

COVID-19 CASE REPORT FORM

This Case Report Form (CRF) has been adapted from the ISARIC/WHO COVID-19 Case Report Form. Available from https://media.tghn.org/medialibrary/2020/05/ISARIC WHO nCOV CORE CRF 23APR20.pdf

The CRF collects basic sociodemographic and clinical data from suspected and confirmed cases of COVID-19. Refer to the data management document for further information.

GENERAL GUIDANCE:

- The CRF is designed to collect data obtained through interview, examination, review of patients and hospital notes. Data may be collected retrospectively.
- Participant Identification Numbers consist of a 3-digit site code and a 4-digit participant number.
- Data should be entered to the prepared electronic REDCap database (preferred). Although not intended presently, printed paper CRFs may be used for later transfer of the data onto the electronic database. If using paper CRFs, we recommend writing clearly in ink, using BLOCK-CAPITAL LETTERS.
- In the case of a participant transferring between sites, it is recommended to maintain the same Participant Identification Number.
- Complete every line of every section, except for where the instructions say to skip a section based on certain responses.
- Selections with circles (**O**) are single selection answers (choose one answer only). Selections with square boxes (**D**) are multiple selection answers (choose as many answers as are applicable).
- Mark 'N/A' 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.
- 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 with patient identifiable information via e-mail or post except authorized by the MoH/GHS and
 authorized persons.



Data Collector's Details
Name:
Facility name:
Location (Region/Province/Country etc.)
Telephone number:
Email:
Form Completion Date: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
MODULE 1: PRESENTATION/ADMISSION Clinical Inclusion Criteria
Suspected or proven COVID-19 infection as main cause for admission: O Suspected O Confirmed
Samples taken O YES O NO
Date samples were taken: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Date results were received: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Category of Case
O New Case (Prospective data) Current Admission (retrospective and prospective data)
O Discharged (retrospective data only) O Dead (retrospective data only)
Demographics Date of Birth:: [D][D]/[M][M]/[Y][Y][Y] Age: [][] years OR [][] months (if < 12 months) Sex at birth: O Male O Female O Not specified Home Address (with landmarks):
Country of Residence: Nationality: Educational Level Completed: O Basic O JHS O Middle School O Secondary (SHS/ Form 1-6) O Tertiary (diploma and above) O Post Graduate O Other: Patient's Occupation / Profession (where they spend the most of their working time): Patient's Occupation / Profession (major source of income): O same as above Other: Specify: Location of Workplace: (with landmarks):
Employed as a Healthcare Worker? OYES ONO ON/A Employed in a microbiology laboratory? OYES ONO ON/A Ethinicity: (select one only): O Arab O Black O East Asian O South Asian O West Asian O Unknown O Aboriginal/First Nations O Other: O Unknown



