

**COVID-19 CORE CASE REPORT FORM****ACUTE RESPIRATORY INFECTION CLINICAL CHARACTERISATION DATA TOOL****DESIGN OF THIS CASE REPORT FORM (CRF)**

This CRF is set up in modules to be used for recording data on the ISARIC COVID-19 Core Database or for independent studies.

**Module 1 and Module 2** complete on the first day of presentation/admission or on first day of COVID-19 assessment.

**Module 2** also complete on first day of admission to ICU or high dependency unit, or if receiving critical care in any ward, and on any days that research specific samples are taken. In addition, complete daily if of interest for local, specific analysis. Continue to follow-up patients who transfer between wards.

**Module 3** (Outcome) complete at discharge or death

**GENERAL GUIDANCE**

- The CRF is designed to collect data obtained through examination, interview and review of hospital notes. Data may be collected prospectively or retrospectively if the patient is enrolled after the admission date.
- For more detailed guidance on how to complete these forms, please refer to the CRF Completion Guideline
- Participant Identification Numbers consist of a 3 or 5 digit site code and a 4 digit participant number. You can obtain a site code and register on the data management system by contacting [ncov@isaric.org](mailto:ncov@isaric.org). Participant numbers should be assigned sequentially for each site beginning with 0001. In the case of a single site recruiting participants on different wards, or where it is otherwise difficult to assign sequential numbers, it is acceptable to assign numbers in blocks or incorporate alpha characters. E.g. Ward X will assign numbers from 0001 or A001 onwards and Ward Y will assign numbers from 5001 or B001 onwards. Enter the Participant Identification Number at the top of every page.
- Printed paper CRFs may be used for later transfer of the data onto the electronic database.
- For participants who return for re-admission to the same site, **start a new form with a different Participant Identification Number**. Please check “YES-admitted previously to this facility” in the RE-ADMISSION section. Enter as 2 separate entries in the electronic database.
- For participants who transfer between two sites that are both collecting data on this form, it is preferred to have the data entered by a single site as a single admission, under the same Participant Identification Number. When this is not possible, the first site should record “Transfer to other facility” as an OUTCOME, and the second site should start a new form with a new patient number and indicate “YES-transferred from other facility” RE-ADMISSION.
- Complete every line of every section, except where the instructions say to skip a section based on a response.
- Selections with circles (●) are single selection answers (choose one answer only). Selections with square boxes (□) are multiple selection answers (choose as many answers as are applicable).
- Mark ‘Not done’ for any results of laboratory values that are not available, not applicable or unknown.
- Avoid recording data outside of the dedicated areas. Sections are available for recording additional information.
- If using paper CRFs, we recommend writing clearly in ink, using BLOCK-CAPITAL LETTERS.
- Place an (X) when you choose the corresponding answer. To make corrections, strike through (-----) the data you wish to delete and write the correct data above it. Please initial and date all corrections.
- Please keep all of the sheets for a single participant together e.g. with a staple or participant-unique folder.
- Please transfer all paper CRF data to the electronic database. All paper CRFs needs to be stored locally, do not send any forms to us. Data are accepted only via secure electronic database.
- Please enter data on the electronic data capture system at <https://ncov.medsci.ox.ac.uk/>. If your site would like to collect data independently, we are happy to support the establishment of locally hosted databases.
- Please contact us at [ncov@isaric.org](mailto:ncov@isaric.org) if you need help with databases, if you have comments and to let us know that you are using the forms.

## MODULE 1: PRESENTATION/ADMISSION CASE REPORT FORM

### CLINICAL INCLUSION CRITERIA

Suspected or confirmed novel coronavirus (COVID-19) infection:  YES  NO

### DEMOGRAPHICS

Clinical centre name: \_\_\_\_\_ Country: \_\_\_\_\_

Enrolment date /first COVID-19 assessment date: [ ][ ][ ][ ][ ]/[ ][ ][ ][ ][ ]/[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Ethnic group (check all that apply):  Arab  Black  East Asian  South Asian  West Asian  Latin American  White  
 Aboriginal/First Nations  Other: \_\_\_\_\_  Unknown

