

ISARIC WHO Clinical Characterisation Protocol

ADMISSION FORM

Date of enrolment [__D__][__D__]/[__M__][__M__]/[__2__][__0__][__Y__][__Y__] Site Location _____

CLINICAL INCLUSION CRITERIA

Proven infection with pathogen of Public Health Interest: YES NO

OR

High suspicion of exposure to pathogen, noxious agent or harmful energy of Public Health Interest: YES NO

*N.B. This does **not** relate to covid-19 exposure. This does include children with hepatitis of unknown cause.*

Which of the following is the individual proven/suspected of having?

- Andes virus infection (hantavirus)
 Argentine haemorrhagic fever (Junin virus)
 Avian influenza A H7N9 & H5N1
 Avian influenza A H5N6 & H7N7
 Bolivian haemorrhagic fever (Machupo virus)
 Crimean Congo haemorrhagic fever (CCHF)
 Ebola virus disease (EVD)
 Exposure to CBRN agent
 Lassa fever
 Lujo virus disease
 Marburg virus disease (MVD)
 Middle East respiratory syndrome (MERS)
 Monkeypox
 Nipah virus infection
 Pneumonic plague (Yersinia pestis)
 Severe acute respiratory syndrome (SARS-not COVID-19)
 Severe fever with thrombocytopenia syndrome (SFTS)
 Exposure to CBRN agent
 Exposure to Harmful Energy
 Paediatric hepatitis (unknown cause)
 Other, specify: _____
 Unknown

DEMOGRAPHICS

Sex at Birth: Male Female Not specified **Date of birth** [__D__][__D__]/[__M__][__M__]/[__Y__][__Y__][__Y__][__Y__]

If date of birth is Not Known (N/K) record Age: [__][__][__]years OR [__][__]months

Ethnic group (check all that apply):

- Arab
 Black
 East Asian
 South Asian
 West Asian
 Latin American
 White
 Aboriginal/First Nations
 Other: _____ N/K

Employed as a Healthcare Worker? YES NO N/K

Pregnant? YES NO N/K **If YES: Gestational weeks assessment:** [__][__] weeks

POST PARTUM (within six weeks of delivery)? YES NO or N/K (skip this section - go to INFANT)

Pregnancy Outcome: Live birth Still birth Delivery date: [__D__][__D__]/[__M__][__M__]/[__2__][__0__][__Y__][__Y__]

Has infant(s) been tested for Mother's infection? YES NO N/K **If YES:** Positive Negative

IF POSITIVE PLEASE COMPLETE A SEPARATE CASE REPORT FORM FOR THE INFANT(S)

INFANT – Less than 1 year old? YES NO (skip this section) Birth weight: [__].[__]kg N/K

Gestational: Term birth (≥37wk GA) Preterm birth (<37wk GA) if <37wk Estimated gestation _____ weeks N/K

Breastfed? YES NO N/K **If YES:** Currently breastfed Breastfeeding discontinued N/K

CO-MORBIDITIES (existing prior to admission)			No comorbidities <input type="checkbox"/>
<u>Chronic cardiac disease, including congenital heart disease. (not hypertension)</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Obesity (as defined by clinical staff)</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Hypertension (physician diagnosed)</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Diabetes and Type</u>	<input type="checkbox"/> YES-type 1 <input type="checkbox"/> NO <input type="checkbox"/> YES-type 2 <input type="checkbox"/> N/K
<u>Chronic pulmonary disease (not asthma)</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Diabetes (any) with complications</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Asthma (physician diagnosed)</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Diabetes (any) without complications</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Chronic kidney disease</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Rheumatologic disorder</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Moderate / severe liver disease</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Dementia</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Mild liver disease</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Malnutrition</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
<u>Chronic neurological disorder</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Smoking</u> <input type="checkbox"/> YES <input type="checkbox"/> Never smoked <input type="checkbox"/> Former smoker <input type="checkbox"/> N/K	
<u>Malignant neoplasm</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	<u>Other relevant risk factor</u> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K If yes, specify _____	
<u>Chronic hematologic disease</u>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K		
<u>AIDS / HIV</u>	<input type="checkbox"/> YES-on ARV <input type="checkbox"/> NO <input type="checkbox"/> YES-not on ARV <input type="checkbox"/> N/K		

CLINICAL FRAILITY SCORE for people age over 18 years With reference to the Dalhousie University Clinical Frailty Score (see guidance on CRF)	
<u>Clinical Frailty Score</u>	[] value 1 to 9 or <input type="checkbox"/> N/K

