death. Please include all relevant information from post- admission or post-first day MIS clinically assessed up to the time of discharge/death. Do not repeat data entered in Section 1.

2a. SUMMARY OF CLINICAL FEATURES OF CURRENT ILLNESS

Please include all signs and symptoms clinically assessed between admission and discharge/death. Clinically assessed according to local standard ranges, or for information see the WHO standardised age-ranges for children see the WHO pocket guide:

www.who.int/maternal child adolescent/documents/9241546700/en/

Oral mucosal inflammation signs

Examples include redness, swelling, or dryness of the lips; redness of the throat; strawberry tongue.

Peripheral cutaneous inflammation signs (hands or feet)

Examples include pain, swelling, or redness of the fingers, toes, hands, or feet.

Hypotension (age-appropriate)

Please follow the normal standard ranges for blood pressure appropriate to the age, size, and sex of the child.

Tachycardia (age-appropriate)

Please follow the normal standard ranges for heart rate appropriate to the age, size, and sex of the child.

Prolonged capillary refill time

A normal capillary refill time should be 2 seconds or less.

Tachypnoea (age-appropriate)

Please follow the normal standard ranges for respiratory rate appropriate to the age, size, and sex of the child.

2b. LABORATORY RESULTS

Please record the most abnormal result between admission up to the time of discharge/death. If the unit of measurement is different from those listed, please record the units. Results that were rejected by the clinical team (e.g. haemolysed blood samples) should not be reported. For individual parameters see guidance in section 1h.

MODULE 2. Complete and submit this module at the time of discharge or death

2a. SUMMARY OF CLINICA (include all signs identified a	ny time between a				h)		
Fever DYes DNo DU Maximum temperature during Duration of fever during the a	the hospital adm					A')	
		/s (II IIOC	аррпсавте	wille IVA			
Rash □Yes □No □U If yes type of rash	nknown						
Bilateral conjunctivitis Oral mucosal inflammation si			-purulent Jnknown	□No	□Unkno	wn	
Peripheral cutaneous inflamn				es □No	□Unknown		
Hypotension (age-appropriat	e) □Yes	□No		Jnknown			
Tachycardia (age-appropriat		□No		Unknown			
Prolonged capillary refill time	□Yes	□No		Jnknown			
Pale/mottled skin	□Yes	□No		Jnknown			
Cold hands/feet	□Yes	□No		Jnknown			
Urinary output < 2 mL/kg/hr	□Yes	□No		Unknown			
Chest pain	□Yes	□No		Jnknown			
Tachypnoea (age-appropriate	e) □Yes	□No		Jnknown			
Respiratory distress	□Yes	□No		Unknown			
Abdominal pain	□Yes	□No		Jnknown			
Diarrhoea	□Yes	□No		Jnknown			
Vomiting	□Yes	□No		Unknown			
Other, specify							
2b. LABORATORY RESULT (record the most abnormal re those listed)		ospital ad	lmission u	p to the tim	e of discharg	ge/death) (*record units if diffe	erent from
Parameter M	ost abnormal val	ue*	Not	Paramete	r	Most abnormal value*	Not

Parameter	Most abnormal value* (and Date)	Not done	Parameter	Most abnormal value* (and Date)	Not Done	
Markers of inflammation	coagulopathy		Markers of organ dysfunction			
Haemoglobin (g/L)			Creatinine (µmol/L)			
Total WBC count (x109/L)			Sodium (mmol/L)			
Neutrophils (x109/L)			Potassium (mmol/L)			
Lymphocytes (x109/L)			Urea (BUN) (mmol/L)			
Haematocrit (%)			Glucose (mmol/L)			
Platelets (x109/L)			Pro-BNP (pg/mL)			
APTT/APTR			Troponin (ng/mL)			
PT (seconds)			Creatine kinase (U/L)			
INR			LDH (U/L)			
Fibrinogen (g/L)			Triglycerides			
Procalcitonin (ng/mL)			ALT/SGPT (U/L)			
CRP (mg/L)			Total bilirubin			
ESR (mm/hr)			AST/SGOT (U/L)			
D-dimer (mg/L)			Albumin (g/dL)			
IL-6 (pg/mL)			Lactate (mmol/L)			
IL-10 (pg/mL)			Ferritin (ng/mL)			





2c. IMAGING/PATHOGEN TESTING

Please include the most abnormal results post- admission or post-first day MIS clinically assessed up to the time of discharge/death.