Case Pathway (facilities visited prior to arrival at current facility. Repeat for as many visits as required)
Visit to healthcare facility or treatment resource O YES O NO
Name of healthcare facility or treatment resource: Location (Region/Province etc.):
Type: O Hospital/Clinic OPharmacy OMaternity home OHealthcare professional out of facility ON/A
Date of visit [_D_](_M_](_M_]/[_2_][_0_](_Y_](_Y_)
Admission and Referral
Contact with emergency number/ hotline O YES O NO
Date of emergency contact: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] • N/A
Admission date at this facility: [D][D]/[M][M]/[2][0][Y][Y]
Time of admission (24-hr format):[_H_][_H_]/[_M_] OUnknown
Transfer from other facility? OYES ONO ON/A
If YES: Facility name: Location (Region/Province etc.): If YES: Reporting date at transferring facility (DD/MM/YYYY): [_D_][_D_]/[_M_]/[_2_][_0_][_Y_][_Y_] ON/A
If YES: Participant ID # at transferring facility: OSame as current facility ODifferent: [][][][][][][]
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Epidemiological Factors
In the 14 days before onset of illness had the patient any of the following:
Travel (out of town/city) in the 14 days prior to first symptom onset? (capture all travel events) OYES ONO OUnknown
If Yes, specify location: Location (Region/Province etc.)
Return Date: [D][D]/[M][M]/[2][0][Y][Y] O N/A
Close contact* with a confirmed or probable case of COVID-19 infection,
while that patient was symptomatic O YES O NO O Unknown
Decree to the little of Cally and Covid Act of all and a second of Cally and
Presence in a healthcare facility where COVID-19 infections have been managed OYES ONO OUnknown
Presence in a laboratory handling suspected or confirmed COVID-19 samples O YES O NO O Unknown
resence in a laboratory handling suspected of commined COVID-13 samples
Direct contact with animals, raw meat or insect bites in the 14 days prior to symptom onset?
O YES O NO O Unknown
If YES, complete the ANIMAL EXPOSURE section
* Close contact' is defined as:
- Health care associated exposure, including providing direct care for novel coronavirus patients, e.g. health care worker, working with health
care workers infected with novel coronavirus, visiting patients or staying in the same close environment of a novel coronavirus patient, or direct exposure to body fluids or specimens including aerosols.
- Working together in close proximity or sharing the same classroom environment with a novel coronavirus patient.
- Traveling together with novel coronavirus patient in any kind of conveyance.
- Living in the same household as a novel coronavirus patient.
Pregnancy and Postpartum
Pregnant? O YES O NO O Unknown O N/A If YES: Gestational weeks assessment: [][] weeks POST PARTUM? O YES O NO O N/A (if NO or N/A skip this section - go to INFANT)
Pregnancy Outcome: OLive birth OStill birth Delivery date: [D][D]/[M][M]/[2][O][Y][Y]
Infants and Children under 5 years of age only
Infected infant i.e. Less than 1 year old? OYES ONO (If NO skip this section)
Birth weight: [][]. [] Okg or Olbs ON/A Gestational outcome: O Term birth (≥37wk GA) OPreterm birth (<37wk GA) ON/A
Breastfed? OYES ONO ON/A If YES: OCurrently breastfed OBreastfeeding discontinued at [][]weeks□N/A
Appropriate development for age? OYES ONO OUnknown
Vaccinations appropriate for age/country? OYES ONO OUnknown ON/A



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Vaccination Information

Child aged 5 years and below? O YES O NO OUnknown

This should be completed for all children under 5 years old. All immunizations up to date for age of the child

Confirmation from the Immunization records If YES for both answers ignore the next Section

O YES	O NO	O Unknown
O YES	O NO	O Unknown

Complete this section if any of the question above were answered as NO or Unknown

Age	Vaccine	Given	Confirmation from Vaccination Records
	BCG	O YES O NO	O YES O NO
At Birth	OPV 0	O YES O NO	O YES O NO
	Hepatitis B	O YES O NO	O YES O NO
	OPV 1	O YES O NO	O YES O NO
Cynoolis	DPT/ Hep B/ Hib 1	O YES O NO	O YES O NO
6 weeks	Pneumococcal 1	O YES O NO	O YES O NO
	Rotavirus 1	O YES O NO	O YES O NO
	OPV 2	O YES O NO	O YES O NO
10 weeks	DPT/ Hep B/ Hib 2	O YES O NO	O YES O NO
10 weeks	Pneumococcal 2	O YES O NO	O YES O NO
	Rotavirus 2	O YES O NO	O YES O NO
	OPV 3	O YES O NO	O YES O NO
4.4	DPT/ Hep B/ Hib 3	O YES O NO	O YES O NO
14 weeks	Pneumococcal 3	O YES O NO	O YES O NO
	IPV	O YES O NO	O YES O NO
0 months	Measles-Rubella 1	O YES O NO	O YES O NO
9 months	Yellow Fever	O YES O NO	O YES O NO
	Measles-Rubella 2	O YES O NO	O YES O NO
18months	Meningitis A	O YES O NO	O YES O NO
	LLIN	O YES O NO	O YES O NO

Vitamin A Supplementation

Vitamin A Supplementation up to date for age of the child Confirmation from the Supplementation records

If YES for both answers ignore the next Section

O YES O NO O Unknown

O YES O NO O Unknown

	Complete this section	n if any of	the questi	on above v	vere answ	ered as NO	or Unkno	wn		
	Age (years)	0.5	1	1.5	2	2.5	3	3.5	4	4.5
	Supplementation	O YES	O YES	O YES	O YES	O YES	O YES	O YES	O YES	O YES
	given	O NO	O NO	O NO	O NO	O NO	O NO	O NO	O NO	O NO
1		_	_	_	_	_	_	_	_	_