Employed as a Healthcare Worker?  YES  NO  Unknown Employed in a microbiology laboratory?  YES  NO  Unknown

Sex at Birth:  Male  Female  Not specified/Unknown Age [ ][ ][ ][ ] years OR [ ][ ][ ][ ] months

Pregnant?  YES  NO  Unknown If YES: Gestational weeks assessment: [ ][ ][ ][ ] weeks

POST PARTUM (within 6 weeks of delivery)?  YES  NO  Unknown (if NO or Unknown skip this section)

Pregnancy Outcome:  Live birth  Still birth Delivery date: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]/[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Baby tested for COVID-19/SARS-CoV-2 infection?  YES  NO  Unknown

If YES, result of test:  Positive  Negative  Unknown (If Positive, complete a separate CRF for baby)

INFANT – Less than 1 year old?  YES  NO (If NO skip this section)

Birth weight: [ ][ ][ ][ ][ ] kg or  lbs  Unknown

Gestational outcome:  Term birth (≥37wk GA)  Preterm birth (<37wk GA)  Unknown

Breastfed?  YES-currently breastfeeding  YES-breastfeeding discontinued  NO  Unknown

Vaccinations appropriate for age/country?  YES  NO  Unknown

### ONSET & ADMISSION

Onset date of first/earliest symptom: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]/[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Most recent presentation/admission date at this facility: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]/[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

### RE-ADMISSION

Was the patient admitted previously or transferred from any other facility during this illness episode?

YES-admitted previously to this facility  YES-transferred from other facility  NO  Unknown

Has this patient's data been previously collected under a different patient number?  YES  NO  Unknown

If YES, Participant Identification number (PIN): \_\_\_\_\_

Is the patient being re-admitted with or due to COVID-19? (Please only add re-admission episodes for COVID related complications or patients remaining positive). Assign new subject ID  YES  NO  Unknown

Previous participant ID: \_\_\_\_\_  Unknown

Number of re-admissions: \_\_\_\_\_ (record as a new patient for each re-admission)

Please provide reason for readmission: \_\_\_\_\_

**MODULE 1: PRESENTATION/ADMISSION CASE REPORT FORM**

<b>SIGNS AND SYMPTOMS AT HOSPITAL ADMISSION</b> (first available data at presentation/admission – within 24 hours)	
Temperature: [ ][ ][ ]/[ ][ ][ ] °C or °F	
HR: [ ][ ][ ]beats/minute	RR: [ ][ ][ ]breaths/minute
Systolic BP: [ ][ ][ ]mmHg	Diastolic BP: [ ][ ][ ]mmHg
Oxygen saturation: [ ][ ][ ]% On: <input type="radio"/> Room air <input type="radio"/> Oxygen therapy <input type="radio"/> Unknown	
Sternal capillary refill time >2sec. <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unknown	Height: [ ][ ][ ]cm Weight: [ ][ ][ ]kg

<b>SIGNS AND SYMPTOMS ON ADMISSION</b> (Unk = Unknown)			
History of fever	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Fatigue / Malaise	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cough <input type="radio"/> YES - non-productive	<input type="radio"/> YES - productive	Anorexia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
<input type="radio"/> YES - with haemoptysis	<input type="radio"/> NO <input type="radio"/> Unk	Altered consciousness/confusion	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Sore throat	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Muscle aches (myalgia)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Runny nose (rhinorrhoea)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Joint pain (arthralgia)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Wheezing	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Inability to walk	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Shortness of breath	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Abdominal pain	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Lower chest wall indrawing	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Diarrhoea	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Chest pain	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Vomiting / Nausea	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Conjunctivitis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Skin rash	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Lymphadenopathy	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Bleeding (Haemorrhage)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Headache	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	If YES, specify site(s): _____	
Loss of smell (Anosmia)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Other symptom(s)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Loss of taste (Ageusia)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	If YES, specify: _____	
Seizures	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk		