Chest X-ray/CT performed

Record if X-ray and/or CT were performed, even if no infiltrates were present.

Echocardiography performed

Record if echocardiography was performed, even if the result was normal. Indicate any significant findings.

ECG performed

Record if an ECG was performed, even if the result was normal. Indicate any significant findings.

Other cardiac imaging performed

Record any other cardiac imaging performed, e.g. cardiac MRI. Please specify the type of imaging and the results in the space provided.

Bacterial pathogen testing

Please record if the patient was tested for bacterial pathogens and the result.

SARS-CoV-2 testing

Please complete all of this section even if the tests were not done or the result was negative. Please provide the site of specimen collection or the titre where indicated.

Other tests

Please specify any other pathogen tests that were done and provide the results in the space provided.

Results that were rejected by the clinical team (e.g. contaminated microbiology results) should not be reported.

If no pathogen testing: Clinically diagnosed COVID-19

If no pathogen testing was conducted, please indicate if the patient had a clinical diagnosis of COVID-19.

			n If yes, findings
hest CT performed?	□Yes□	⊒No □Unknov	vn If yes, were infiltrates present? □Yes □No □Unknown other findings
	of the mo	est abnormal ec re: features of r features of p features of v	own hocardiogram [_D_][_D_]/[_M_]_M_]/[_2_][_0_]_Y_]_Y_] nyocardial dysfunction? Yes No Unknown ericarditis? Yes No Unknown alvulitis? Yes No Unknown normalities? Yes No Unknown
ECG performed? Yes	No Uni	(nown	
			CG [D][D]/[M][M]/[2][0][Y][Y]
if yes what was the date			
On that ECG what were on that ECG what were on the cardiac imaging of the cardiac imaging o	performe]/[_M_][_ imaging a	ngs? d? Y M_]/[_2_][_0_	
On that ECG what were Other cardiac imaging If yes, date [D][D]	performe]/[_M_][_ imaging a ting Positive	d? Y M_/[_2_][_0_ and most abnorn	res No Unknown [Y][Y] mal results Not done
On that ECG what were Other cardiac imaging If yes, date [_D_][_D_ If yes, specify name of Bacterial pathogen tests Bacterial pathogen	performe]/[_M_][_ imaging a ting Positive	d? Y M_/[_2_][_0_ and most abnorn	res No Unknown [Y][Y] mal results Not done
On that ECG what were Other cardiac imaging If yes, date [_D_][_D If yes, specify name of Bacterial pathogen tes Bacterial pathogen If positive, specify	performe]/[_M_][_ imaging a ting Positive	d? Y M_/[_2_][_0_ and most abnorn	res No Unknown [Y][Y] mal results Not done
On that ECG what were Other cardiac imaging If yes, date [D][D If yes, specify name of Bacterial pathogen tes Bacterial pathogen If positive, specify SARS-CoV-2 testing	performe]/[_M_][_ imaging a ting Positive	d? Y M]/[2][0_ ind most abnorn Negative	res No Unknown Y Y mal results Not done
On that ECG what were Other cardiac imaging If yes, date [D][D] If yes, specify name of Bacterial pathogen tes Bacterial pathogen If positive, specify SARS-CoV-2 testing RT-PCR	performe J/[M][imaging a ting Positive Positive	d? Y M]/[2][0_ ind most abnorn Negative Negative Negative	res No Unknown Y Y Y Mail results Not done Not done Site of specimen collection
On that ECG what were Other cardiac imaging If yes, date [D][D] If yes, specify name of Bacterial pathogen tess Bacterial pathogen If positive, specify SARS-CoV-2 testing RT-PCR Rapid antigen test	performe J/[M][imaging a ting Positive Positive	d? Y M]/[2][0_ ind most abnorn Negative Negative Negative Negative Negative	Not done Site of specimen collection Not done Site of specimen collection
On that ECG what were Other cardiac imaging If yes, date [D][D] If yes, specify name of Bacterial pathogen If positive, specify BARS-CoV-2 testing RT-PCR Rapid antigen test Rapid antibody test	performe /[M][imaging a ting Positive Positive Positive Positive	d? Y M]/[2][0_ ind most abnorn Negative Negative Negative Negative Negative	Not done Site of specimen collection





2d. TREATMENT

At any time during the hospital admission post- admission or post-first day MIS clinically assessed up to the time of discharge/death), did the patient receive any of the treatments listed.