MEDICATION ON ADMISSION
Record medication the patient was taking just prior to admission and has taken within the past 14 days
Medication name (<i>generic name preferred-please write in CAPITALS</i>):

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DAILY FORM
DAILY TREATMENT *(complete every line):*
DATE OF ASSESSMENT (DD/MM/YYYY): [D][D]/[M][M]/[2][0][Y][Y]

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

Is the patient in a high-level care area i.e. admitted to ICU/ITU/IMC/HDU YES NO N/K

Highest Temperature: [] [] . [] [] °C N/K

Any Supplemental Oxygen YES NO N/K **FiO₂ (0.21-1.0)** [] [] . [] [] or [] [] [] % or [] [] [] L/min (highest)

Oxygen saturation YES NO N/K **SpO₂** [] [] [] % (lowest) **RR:** [] [] breaths per minute (highest) N/K

AVPU **Alert** [] **Verbal** [] **Pain** [] **Unresponsive** [] or N/K **Glasgow Coma Score (GCS / 15)** [] [] [] or N/K

Is the patient currently receiving, or has received (from 00:00 to 24:00) on day of assessment:
Non-invasive respiratory support (e.g. NIV, BIPAP, CPAP)? YES NO N/K **Invasive ventilation?** YES NO N/K

High-flow nasal canula? YES NO N/K **ECLS/ECMO?** YES NO N/K

DAILY LABORATORY RESULTS

 Record the values of laboratory results taken between 00:00 to 24:00 on day of assessment *(If multiple record the values for the blood draw taken closest to midday)*

 Done YES NO N/K **Haemoglobin** _____ g/L or g/dL

 Done YES NO N/K **WBC count** _____ x10⁹/L or x10³/μL

 Done YES NO N/K **Lymphocyte count** _____ cells/μL or x10⁹/L or x10³/μL

 Done YES NO N/K **Neutrophil count** _____ cells/μL or x10⁹/L or x10³/μL

 Done YES NO N/K **Platelets** _____ x10⁹/L or x10³/μL

 Done YES NO N/K **PT** _____ seconds or

 Done YES NO N/K **ESR** _____ mm/hr

 Done YES NO N/K **AST/SGOT** _____ iU/L

 Done YES NO N/K **Glucose** _____ mmol/L or mg/dL

 Done YES NO N/K **ALT** _____ iU/L

 Done YES NO N/K **Blood Urea Nitrogen (urea)** _____ mmol/L or mg/dL

 Done YES NO N/K **Lactate** _____ mmol/L or mg/dL

 Done YES NO N/K **LDH** [] [] [] . [] [] U/L Done YES NO N/K **Procalcitonin** [] [] [] . [] [] ng/mL

 Done YES NO N/K **CRP** [] [] [] . [] [] mg/L

 Done YES NO N/K **eGFR** _____ mL/min/1.73 m² OCKD-EPI OMDRD OCG

Most recent HbA1c _____ N/K **date of HbA1c** [D][D]/[M][M]/[2][0][Y][Y]

Most recent CD4 _____ /mm³ N/K **date of CD4** [D][D]/[M][M]/[2][0][Y][Y]

 Chest X-Ray /CT performed? YES NO N/K

 IF Yes: Were infiltrates present? YES NO N/K

MEDICATION: While being followed, hospitalised or at discharge, were any of the following administered?

Antiviral agent? YES NO N/K If YES, tick all that apply: Cidofovir Brincidofovir Tecovirimat
 Ribavirin Oseltamivir (Tamiflu®) Zanamivir Remdesivir Other or novel antiviral _____

Antibiotic? YES NO N/K If YES: specify type(s): _____

Corticosteroid? YES NO N/K

Immunoglobulin? YES NO N/K If YES: specify type: _____

Antifungal agent? YES NO N/K If YES: which _____

Analgesics? YES NO N/K If YES, tick all that apply: Paracetamol NSAIDs Opiates Ketamine

Off-label / Compassionate Use medications? YES NO N/K If YES: which _____

TREATMENT: At ANY time during hospitalisation, did the patient receive/undergo:

ICU or High Dependency Unit admission? YES NO N/K If YES, total duration: _____ days still in ICU/HDU
 If NO, Not indicated Not appropriate*
 (*Advanced care plan/discussion documented in notes regarding not for escalation of care beyond ward)