<b>VACCINATIONS</b>	
Covid-19 vaccination <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Estimated date of most recent dose: [ _ ] [ _ ] / [ _ ] [ _ ] / [ _ ] [ _ ] [ _ ] [ _ ]
If YES, number of doses received: _____	
If YES, specify type of the most recent vaccine: _____	
If more than one dose has been given, specify all types of vaccine previously received: _____	
Influenza vaccination within the last 6 months: <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unknown	

<b>PRE-ADMISSION MEDICATION</b> (taken within 14 days prior to admission/presentation at healthcare facility)	
Steroids	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk If YES, <input type="radio"/> Oral <input type="radio"/> Inhaled <input type="radio"/> Unk
Other immunosuppressant agents (not oral steroids)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Antibiotics	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk If YES, agent(s): _____
Antivirals	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk If YES, agent(s): _____
Other targeted COVID-19 Medications	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk If YES, agent(s): _____

## MODULE 1: PRESENTATION/ADMISSION CASE REPORT FORM

<b>CO-MORBIDITIES AND RISK FACTORS</b> <i>(existing prior to admission and ongoing)</i>			
Chronic cardiac disease <i>(not hypertension)</i>	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Chronic hematologic disease	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Hypertension	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	AIDS / HIV <input type="radio"/> YES-on ART <input type="radio"/> YES-not on ART <input type="radio"/> NO <input type="radio"/> Unk If YES, most recent CD4 count: <input type="radio"/> < 200 <input type="radio"/> 200-< 500 <input type="radio"/> ≥ 500 cells/uL <input type="radio"/> Unk	
Chronic pulmonary disease <i>(not asthma)</i>	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Diabetes Mellitus <input type="radio"/> YES-Type 1 <input type="radio"/> YES -Type 2 <input type="radio"/> YES -Gestational <input type="radio"/> NO <input type="radio"/> Unk If YES, HbA1C results (within last 6 months) : _____ Units: <input type="radio"/> mmol/mol <input type="radio"/> mmol/L <input type="radio"/> %	
Asthma <i>(physician diagnosed)</i>	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Rheumatologic disorder	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Chronic kidney disease	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Dementia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Obesity <i>(as defined by clinical staff)</i>	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Tuberculosis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Moderate or severe liver disease	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Malnutrition	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Mild liver disease	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Smoking <input type="radio"/> YES <input type="radio"/> Never smoked <input type="radio"/> Former smoker <input type="radio"/> Unk	
Asplenia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Other relevant risk factor(s) <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	
Chronic neurological disorder	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	If YES, specify:	
Malignant neoplasm	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk		

## MODULE 2: CASE REPORT FORM ON ADMISSION, CRITICAL CARE, RESEARCH SAMPLING

Complete on the day of admission or first COVID-19 investigation, and on the first day of ICU admission (if different from day of admission). In addition, complete for days when biochemical results are available.

<b>SIGNS AND SYMPTOMS</b> <i>(Record the worst value between 00:00 to 24:00 on day of assessment)(worst=furthest from normal range)</i>
<b>DATE OF ASSESSMENT (DD/MM/YYYY):</b> [ ][ ][ ][ ]/[ ][ ][ ][ ]/[ ][ ][ ][ ][ ]
<b>Highest temperature:</b> [ ][ ][ ][ ].[ ][ ] °C or °F <b>HR:</b> [ ][ ][ ][ ]beats/minute <b>RR:</b> [ ][ ][ ][ ]breaths/minute
<b>Systolic BP:</b> [ ][ ][ ][ ]mmHg <b>Diastolic BP:</b> [ ][ ][ ][ ]mmHg
<b>Oxygen saturation SaO<sub>2</sub></b> [ ][ ][ ][ ]%
<b>Any supplemental oxygen:</b> <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unknown If yes,
<b>FiO<sub>2</sub> (0.21-1.0)</b> [ ][ ].[ ][ ][ ] or [ ][ ][ ][ ] % or [ ][ ][ ][ ]L/min (Highest L/min)
<b>PaO<sub>2</sub> (at time nearest to the FiO<sub>2</sub> recorded at top of page)</b> [ ][ ][ ][ ][ ]kPa or mmHg <input type="radio"/> Not done
<b>PaO<sub>2</sub> sample type:</b> <input type="radio"/> Arterial <input type="radio"/> Capillary <input type="radio"/> Venous <input type="radio"/> Unknown
<b>From same blood gas record as PaO<sub>2</sub>:</b>
<b>PCO<sub>2</sub></b> _____ kPa or mmHg   <b>pH</b> _____   <b>HCO<sub>3</sub><sup>-</sup></b> _____ mEq/L   <b>Base excess</b> _____ mmol/L
<b>Sternal capillary refill time &gt;2seconds</b> <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unknown
<b>AVPU:</b> Alert [ ][ ] Verbal[ ][ ] Pain [ ][ ] Unresponsive [ ][ ] <b>Glasgow Coma Score (GCS / 15)</b> [ ][ ][ ][ ]
<b>Richmond Agitation-Sedation Scale (RASS)</b> [ ][ ]
<b>Mean Arterial Blood Pressure</b> [ ][ ][ ][ ][ ]mmHg <input type="radio"/> Unknown
<b>Urine flow rate</b> [ ][ ][ ][ ][ ][ ][ ][ ]mL/24 hours <input type="radio"/> Check if estimated <input type="radio"/> Unknown