Supplementation	O YES									
given	O NO									
Confirmation	O YES									
from	O NO									
supplementation										
records										

Deworming

Deworming Records up to date for age of the child Confirmation from the Deworming records

O YES O NO O Unknown O YES O NO O Unknown

If YES for both answers ignore the next Section

Complete this section if any of the question above were answered as NO or Unknown

Age (yrs)	2	2.5	3	3.5	4	4.5	5
Supplementation given	O YES						
	O NO						
Confirmation from	O YES						
supplementation records	O NO						



Signs and Symptoms Pre-Admiss may/may not be present at time of interv		reported prior to adm	ission and associated with this episode of acute illness. Symptoms
			If Yes-Date of Onset
History of fever	OYES ON	O O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Cough	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
dry	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
with sputum production	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
bloody sputum/haemoptysis	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Sore throat	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Runny nose (Rhinorrhoea)	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Ear pain	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Wheezing	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Chest pain	OYES ON		[D][D]/[M][M]/[2][O][Y][Y]
Muscle aches (Myalgia)	OYES ON	O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Joint pain (Arthralgia)	OYES ON	O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Fatigue / Tiredness	OYES ON	O O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Shortness of breath (dyspnea)	OYES ON	O O Unknown	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_)
Anosmia (loss of smell)	OYES ON	O O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Ageusia (loss of taste)	OYES ON	O O Unknown	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
Headache	OYES ON	O Unknown	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Altered consciousness/confusion	OYES ON	O O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Seizures	OYES ON	O O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Abdominal pain	OYES ON	O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Vomiting / Nausea	OYES ON	O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Loss of speech or movement	OYES ON	O Unknown	[D][D]/[M][M]/[2][O][Y][Y]
Diarrhoea	OYES ON	O O Unknown	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_)
Conjunctivitis	OYES ON	O O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Skin rash/discoloration	OYES ON	O O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Skin ulcers	OYES ON	O O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Oedema	OYES ON	O Unknown	[_D_](_M_](_M_]/(_2_](_0_](_Y_](_Y_]
Palpitations	OYES ON	O Unknown	[_D_](_M_](_M_]/[_2_](_0_](_Y_](_Y_)
Bleeding (Haemorrhage)	OYES ON	O Unknown	[_D_](_M_](_M_]/[_2_](_0_](_Y_](_Y_)
If bleeding: specify site(s):			
Oth or Computation			
Other Symptoms:			[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Other Symptoms:			[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
·			

Pre-admission Medication: (taken within 14 days of admission/ Presentation at the current health facility
Angiotensin converting enzyme inhibitors (ACE inhibitors) OYES ONO ON/A
If YES, select ACE inhibitor
O Benazepril (Lotensin) O Captopril O Enalapril (Vasotec) O Fosinopril O Lisinopril (Prinivil, Zestril)
O Moexipril O Perindopril O Quinapril (Accupril) O Ramipril (Altace) O Trandolapril
Other, please provide type:
Select route for each ACE inhibitor: Oral OIntravenous OIntramuscular
Angiotensin II receptor blockers (ARBs) OYES ONO ON/A
If YES, select ARB
O Candesartan (Atacand), O Eprosartan, O Irbesartan (Avapro), O Losartan (Cozaar), O Olmesartan (Benicar),
O Telmisartan (Micardis), O Valsartan (Diovan), O Azilsartan (Edarbi)
Other, please provide type:
Select route for each ARB: OOral OIntravenous OIntramuscular
No. 11 II
Non-steroidal anti-inflammatory (NSAIDs) OYES ONO ON/A
If YES, please provide type:
Select route for each NSAID: OOral OIntravenous OIntramuscular