Date of ICU/HDU admission: [][]/[][]/202[] N/K
 ICU/HDU discharge date: [][]/[][]/202[] N/K

Any Oxygen therapy? YES NO N/K High-flow nasal canula? YES NO N/K

Non-invasive ventilation? (e.g. BIPAP, CPAP) YES NO N/K

Invasive ventilation (Any intubation)? YES NO N/K If YES, total duration: _____ days still on

Prone Ventilation? YES NO N/K
 Inhaled Nitric Oxide? YES NO N/K
 Tracheostomy inserted? YES NO N/K

Extracorporeal (ECMO) support? YES NO N/K If YES, total duration: _____ days still on

Renal replacement therapy (RRT) or dialysis? YES NO N/K If YES, total duration: _____ days still on

Inotropes/vasopressors? YES NO N/K If YES, total duration: _____ days still on

Liver Transplant YES NO N/K If YES, date [][]/[][]/ 202[] N/K

Kidney Transplant YES NO N/K If YES, date [][]/[][]/ 202[] N/K

COMPLICATIONS: At any time during follow-up or hospitalisation did the patient experience: No complications <input type="checkbox"/>			
Viral pneumonia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Coagulation disorder / Disseminated Intravascular Coagulation	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Bacterial pneumonia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Deep vein thrombosis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Acute Respiratory Distress Syndrome	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Pulmonary thromboembolism	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Cryptogenic organizing pneumonia (COP)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Anaemia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Pneumothorax	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Rhabdomyolysis / Myositis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Pleural effusion	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Acute renal injury/acute renal failure	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Bronchiolitis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Urinary tract infection	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Meningitis / Encephalitis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Gastrointestinal haemorrhage	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Seizure	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Pancreatitis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Stroke / Cerebrovascular accident	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Liver dysfunction	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Other neurological complication	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Hyperglycaemia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Congestive heart failure	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Hypoglycaemia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Endocarditis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Bacteraemia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Myocarditis/Pericarditis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Cellulitis	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Cardiomyopathy	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Skin abscess	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Cardiac arrhythmia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Skin tissue loss or eschar	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Cardiac ischemia	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	Other complication(s)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K
Cardiac arrest	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/K	If yes, specify other:	

OUTCOME: (complete at discharge, transfer death or DAY 28, whichever occurs first)

Outcome: Discharged (or not admitted) alive expected to survive

Hospitalisation = Remains in Hospital ≥ Day 28 after symptom onset

- if Hospitalisation Ongoing health care needs relating to this admission

OR

Ongoing health care needs NOT related to this episode

OR

Medically fit for discharge but remains in hospital for other reason
(e.g. awaiting suitable care in community, resident in long term health
care or mental health facility)

Transfer to other facility

Palliative discharge

Death

N/K

Outcome date: [D][D]/[M][M]/[2][0][2][Y] N/K

If Discharged alive:

Ability to self-care at discharge versus before illness: Same as before illness Worse Better N/K

If Discharged alive: Post-discharge treatment:

Oxygen therapy? YES NO N/K

If Transferred: Facility name: _____ N/K

If Transferred: Is the transfer facility a study site? YES NO N/K

If a Study Site: Participant ID # at new facility: Same as above

Different: [][][][][]- [][][][] N/K

PREGNANCY OUTCOME: If delivered during admission, please confirm:

POST PARTUM (within six weeks of delivery)? YES NO or N/K

Pregnancy Outcome: Live birth Still birth Delivery date: [D][D]/[M][M]/[2][0][2][Y]

Has infant(s) been tested for Mother's infection? YES NO N/K If YES: Positive Negative

IF POSITIVE PLEASE COMPLETE A SEPARATE CASE REPORT FORM FOR THE INFANT(S)

PAEDIATRIC HEPATITIS MODULE

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*Complete this module at admission***Additional Recent Illness History****In the last 3 months, has your child had a diarrhoea and vomiting / gastroenteritis illness?** YES NO N/K**If yes, approximate date of this illness:** [_ D _] [_ D _] / [_ M _] [_ M _] / [_ 2 _] [_ 0 _] [_ Y _] [_ Y _]**If yes, did these symptoms persist for more than a week?** YES NO N/K

If yes, what persistent symptoms did they have in the last three months?

History of fever YES NO N/K. _____ Vomiting / Nausea YES NO N/KDiarrhoea YES NO N/K _____ Abdominal pain YES NO N/KWeight loss YES NO N/K _____ Tiredness YES NO N/K

Other (free text) _____