Fluids

Please record if the patient received fluids via a feeding tube, oral or intravenously.

Corticosteroid

'Corticosteroids' (commonly referred to as 'steroids'). Examples include: prednisolone, prednisone, methyl-prednisolone, dexamethasone, hydrocortisone, fluticasone, betamethasone (note that other examples exist). Please include the route and the maximum daily dose.

IV immune globulin

Please provide the daily dose and the number of days of treatment.

Immunomodulators

Examples include tofacitinib, cyclosporine, tacrolimus, sirolimus, everolimus, azathioprine, leflunomide, mycophenolate and biologics such as abatacept, adalimumab, anakinra, certolizumab, etanercept, adalimumab, infliximab and rituximab. Please provide the generic name and the route.

Antibiotic

Please provide the generic name and the route.

Antifungal agent

Examples include fluconazole, amphotericin, caspofungin, anidulafungin, posaconazole, itraconazole (note that other examples exist). Please provide the generic name and the route.

Antimalarial agent

'Antimalarial agent' refers to any agent(s) prescribed in the treatment of or prophylaxis against malaria. Examples include chloroquine, hydroxychloroquine, quinine, primoquine (note that other examples exist). Please provide the generic name and the route. Some antimalarials (e.g. doxycycline, clindamycin) are antibiotics and should be included in the antibiotic section.

Experimental agent

Please record any other experimental medication, administered to modify the course of illness during the admission (including as part of a clinical trial). Please specify the name and the route.

Non-steroidal anti-inflammatory (NSAID)

Examples include aspirin, ibuprofen, naproxen, celecoxib, diclofenac, diflunisal, etodolac, indomethacin, ketoprofen, ketorolac, nabumetone, oxaprozin, piroxicam, salsalate, sulindac, tolmetin. Please provide the generic name and the route.

Systemic anticoagulation

'Anticoagulant' refers to any agent(s) used to prevent or reduce the risk of blood clots. Examples include warfarin, direct oral anticoagulants (DOACs, e.g. apixaban, rivaroxaban), unfractionated heparin, low molecular weight heparins (LMWHs, e.g. enoxaparin, tinzaparin). Please provide the generic name and the route.

2d. TREATMENT: at any	time durin	g the hos	spital admission, di	d the patient rec	eive any of the follo	wing:	
Oral/orogastric fluids?	□Yes	□No	□Unknown				
Intravenous fluids?	□Yes	□No	□Unknown				
Antiviral?	□Yes	□No	□Unknown				
If yes ORibavirin OLopir	navir/Ritona	avir ON	euraminidase inhibito	or OTocilizuma	ab OAnakinra	Olverm	ectin
Ointerferon alpha Ointer	feron beta	OR	emdesivir	OOther, spe	cify		
Corticosteroid (not topic		□Yes		known			
If yes, specify name					1/IV) □Inhaled		Unknown
If yes, please provide max							
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[2][0][<u>Y</u>][<u>Y</u>]	Duration:	days □ Unknown		
IV immune globulin?	□Yes	□No	□Unknown				
If yes, daily dose		; Nu	mber of days of treat	ment			
Date commenced: [_D_][_I][<u>M</u>]\[<u>C</u>	M_]/[_2_][_0_][<u>_Y_][_Y</u> _]Durat	ion:day	s Max daily dose and	unit:	
Immunomodulators?	□Yes						
If yes, specify name			Route Oral/rectal				
If yes, date commenced: [D][_D]/[M_][_M_]/[2][0][Y][Y]	Duration:	days □ Unknown		
Antibiotic?	□Yes						
If yes, specify name			_; Route	□Oral/rectal	□Parenteral (IM	/IV)	□Unknown
If yes, date commenced: [D][D]/[M_][_M_]/[2][0][Y][Y]	Duration:	days Unknown		
If yes, specify name			_; Route	□Oral/rectal	□Parenteral (IM	/IV)	□Unknown
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[_2_][_0_][_ <u>Y_][_Y</u> _]	Duration:	days □ Unknown		
If yes, specify name			_; Route	□Oral/rectal	□Parenteral (IM	/IV)	□Unknown
If yes, date commenced: [D][D]/[M_][_M]/[_2_][_0_][_Y_][_Y_	Duration:	days □ Unknown		
Antifungal agent?	□Yes	□No	□Unknown				
If yes, specify name				□Oral/rectal	□Parenteral (IM	1/IV)	□Unknown
If yes, date commenced: [D][D]/[M_][_M_]/[2][0][Y][Y]	Duration:	days □ Unknown		
Antimalarial agent?	□Yes	□No	□Unknown	If yes, specify _			
				□Oral/rectal	□Parenteral	(IM/IV)	□Unknown
If yes, date commenced: [D][D]/[M_][_M]/[2][0][Y][Y]	Duration:	days □ Unknown		
Experimental agent?	□Yes	□No	□Unknown	If yes, specify _			
If yes, specify name		10 20020	_; Route	□Oral/rectal	□Parenteral (IM	1/IV)	□Unknown
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[2][0][<u>Y</u>][<u>Y</u>]	Duration:	days □ Unknown		
Non-steroidal anti-inflam	matory (N	SAID)?	□Yes □No □Unkno	own			
If yes, specify name			_	□Oral/rectal	□Parenteral (IN	1/IV)	□Unknown
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[2][0][<u>Y</u>][<u>Y</u>]	Duration:	days □ Unknown		
Systemic anticoagulation	n? □Yes	□No	□Unknown				
If yes, specify name			_; Route	□Oral/rectal	□Parenteral (IM	1/IV)	□Unknown
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[2][0][<u>Y</u>][<u>Y</u>]	Duration:	days Unknown		
Other?	□Yes	□No	□Unknown				
If yes, specify name				□Oral/rectal	□Parenteral (IM	1/IV)	□Unknown
If yes, date commenced: [D][D]/[<u>M</u>][<u>M</u>]/[2][0][<u>Y</u>][<u>Y</u>	Duration:	_days Unknown	9	