## MODULE 2: CASE REPORT FORM ON ADMISSION, CRITICAL CARE, RESEARCH SAMPLING

Complete on the day of admission or first COVID-19 investigation, and on the first day of ICU admission (if different from day of admission). In addition, depending on available resources, complete every day for a maximum of 14 days, or for days when biochemical results are available.

**Is the patient currently receiving, or has received (between 00:00 to 24:00 on day of assessment)**

Current admission to ICU/ITU/IMC/HDU?  YES  NO  Unknown

High-flow nasal cannula oxygen therapy?  YES  NO  Unknown

Non-invasive ventilation (Any)?  YES  NO  Unknown If YES:  BIPAP  CPAP  Other  Unknown

Invasive ventilation?  YES  NO  Unknown

Prone positioning?  YES  NO  Unknown If yes,  during invasive ventilation  whilst self-ventilating  Unknown

Inhaled Nitric Oxide?  YES  NO  Unknown

Tracheostomy inserted?  YES  NO  Unknown

Extra corporeal life support (ECLS/ ECMO)?  YES  NO  Unknown If YES:  VV  AV  Central  Unknown

Renal replacement therapy (RRT) or dialysis?  YES  NO  Unknown

Any vasopressor/inotropic support?  YES  NO  Unknown (if NO, select NO for the next 3 questions)

Dopamine <5µg/kg/min OR Dobutamine OR milrinone OR levosimendan:  YES  NO

Dopamine 5-15µg/kg/min OR Epinephrine/Norepinephrine < 0.1µg/kg/min OR vasopressin OR phenylephrine:  YES  NO

Dopamine >15µg/kg/min OR Epinephrine/Norepinephrine > 0.1µg/kg/min:  YES  NO

Neuromuscular blocking agents?  YES  NO  Unknown

Other intervention(s) or procedure(s)?  YES  NO  Unknown If YES, Specify: \_\_\_\_\_

### LABORATORY RESULTS (on admission, on any admission to ICU, then daily) – complete every line

DATE OF ASSESSMENT (DD/MM/YYYY): [ \_ ] [ \_ ] / [ \_ ] [ \_ ] / [ \_ 2 ] [ \_ 0 ] [ \_ Y ] [ \_ Y ]