Oral steroid? OYES ONO ON/A If YES, please provide type:	
Other immunosuppressant agents (not oral steroids) OYES ONO ON/A If YES, please provide type: Select route for each immunosuppressant agent: OOral OIntravenous OIntramo	uscular
Hydroxychloroquine? OYES ONO ON/A Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: Route: OOral OIntravenous OIntramuscular	days O Unknown
Chloroquine phosphate? OYES ONO ON/A Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: Route: OOral OIntravenous OIntramuscular	days O Unknown
Azithromycin? OYES ONO ON/A Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: Route: OOral OIntravenous OIntramuscular	days O Unknown
Antiviral agent? OYES ONO ON/A If YES: □Ribavirin □Lopinavir/Ritonav□ Neuraminidase inhibitor □Other _	vir □Interferon alpha □Interferon beta
Other Antibiotic? OYES ONO ON/A If YES, please provide type: Select route for each antibiotic agent: OOral OIntravenous OIntramuscular	
Antipyretic (excluding NSAIDs)? OYES ONO ON/A If YES, please provide type: Select route for each antipyretic: OOral OIntravenous OIntramuscular	
Other targeted COVID-19 Medications (repeat as many times as necessary)? OYES ONO ON/A If YES, please provide type:	

Hypertension	O YES	ONO	O Unknown	Sickle Cell Disease	O YES	ONO	O Unknown
Chronic cardiac disease, including congenital heart disease (not hypertension)	OYES	ONO	OUnknown	Obesity (as defined by clinical staff)	O YES	ONO	OUnknown
Chronic pulmonary disease (not asthma)	O YES	ONO	OUnknown	BMI (to be generated automatically)	O YES	ONO	OUnknown
Asthma (physician diagnosed)	O YES	ONO	OUnknown	Diabetes with complications	O YES	ONO	OUnknown
Chronic kidney disease	OYES	ONO	OUnknown	Diabetes without complications	O YES	ONO	OUnknown
Moderate or severe liver disease	O YES	ONO	OUnknown	Rheumatologic disorder	O YES	ONO	OUnknown
Mild liver disease	O YES	ONO	O Unknown	Dementia	O YES	ONO	O Unknown
Organ or bone marrow recipient	O YES	ONO	O Unknown	Malnutrition	O YES	ONO	O Unknown
Chronic neurological impairment/disease	OYES If YES s		OUnknown	Smoking	OYES (within past 12months) ONever smoked OFormer smoker (more than 12 months ago)		
Malignant neoplasm	OYES If YES s		OUnknown	If "Yes" or "former smoker" to smoking, how many sticks? OPer week OPer day			
Chronic hematologic disease	OYES If YES s		OUnknown	Alcohol OYES (within past 3 months) ONever used alcohol OFormer alcohol user (more than 3 months ago)			alcohol hol user
AIDS / HIV	O YES	ONO	O Unknown				
Other relevant risk factor	O YES	ONO	O Unknown	repeat as many times as necess	ary)		



Vitals at Hospital or Isolation Center Admission (fi	rst available data at presentation/admission)
Temperature: [_][_].[_]°C	HR: [][]beats per minute RR: [][]breaths per minute
Systolic BP: [_] [_] mmHg	Diastolic BP: [][]mmHg
Weight: [_] [_] . [_] Kg	Height: [_] [_] . [_] m
Capillary refill time >2seconds O YES O NO	OUnknown
Oxygen saturation: [][][]% On: O	Room air OOxygen therapy
Any supplemental oxygen: FiO ₂ (0.21-1.0) [].	[][] or [][] % or [][]L/min