TREATMENT CONTINUED

Other

Please record any other treatment given that is not included in any of the sections above, including the generic name and the route of administration.

2e. SUPPORTIVE CARE

Oxygen supplementation therapy

Complete this field for all patients. If any supplemental oxygen (at any concentration) was given by any means of delivery at any point until the time of submission of Module 1, place a cross in the box marked 'yes'. This includes any supplementary oxygen (O2) delivered via non-invasive facemasks/nasal cannula/mask or via invasive mechanical ventilation. Please also indicate the maximum O2 flow volume. If it is not possible to access record of the absolute highest O2 volume delivered during the admission indicate the highest known.

Prone positioning

If the patient received prone positioning at any time during their hospital stay, please tick 'yes'.

Non-invasive ventilation

If the patient received non-invasive ventilation (NIV), defined as the provision of ventilatory support through the patient's upper airway using a mask or similar device, at any time until discharge or death, please tick 'yes' and enter the total duration in days if known.

Invasive ventilation (Any)

Invasive ventilation means that patient has undergone tracheal intubation, the mode of intubation may be orotracheal, nasotracheal, or via a cricothyrotomy or tracheotomy. If the patient received invasive ventilation at any time until until discharge or death, please tick 'yes', enter the maximum ventilation parameters, and enter the duration in days.

Inotropes/vasopressors

Vasopressor agents include norepinephrine, epinephrine, vasopressin, terlipressin and phenylephrine. Commonly used 'positive' inotropes include dobutamine, dopamine, milrinone and adrenaline (epinephrine). If the patient received a vasopressor or inotrope for at least one hour during their hospital stay, please tick 'yes' and provide the generic name in the space provided.

Extracorporeal (ECMO) support

ECMO refers to Extra Corporeal Membrane Oxygenation.

HFOV

High frequency oscillatory ventilation (HFOV) is a type of mechanical ventilation which utilises a high respiratory rate and low tidal volume.

Blood transfusion

Blood transfusion is the administration of any blood product.

Renal replacement therapy or dialysis

Please include any form of continuous renal replacement therapy or intermittent haemodialysis.

2e. SUPPORTIVE CARE: at any time	e during the	hospital a	admission, did the patient receive any of the following:
ICU or high dependency unit admissif yes, number of days in ICU Oxygen supplementation therapy? If yes, max 0; flow 1-5 L/min 06 If yes, interface Nasal prongs If yes, number of days of oxygen ther	_ □Y -10 L/min □HF nasal (′es □No □11–15 L/ cannula □	□Unknown
Prone positioning ? □Yes □No □	□Unknown	If yes, dur	ration: days
Non-invasive ventilation? (any e.g. If yes, prone position? If yes, duration in days? Invasive ventilation (any)? If yes, maximum PEEP (cm H ₂ O) If yes, duration in days?	- ; FiO ₂ (%	□Yes	□Yes □No □Unknown □No □Unknown □No □Unknown Plateau pressure (cm H ₂ O); PaCO ₂ ; PaO ₂
Inotropes/vasopressors? If yes, specify name	T.	□Yes —	□No □Unknown
Extracorporeal (ECMO) support?	□Yes	□No	□Unknown If yes, total duration: days
Plasma exchange?	□Yes	□No	□Unknown
HFOV?	□Yes	□No	□Unknown
Blood transfusion?	□Yes	□No	□Unknown
Renal replacement therapy (RRT) of	or dialysis?	□Yes □N	lo □Unknown If yes, total duration:days