### LABORATORY RESULTS (\*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
Haemoglobin (g/L)		<input type="radio"/>	Urea (BUN) (mmol/L)		<input type="radio"/>
WBC count (x10 <sup>9</sup> /L)		<input type="radio"/>	Lactate (mmol/L)		<input type="radio"/>
Lymphocyte count (10 <sup>9</sup> /L)		<input type="radio"/>	Creatinine (µmol/L)		<input type="radio"/>
Neutrophil count (10 <sup>9</sup> /L)		<input type="radio"/>	Sodium (mmol/L)		<input type="radio"/>
Haematocrit (%)		<input type="radio"/>	Potassium (mmol/L)		<input type="radio"/>
Platelets (x10 <sup>9</sup> /L)		<input type="radio"/>	Procalcitonin (ng/mL)		<input type="radio"/>
APTT (seconds)		<input type="radio"/>	CRP (mg/L)		<input type="radio"/>
APTR		<input type="radio"/>	LDH (U/L)		<input type="radio"/>
PT (seconds)		<input type="radio"/>	Creatine kinase (U/L)		<input type="radio"/>
INR		<input type="radio"/>	Troponin I (ng/mL)		<input type="radio"/>
ALT/SGPT (U/L)		<input type="radio"/>	D-dimer (mg/L)		<input type="radio"/>
Total bilirubin (µmol/L)		<input type="radio"/>	Ferritin (ng/mL)		<input type="radio"/>
AST/SGOT (U/L)		<input type="radio"/>	IL-6 (pg/mL)		<input type="radio"/>
Glucose (mmol/L)		<input type="radio"/>	Fibrinogen (mg/dl)		<input type="radio"/>

### MODULE 3: OUTCOME CASE REPORT FORM

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

 Any Oxygen therapy?  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 Maximum O<sub>2</sub> flow volume:  <2 L/min  2-5 L/min  6-10 L/min  11-15 L/min  >15 L/min

 Non-invasive ventilation? (Any)  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 Invasive ventilation? (Any)  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 High flow nasal oxygen  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 Prone Positioning?  YES  NO  Unknown

 Inhaled Nitric Oxide?  YES  NO  Unknown

 Tracheostomy inserted?  YES  NO  Unknown

 Extracorporeal support (ECMO)?  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 Renal replacement therapy (RRT) or dialysis?  YES  NO  Unknown

 Inotropes/vasopressors?  YES  NO  Unknown

 ICU or High Dependency Unit admission?  YES  NO  Unknown      If YES, total duration: \_\_\_\_\_ days  Unknown

 If YES, date of ICU admission: [D][D]/[M][M]/[2][0][Y][Y]  Unknown

 date of ICU discharge: [D][D]/[M][M]/[2][0][Y][Y]  Unknown

**COMPLICATIONS: At any time during hospitalisation did the patient experience: (Unk = Unknown)**

Viral pneumonia/pneumonitis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Meningitis / Encephalitis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Bacterial pneumonia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Bacteremia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Acute Respiratory Distress Syndrome	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Coagulation disorder / DIC	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Pneumothorax	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Pulmonary Embolism	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Pleural effusion	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Deep Vein Thrombosis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cryptogenic organizing pneumonia (COP)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Other thromboembolism (not PE or DVT)	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Bronchiolitis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Anemia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cardiac arrest	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Rhabdomyolysis / Myositis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Myocardial infarction	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Acute renal injury/ Acute renal failure	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cardiac ischaemia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Gastrointestinal haemorrhage	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cardiac arrhythmia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Pancreatitis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Myocarditis / Pericarditis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Liver dysfunction	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Endocarditis	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Hyperglycemia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Cardiomyopathy	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Hypoglycemia	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Congestive heart failure	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	Other	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk
Seizure	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk	If YES, specify: _____	
Stroke / Cerebrovascular accident	<input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unk		

## MODULE 3: OUTCOME CASE REPORT FORM

### DIAGNOSTICS

#### Section 1: RESPIRATORY VIRUS PCR TESTING

SARS-CoV-2 (COVID-19): Positive Negative Not done Unknown

Was other pathogen testing done during this illness episode? YES (complete section) NO Unknown

Influenza : Positive Negative Not done Unknown

If Positive: A-not typed A/H3N2 A/H1N1pdm09 A/H7N9 A/H5N1 B Other: \_\_\_\_\_ ..Unk

Respiratory Syncytial Virus (RSV): Positive Negative Not done Unknown

Adenovirus: Positive Negative Not done Unknown

#### Section 2: BACTERIAL TESTING

Bacteria: Positive Negative Not done If Positive, specify: \_\_\_\_\_ Unknown

Other pathogen/s detected: YES NO Unknown If YES, specify all: \_\_\_\_\_ Unknown