During Admission Signs and Symptoms (repeat for as many days as required)						
		If Yes-Date				
Fever	OYES ONO OUnknown	[D][D]/[M][M]/[2][O][Y][Y]				
Cough	OYES ONO OUnknown	[D][D]/[M][M]/[2][O][Y][Y]				
_	OYES ONO OUNKnown					
dry	OYES ONO OUnknown					
with sputum production	OYES ONO OUNKnown					
bloody sputum/haemoptysis	OYES ONO OUnknown					
Sore throat	OYES ONO OUNKNOWN	[_D_][_D_]/[_M_](_M_]/[_2_][_0_][_Y_][_Y_]				
Runny nose (Rhinorrhoea)	OYES ONO OUnknown	[_D_](_D_]/[_M_](_M_]/(_2_](_0_](_Y_](_Y_)				
Ear pain	OYES ONO OUNKNOWN	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				
Wheezing	OYES ONO OUNKNOWN	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				
Chest pain	OYES ONO OUNKNOWN	[D][D]/[M][M]/[2][0][Y][Y]				
Muscle aches (Myalgia)	OYES ONO OUNKNOWN					
Joint pain (Arthralgia)	OYES ONO OUNKNOWN					
Fatigue / Tiredness	OYES ONO OUNKNOWN					
Shortness of breath (dyspnea)	OYES ONO OUNKNOWN					
Anosmia (loss of smell)						
Ageusia (loss of taste)	OYES ONO OUnknown	[_U_J[_U_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				
Lower chest wall indrawing	OYES ONO OUnknown	[D][D]/[M][M]/[2][0][Y][Y]				
Headache	OYES ONO OUnknown	[D][D]/[M][M]/[2][0][Y][Y]				
Altered consciousness/confusion	OYES ONO OUnknown	[D][D]/[M][M]/[2][O][Y][Y]				
Seizures	OYES ONO OUnknown	[D][D]/[M][M]/[2][O][Y][Y]				
Abdominal pain	OYES ONO OUnknown					
Vomiting / Nausea	OYES ONO OUnknown					
	OYES ONO OUnknown					
Loss of speech or movement	OYES ONO OUnknown					
Diarrhoea	OYES ONO OUnknown					
Conjunctivitis	OYES ONO OUnknown					
Skin rash/discoloration	OYES ONO OUnknown	[_D_][_D_]/[_M_](_M_]/[_2_][_0_][_Y_][_Y_]				
Skin ulcers	OYES ONO OUnknown	[_D_](_D_]/[_M_](_M_]/(_2_](_0_](_Y_](_Y_)				
Lymphadenopathy	OYES ONO OUnknown	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				
Oedema	OYES ONO OUnknown	[D][D]/[M][M]/[2][0][Y][Y]				
Palpitations	OYES ONO OUnknown	[D][D]/[M][M]/[2][0][Y][Y]				
Bleeding (Haemorrhage)	OYES ONO OUnknown	[D][D]/[M][M]/[2][0][Y][Y]				
If bleeding: specify site(s):						
steeding opediny stee(s).						
Oth or Committee						
Other Symptoms:		[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				
Other Symptoms:		[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_)(_Y_)				
Clinical pneumonia diagnosed?	OYES ONO OUnknown	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]				



COVID-19 CASE REPORT FORM

MODULE 2: RECURRENT CLINICAL ASSESSMENTS

Recurrent Vitals Records (to be completed at any time vitals are recorded)	
Date of Assessment (DD/MM/YYYY): [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]	
Time of Assessment (24-hr format):[_H_][_H_]/[_M_][_M_]	
Done OYES ONO Glasgow Coma SGHS (GCS / 15) [][]	
Done O YES O NO Temperature: [_] [_] [_] O °C or O °F	
Done OYES ONO HR: [_][_]beats per minute	
Done OYES ONO RR: [_][_]breaths per minute	
Done OYES ONO Systolic BP: [_] [_] mmHg Diastolic BP: [_] [_] mmHg	
Done OYES ONO Capillary refill time >2seconds OYES ONO OUnknown	
Done OYES ONO Oxygen saturation: [_][_][_]% On: ORoom air OOxygen therapy ON/A	
Recurrent ICU/ITU/IMC/HDU Records (to be completed at any time vitals are recorded)	
Date of Assessment (DD/MM/YYYY): [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]	
Time of Assessment (24-hr format):[_H_][_H_]/[_M_][_M_]	
Current admission to ICU/ITU/IMC/HDU? OYES ONO	
Done O YES O NO FiO ₂ (0.21-1.0) [].[] or []L/min	
Done OYES ONO PaO ₂ at time of FiO ₂ above [][]OkPa or OmmHg	
Done OYES ONO PaO ₂ sample type: O Arterial O Venous O Capillary ON/A	
Done OYES ONO From same blood gas record as PaO ₂ PCO ₂ OkPa or OmmHg	
Done OYES ONO pH	
Done OYES ONO HCO ₃ mEq/L	
Done OYES ONO Base excess mmol/L	
Done O YES O NO Urine flow rate [][][][]mL/24 hours □ Check if estimated	
Is the patient currently receiving, or has received (apply to all questions in this section):	
High-flow nasal canula oxygen therapy OYES ONO ON/A	
Non-invasive ventilation (e.g. BIPAP, CPAP)? OYES ONO ON/A	
Invasive ventilation? OYES ONO ON/A	
Extra corporeal life support (ECLS)? OYES ONO ON/A	
Dialysis/Hemofiltration? OYES ONO ON/A	
Any vasopressor/inotropic support? • YES • NO (if NO, answer the next 3 questions NO) • N/A	
Dopamine <5μg/kg/min OR Dobutamine OR milrinone OR levosimendan:	OYES ONO
Dopamine 5-15 μ g/kg/min OR Epinephrine/Norepinephrine < 0.1 μ g/kg/min OR vasopressin OR phenylephrine	
Dopamine >15μg/kg/min OR Epinephrine/Norepinephrine > 0.1μg/kg/min:	OYES ONO
Neuromuscular blocking agents? OYES ONO ON/A	
Inhaled Nitric Oxide? OYES ONO ON/A	
Tracheostomy inserted? OYES ONO ON/A	
Prone positioning? OYES ONO ON/A	
Other intervention or procedure: OYES ONO ON/A If YES, Specify:	