Outcome Discharged alive Hospitali	zed Tra	nsfer to other	facility Death	Left against i	medical advice	Unknown
Outcome date [D][D]/[M][M]/[2_[_0_[_	Y_[_Y_] Un	known			
If discharged alive						
Care needs at discharge versus before	illness	Same as b	pefore illness V	Norse Better	Unknown	
What was the physician's impression of	the final dia	agnosis?				
Multisystem inflammatory syndrome	Yes	No	Unknown			
Kawasaki disease	Yes	No	Unknown			
Atypical Kawasaki disease	Yes	No	Unknown			
Toxic shock syndrome	Yes	No	Unknown			
Other, specify						





2f. OUTCOME

Discharged alive can mean discharge to their usual place of residence before their illness, to the home of a relative or friend, or to a social care facility, because their illness is no longer severe enough to warrant treatment in a medical facility.

Hospitalized means they are still in prolonged hospital stay but the form has been completed.

Transfer to other facility means they have been transferred to another facility that provides medical care. This could be a specialist centre for more intensive treatment or a step-down for rehabilitation. It does not include facilities that solely provide social care (these patients should be listed as discharged alive).

Left against medical advice means that the medical team responsible for the patient did not feel that they were recovered from their illness enough to be safely discharged but that the legal guardian or responsible for the child has taken them from the hospital or the patient has left..

Outcome date

Please state the date for the outcome listed above.

If Discharged Alive:

Care needs at discharge versus before illness: if the patient requires care at discharge (in terms of activities of daily living) at the same level as before they developed illness then tick 'same as before illness'. If their care needs have decreased or increased, then tick the appropriate box ('worse' or 'better').

What was the physician's impression of the final diagnosis:

Clinician assessment of diagnosis on death or discharge.

Other: please specify if a final diagnosis not listed above was given.

Were there any sequalae present at the time of discharge:

Specify if the patient had any remaining sequelae from this illness episode at the time of discharge, as assessed by a physician/clinician.

CU or high dependency unit admis f yes, number of days in ICU		Yes □No	□Unknown
Oxygen supplementation therapy?		Yes □No	□Unknown
f yes, max O₂ flow □1–5 L/min □6 f yes, interface □Nasal prongs f yes, number of days of oxygen ther	□HF nasal	cannula [/min □> 15 L/min □Unknown JMask □Mask with reservoir □CPAP/NIV mask □Unknown
Prone positioning ? □Yes □No □	□Unknown	If yes, du	ration:days
Non-invasive ventilation? (any e.g. f yes, prone position? f yes, duration in days?			□Yes □No □Unknown □No □Unknown
nvasive ventilation (any)? f yes, maximum PEEP (cm H ₂ O) f yes, duration in days?			□No □Unknown Plateau pressure (cm H₂O); PaCO₂; PaO₂
notropes/vasopressors? f yes, specify name		□Yes —	□No □Unknown
Extracorporeal (ECMO) support?	□Yes	□No	□Unknown If yes, total duration: days
Plasma exchange?	□Yes	□No	□Unknown
IFOVO	□Yes	□No	□Unknown
HFOV?		□No	□Unknown

Outcome Discharged alive Hospitali	zed Tra	nsfer to other	facility Death	Left against m	nedical advice	Unknown
Outcome date [D][D]/[M][M]/[2_[_0_[_	Y_[_Y_] Un	known			
If discharged alive						
Care needs at discharge versus before	liness	Same as b	efore illness V	Vorse Better	Unknown	
What was the physician's impression of	the final dia	agnosis?				
Multisystem inflammatory syndrome	Yes	No	Unknown			
Kawasaki disease	Yes	No	Unknown			
Atypical Kawasaki disease	Yes	No	Unknown			
Toxic shock syndrome	Yes	No	Unknown			
Other, specify						