#### Section 3: RADIOLOGY

Clinical pneumonia diagnosed? YES NO Unknown

Chest X-Ray performed? YES NO Unknown If Yes: Were infiltrates present? YES NO Unknown

CT performed? YES NO Unknown If Yes: Were infiltrates present? YES NO Unknown

#### Section 4: PATHOGEN TESTING DETAILS

Collection Date (DD/MM/YYYY)	Biospecimen Type	Laboratory test Method	Result	Pathogen Tested/Detected
__D__ __D__ / __M__ __M__ /20__Y__Y__	<input type="radio"/> Nasal/NP swab <input type="radio"/> Throat swab <input type="radio"/> Combined nasal/NP+throat swab <input type="radio"/> Sputum <input type="radio"/> BAL <input type="radio"/> ETA <input type="radio"/> Urine <input type="radio"/> Feces/rectal swab <input type="radio"/> Blood <input type="radio"/> Other, Specify: _____	<input type="radio"/> PCR <input type="radio"/> Culture <input type="radio"/> Other, Specify: _____	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Unknown	_____
__D__ __D__ / __M__ __M__ /20__Y__Y__	<input type="radio"/> Nasal/NP swab <input type="radio"/> Throat swab <input type="radio"/> Combined nasal/NP+throat swab <input type="radio"/> Sputum <input type="radio"/> BAL <input type="radio"/> ETA <input type="radio"/> Urine <input type="radio"/> Feces/rectal swab <input type="radio"/> Blood <input type="radio"/> Other, Specify: _____	<input type="radio"/> PCR <input type="radio"/> Culture <input type="radio"/> Other, Specify: _____	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Unknown	_____
__D__ __D__ / __M__ __M__ /20__Y__Y__	<input type="radio"/> Nasal/NP swab <input type="radio"/> Throat swab <input type="radio"/> Combined nasal/NP+throat swab <input type="radio"/> Sputum <input type="radio"/> BAL <input type="radio"/> ETA <input type="radio"/> Urine <input type="radio"/> Feces/rectal swab <input type="radio"/> Blood <input type="radio"/> Other, Specify: _____	<input type="radio"/> PCR <input type="radio"/> Culture <input type="radio"/> Other, Specify: _____	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Unknown	_____
__D__ __D__ / __M__ __M__ /20__Y__Y__	<input type="radio"/> Nasal/NP swab <input type="radio"/> Throat swab <input type="radio"/> Combined nasal/NP+throat swab <input type="radio"/> Sputum <input type="radio"/> BAL <input type="radio"/> ETA <input type="radio"/> Urine <input type="radio"/> Faeces/rectal swab <input type="radio"/> Blood <input type="radio"/> Other, Specify: _____	<input type="radio"/> PCR <input type="radio"/> Culture <input type="radio"/> Other, Specify: _____	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Unknown	_____

### MODULE 3: OUTCOME CASE REPORT FORM

**MEDICATION: While hospitalised or at discharge, were any of the following administered? (Unk=Unknown)**

**ANTIVIRAL OR COVID-19 TARGETED AGENT?  YES  NO  Unknown If YES, specify (all) :**

**Ribavirin** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Lopinavir/Ritonavir** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Remdesivir (Veklury)** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Interferon alpha** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Interferon beta** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Chloroquine/hydroxychloroquine:**  
Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk... Duration: \_\_\_\_\_ days  Unk

**Interleukin-6 (IL-6) inhibitor** IF YES which:  Tocilizumab  Sarilumab  Other IL-6 inhibitor \_\_\_\_\_  Unk  
Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk... Duration: \_\_\_\_\_ days  Unk

**Convalescent plasma** Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

**Anti-influenza anti-viral** IF YES which:  Oseltamivir (Tamiflu®)  Zanamivir  Unk  
Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk... Duration: \_\_\_\_\_ days  Unk