Laboratory Results (repeat for as many samples taken)
HAEMATOLOGY
DATE OF SAMPLING (DD/MM/YYYY): [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Time of sampling (24-hr format): [_H_][_H_]/[_M_]
Done OYES ONO Haemoglobin Og/L or Og/dL
Done O YES O NO WBC count O x10 ⁹ /L or O x10 ³ /μL
Done OYES ONO Lymphocyte countOcells/ μL
Done OYES ONO Neutrophil countO cells/ μL
Done OYES ONO Haematocrit [][]%
Done OYES ONO PlateletsOx10 ⁹ /L or Ox10 ³ /μL
Done OYES ONO APTT/APTR
Done OYES ONO PTseconds
Done OYES ONO INR
Done OYES ONO G6PD ONo defect OPartial defect OFull defect
Done O YES O NO HB Electrophoresis: □HbA □HbF □HbS □HbC □HbE □Other
·
PREGNANCY TEST
DATE OF SAMPLING (DD/MM/YYYY): [_D_](_M_](_M_](_2_](_0_](_Y_](_Y_)
Time of sampling (24-hr format):[_H_][_H_]/[_M_]
Done OYES ONO URINE PREGNANCY TEST (TOTA ßhCG URINE) OPositive ONegative
BIOCHEMISTRY
DATE OF SAMPLING (DD/MM/YYYY): [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Time of sampling (24-hr format): [_H_][_H_]/[_M_]
Done OYES ONO ALT/SGPTU/L
Done OYES ONO ALPU/L
Done OYES ONO GGTU/L
Done OYES ONO Total Protein U/L
Done OYES ONO AlbuminU/L
Done OYES ONO GlobulinU/L
Done OYES ONO Total BilirubinOμmol/L or Omg/dL
Done OYES ONO AST/SGOT U/L
Done OYES ONO GlucoseOmmol/L or Omg/dL
Done OYES ONO Blood Urea Nitrogen (urea)Ommol/L or Omg/dL
Done OYES ONO Creatinine Oµmol/L or Omg/dL
Done OYES ONO Sodium [][][] mEq/L
Done OYES ONO Sodium j[j j
Done Ores ONO Potassium [j[j.[j meq/L
Done O YES O NO hs-CRP_[][].[]_mg/L
Done OYES ONO HBA1C:%
Done OYES ONO Total Cholesterolmmol/L
Done OYES ONO Triglyceridesmmol/L
Done OYES ONO HDLmmol/L
Done OYES ONO LDLmmol/L
Done OYES ONO VLDLmmol/L
Done OYES ONO Coronary Risk (number)



