World Health Organization ISARIC

Global COVID-19 Clinical Platform

NOVEL CORONAVIRUS (COVID-19) - RAPID VERSION

DESIGN OF THIS CASE RECORD FORM (CRF)

This CRF has 3 modules:

Module 1 to be completed on the first day of admission to the health centre.

Module 2 to be completed on first day of admission to ICU or high dependency unit. Module 2 should also be completed daily for as many days as resources allow. Continue to follow-up patients who transfer between wards.

Module 3 to be completed 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 retrospectively if the patient is enrolled after the admission date.
- Participant Identification Numbers consist of a site code and a participant number.
  You can obtain a site code and register on the data management system by contacting ncov@isaric.org.
  Participant numbers should be assigned sequentially for each site beginning with 00001. In the case of a single site recruiting participants on different wards, or where it is otherwise difficult to assign sequential numbers, you can assign numbers in blocks or incorporate alpha characters. E.g. Ward X will assign numbers from 00001 or A0001 onwards and Ward Y will assign numbers from 50001 or B0001 onwards. Enter the Participant Identification Number at the top of every page.
- Data are entered to the central electronic REDCap database at https://ncov.medsci.ox.ac.uk or to your site/network's independent database. Printed paper CRFs may be used and the data can be typed into the electronic database afterwards.
- Complete every section. Questions marked "If yes,…" should be left blank when they do not apply (i.e. when the answer is not yes).
- Selections with square boxes (☐) are single selection answers (choose one answer only).
- Selections with circular boxes (O) are multiple selection answers (choose all that apply).
- Mark 'Unknown' for any data that are not available or unknown.
- Avoid recording data outside of the dedicated areas.
- If using paper CRFs, we recommend writing clearly in ink, using BLOCK-CAPITAL LETTERS.
- Place an (X) in the boxes to mark the 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 can be stored by the institution responsible for them. All data should be transferred to the 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 can support the establishment of locally hosted databases.
- Please contact us at ncov@isaric.org. If we can help with databases, if you have comments and to let us know that you are using the forms.

MODULE 2: follow-up (frequency of completion determined by available resources)

Date of follow up [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]

VITAL SIGNS *(record most abnormal value between 00:00 to 24:00)*

Temperature [___][___].[___]°C **Heart rate** [___][___][___]beats per min **Respiratory rate** [___][___]breaths/min

BP [___] [___] [___](systolic) [___][___][___](diastolic) mmHg **Severe dehydration** ☐Yes ☐No ☐Unknown

Sternal capillary refill time >2seconds ☐Yes ☐No ☐Unknown **GCS/15** [___][___]

Oxygen saturation [___][___][___]% on ☐ room air ☐ oxygen therapy ☐Unknown **A V P U** (circle one)

DAILY CLINICAL FEATURES *(Unk = Unknown)*

Cough	☐Yes ☐No ☐Unk		Seizures	☐Yes ☐No ☐Unk	
and sputum production	☐Yes ☐No ☐Unk		Vomiting / Nausea	☐Yes ☐No ☐Unk	
Sore throat	☐Yes ☐No ☐Unk		Diarrhoea	☐Yes ☐No ☐Unk	
Chest pain	☐Yes ☐No ☐Unk		Conjunctivitis	☐Yes ☐No ☐Unk	
Shortness of breath	☐Yes ☐No ☐Unk		Myalgia	☐Yes ☐No ☐Unk	
Confusion	☐Yes ☐No ☐Unk		Other, specify:_____	☐Yes ☐No ☐Unk	

LABORATORY RESULTS (*record units if different from those listed)

Parameter	Value*	Not done	Parameter	Value*	Not done
Haemoglobin (g/L)		☐	Creatinine (µmol/L)		☐
WBC count (x10⁹/L)		☐	Sodium (mEq/L)		☐
Haematocrit (%)		☐	Potassium (mEq/L)		☐
Platelets (x10⁹/L)		☐	Procalcitonin (ng/mL)		☐
APTT/APTR		☐	CRP (mg/L)		☐
PT (seconds)		☐	LDH (U/L)		☐
INR		☐	Creatine kinase (U/L)		☐
ALT/SGPT (U/L)		☐	Troponin (ng/mL)		☐
Total bilirubin (µmol/L)		☐	ESR (mm/hr)		☐
AST/SGOT (U/L)		☐	D-dimer (mg/L)		☐
Urea (BUN) (mmol/L)		☐	Ferritin (ng/mL)		☐
Lactate (mmol/L)		☐	IL-6 (pg/mL)		☐

MEDICATION ***Is the patient CURRENTLY receiving any of the following?***

Oral/orogastric fluids? ☐Yes ☐No ☐ Unknown **Intravenous fluids?** ☐Yes ☐No ☐Unknown

Antiviral? ☐Yes ☐No ☐Unknown **If yes:** ○Ribavirin ○Lopinavir/Ritonavir ○Neuraminidase inhibitor ○Interferon alpha ○Interferon beta ○Other, specify: _____

Corticosteroid? ☐Yes ☐No ☐Unknown **If yes,** route: ○Oral ○Intravenous ○Inhaled

If yes, please provide agent and maximum daily dose: _____

Antibiotic? ☐Yes ☐No ☐Unknown **Antifungal agent?** ☐Yes ☐No ☐Unknown

Antimalarial agent? ☐Yes ☐No ☐Unknown **If yes,** specify: _____

Experimental agent? ☐Yes ☐No ☐Unknown **If yes,** specify: _____

Non-steroidal anti-inflammatory (NSAID) ☐Yes ☐No ☐Unknown

Angiotensin converting enzyme inhibitors (ACE inhibitors) ☐Yes ☐No ☐Unknown

Angiotensin II receptor blockers (ARBs) ☐Yes ☐No ☐Unknown

SUPPORTIVE CARE ***Is the patient CURRENTLY receiving any of the following?***

ICU or High Dependency Unit admission? ☐Yes ☐No ☐Unknown

Oxygen therapy? ☐Yes ☐No ☐Unknown **If yes,** complete all below:

O_2 flow volume: ☐1-5 L/min ☐6-10 L/min ☐11-15 L/min ☐>15 L/min ☐Unknown

Source of oxygen: ☐Piped ☐Cylinder ☐Concentrator ☐Unknown

Interface: ☐Nasal prongs ☐HF nasal cannula ☐Mask ☐Mask with reservoir ☐CPAP/NIV mask ☐Unknown

Non-invasive ventilation? *(e.g. BIPAP, CPAP)* ☐Yes ☐No ☐Unknown

Invasive ventilation *(Any)***?** ☐Yes ☐No ☐Unknown **Inotropes/vasopressors?** ☐Yes ☐No ☐Unknown

Extracorporeal (ECMO) support? ☐Yes ☐No ☐Unknown **Prone position?** ☐Yes ☐No ☐ Unknown

Renal replacement therapy (RRT) or dialysis? ☐Yes ☐No ☐Unknown