**Other** \_\_\_\_\_ Date commenced [D][D]/[M][M]/[2][0][Y][Y]  Unk Duration: \_\_\_\_\_ days  Unk

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**ANTIBIOTIC?  YES  NO  Unknown If yes, specify all:**

**Agent 1:** \_\_\_\_\_ Date commenced [D][D]/[M][M]/[2][0][Y][Y] Duration: \_\_\_\_\_ days  Unk

**Agent 2:** \_\_\_\_\_ Date commenced [D][D]/[M][M]/[2][0][Y][Y] Duration: \_\_\_\_\_ days  Unk

**Agent 3:** \_\_\_\_\_ Date commenced [D][D]/[M][M]/[2][0][Y][Y] Duration: \_\_\_\_\_ days  Unk

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**CORTICOSTEROID?  YES  NO  Unknown**

**If YES: Dexamethasone?  YES  NO  Unknown**

**If YES, check all that apply:**

**6mg once per day (od)?  YES  NO  Unknown** If YES, Route:  Oral  Intravenous  Unk  
If YES, Date commenced [D][D]/[M][M]/[2][0][Y][Y] Duration: \_\_\_\_\_ days  Unk

**other dose or frequency?  YES  NO  Unknown** If YES, Route:  Oral  Intravenous  Unk  
If YES, Date commenced [D][D]/[M][M]/[2][0][Y][Y] Duration: \_\_\_\_\_ days  Unk

**If YES: Other corticosteroid?  YES  NO  Unknown**

If YES: **Which steroid:**  Prednisolone  Hydrocortisone  Methylprednisolone  Other

**Route:**  Oral  Intravenous  Unk



### MODULE 3: OUTCOME CASE REPORT FORM

**MEDICATION (continued):**

**ANTICOAGULATION?**  YES  NO  Unk

If YES: Agent: \_\_\_\_\_

Route:  Subcutaneous  Intravenous (IV)  Unk

Indication:  therapeutic (treatment of DVT/PE)  enhanced prophylaxis for COVID-19  routine inpatient prophylaxis  Unk

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**ANTIFUNGAL AGENT?**  YES  NO  Unk

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**OTHER treatments administered for COVID-19 including experimental or compassionate use?**  YES  NO  Unk

If YES, specify agent and timing of administration:

Agent 1: \_\_\_\_\_

Date commenced [ \_ ] [ \_ ] / [ \_ ] [ \_ ] / [ 2 ] [ 0 ] [ \_ ] [ \_ ]  Unk      Duration: \_\_\_\_\_ days  Unk

Agent 2: \_\_\_\_\_

Date commenced [ \_ ] [ \_ ] / [ \_ ] [ \_ ] / [ 2 ] [ 0 ] [ \_ ] [ \_ ]  Unk      Duration: \_\_\_\_\_ days  Unk

Agent 3: \_\_\_\_\_

Date commenced [ \_ ] [ \_ ] / [ \_ ] [ \_ ] / [ 2 ] [ 0 ] [ \_ ] [ \_ ]  Unk      Duration: \_\_\_\_\_ days  Unk

**OUTCOME**

**Was patient diagnosed with Covid-19?**  YES  NO  Unknown

If yes, was the diagnosis based on:  laboratory confirmation  clinical assessment

**Outcome:**  Discharged alive  Hospitalised  Transfer to other facility  Death  Palliative discharge  Unknown

**Outcome date:** [ \_ ] [ \_ ] / [ \_ ] [ \_ ] / [ 2 ] [ 0 ] [ \_ ] [ \_ ]  Unknown

**If alive at outcome date:**

**Ability to self-care at discharge versus before illness:**  Same as before illness  Worse  Better  Unknown

**Post-discharge treatment: Oxygen therapy?**  YES  NO  Unknown

**Ongoing health care needs relating to this admission for COVID-19:**  YES  NO  Unknown

**Ongoing health care needs NOT related to COVID episode:**  YES  NO  Unknown

**Medically fit for discharge (COVID-19 resolved) but remains in hospital for other reason (e.g. awaiting suitable care in community, resident in long term health care or mental health facility):**  YES  NO  Unknown