MALARIA MICROSCOPY Done OYES ONO parasites/hpf
URINE R/E DATE OF SAMPLING (DD/MM/YYYY): DD DATE OF SAMPLING (DATE OF SAMPLING (DD/MM/YYYY): DD DATE OF SAMPLING (DD/MM/YYYY): DD DATE OF SAMPLING (DATE OF SAMPLING (DD/MM/YYYY): DD DATE OF SAMPLING (DD/MM/YYY
STOOL R/E DATE OF SAMPLING (DD/MM/YYYY): [D][D]/[M][M]/[2][0][Y][Y] Time of sampling (24-hr format): [H][H]/[M][M] Done OYES ONO Color: O Brown O Black O Pale O Red/Blood Stained O Green OYellow Oother: Form & Consistency: O Well-formed OLoose O Mucoid Oother: Reaction: Charcot- Leyden Crystals: OPresent OAbsent If Present quantify Pus cells: OPresent OAbsent If Present quantify RBC: OPresent OAbsent If Present quantify Macrophages: OPresent OAbsent If Present quantify Protozoal parasites: OPresent OAbsent If Present quantify Helminthic ova: OPresent OAbsent If Present quantify Other observations:
SEROLOGY Done OYES ONO Hepatitis A (screening) OPositive Done OYES ONO Hepatitis B (screening) OPositive Done OYES ONO Hepatitis C (screening) OPositive Done OYES ONO Hepatitis D (screening) OPositive Done OYES ONO Hepatitis D (screening) OPositive Done OYES ONO Hepatitis E (screening) OPositive ONegative ONegative ONegative ONegative



COVID-19 CASE REPORT FORM

MODULE 3: OUTCOMES

Treatment: At ANY time during hospitalization, did the patient receive/ undergo:					
Is the patient currently receiving, or has received (apply to all questions in this section):					
High-flow nasal canula oxygen therapy OYES ONO ON/A	If YES, total duration:	days			
Non-invasive ventilation (e.g. BIPAP, CPAP)? OYES ONO ON/A	If YES, total duration:	days			
Invasive ventilation? OYES ONO ON/A	If YES, total duration:	days			
Prone positioning? OYES ONO ON/A	If YES, total duration:	days			
Extra corporeal life support (ECLS)? OYES ONO ON/A	If YES, total duration:	days			
Dialysis/Hemofiltration? OYES ONO ON/A					
Any vasopressor/inotropic support? OYES ONO (if NO, answer th	e next 3 questions NO) O	N/A			
If Yes, State duration:	days (repeat for each	that is positive)			
Dopamine <5µg/kg/min OR Dobutamine OR milrinone OR levos	imendan:		OYES ONO		
Dopamine 5-15µg/kg/min OR Epinephrine/Norepinephrine < 0.	OYES ONO				
Dopamine >15µg/kg/min OR Epinephrine/Norepinephrine > 0.1	OYES ONO				
Neuromuscular blocking agents? OYES ONO ON/A					
Inhaled Nitric Oxide? OYES ONO ON/A					
Tracheostomy inserted? OYES ONO ON/A					
Other intervention or procedure: OYES ONO ON/A If YES, Specify:					
ICU or High Dependency Unit admission? OYES ONO ON/A If YES, total duration:days					
If Yes, date of ICU admission: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]					
date of ICU discharge: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]					

Date	Biospecimen Type	Laboratory test Method	Pathogen	Specimen Shipped to other Laboratory for confirmation
(DD/MM/YYYY): [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Time (24-hr format):[_H_][_H_]/[_M_][_M_]	OBlood ONasal/NP swab OThroat swab OCombined nasal/NP+throat swab OSputum OOther, Specify:	OPCR OCulture OOther, Specify:	O Positive O Negative If Positive specify: 1. 2. 3. 4. 5.	OYES ONO



		If Yes-Date
	<u>, </u>	•
Viral pneumonitis	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Bacterial pneumonia	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_][_0_][_Y_][_Y_]
Acute Respiratory Distress Syndrome	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Pneumothorax	O YES O NO ON/A	[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_]
Pleural effusion	O YES O NO ON/A	[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_]
Cryptogenic organizing pneumonia (COP)	O YES O NO ON/A	_D_/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
Bronchiolitis	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_][_0_][_Y_][_Y_]
Meningitis / Encephalitis	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_][_0_][_Y_][_Y_]
Seizure	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Stroke / Cerebrovascular accident	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Congestive heart failure	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Endocarditis / Myocarditis / Pericarditis	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Cardiac arrhythmia	O YES O NO ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Cardiac ischemia	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Cardiac arrest	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Bacteremia	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Coagulation disorder / Disseminated Intravascular Coagulation	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Anaemia If yes, specify: □Mild □Moderate □Severe	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Rhabdomyolysis / Myositis	O YES O NO ON/A	[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_]
Acute renal injury/ Acute renal failure	O YES O NO ON/A	_D_/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
Gastrointestinal haemorrhage	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
Pancreatitis	O YES O NO ON/A	[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_]
Liver dysfunction	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
Hyperglycemia	O YES O NO ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Hypoglycemia	O YES O NO ON/A	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_]
	O YES O NO ON/A	[_D_](_M_](_M_]/[_2_](_0_](_Y_](_Y_)



Medication: While hospitalise	d or at discharge, were any of the following administered:	
Antiviral agent? OYES ONO		
If YES specific all the agents a	nd duration	
□Ribavirin	Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days	O Unk
□Lopinavir/Ritonavir	$ \begin{tabular}{lllllllllllllllllllllllllllllllllll$	O Unk
□Interferon alpha	$ \begin{tabular}{lllllllllllllllllllllllllllllllllll$	O Unk
□Interferon beta	Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]	O Unk
☐ Neuraminidase inhibitor	Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days	O Unk
□Other	$\label{lem:days} \mbox{Date commenced $[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]$ Duration: $__$ days}$	O Unk
Hydroxychloroquine ? O YE	S ONO ON/A	
Date commenced [D][D],	/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days O Unk	
Route: OOral OIntravenous		
Chloroquine phosphate? •	YES ONO ON/A	
Date commenced [_D_][_D_],	/[_M_](_M_]/[_2_][_0_](_Y_](_Y_) Duration: days O Unk	
Route: OOral OIntravenous	O Intramuscular	
Azithromycin? OYES ONO O	DN/A	
Date commenced [_D_][_D_],	/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days O Unk	
Route: OOral OIntravenous	O Intramuscular	
Antibiotic (repeat for as many a	ntibiotics as required)? OYES ONO ON/A	
If YES specify all the agents ar		
	$\label{lem:days} \mbox{ Date commenced $[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]$ Duration: $_\ days$}$	O Unk
Route: OOral OIntravenous	OIntramuscular	
Antipyretic (repeat for as many	antipyretics as required)? OYES ONO ON/A	
If YES specify all the agents ar		_
Agent:Route: OOral OIntravenous	Date commenced $[D][D]/[M][M]/[2][0][Y][Y]$ Duration: days OIntramuscular	O Unk
Corticosteroid? OYES ONO	O N/A	
If YES specify the agents and o	duration,	
	$\label{lem:days} \begin{tabular}{lllllllllllllllllllllllllllllllllll$	O Unk
Route: OOral OIntravenous	O Intramuscular	
Heparin? OYES ONO ON/	4	
	/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days O Unk	
Route: OSubcutaneous OIntr	avenous OIntramuscular	
	as necessary)? OYES ONO ON/A	
If YES specify all the agents ar		
	Date commenced [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Duration: days	O Unk
Route: OOral OIntravenous	Ointramuscular Ointramuscular	



Outcome
Outcome date: [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] Outcome: O Discharged O Recovered (confirmed by Negative COIVD-19 test) O Discharged to continue home-based care OPalliative discharge
Results of COVID-19 PCR test at discharge: O Positive O Negative O Unknown If Discharged alive; ability to self-care at discharge versus before illness: O Same as before illness O Worse O Better O N/A If Discharged alive; post-discharge treatment: Oxygen therapy? O YES O NO O N/A Dialysis/renal treatment? O YES O NO O N/A Other intervention or procedure? O YES O NO O N/A If YES: Specify (multiple permitted): If Transferred: : Facility name: Location (Region/Province etc.): If Transferred: Is the transfer facility a study site? O YES O NO O N/A If a Study Site: Participant ID# at new facility: O Same as above O Different: [][] [] - [][] [] O N/A
Diagnosis:
1. 2.
3.
4.
5.



COVID-19 CASE REPORT FORM

SUPPLEMENTARY FORM 1

Kessler Psychological Distress Scale (K10)

Scale completed: O YES O NO

Complete all the questions in the scale Each item is scored from 1 'none of the time' to 5 'all of the time'. Scores of the 10 items are then summed, yielding a minimum score of 10 and a maximum score of 50.

Question Number	Please tick the answer that is correct for you	All of the time	Most of the time	Some of the time	A little of the time	None of the time
		(score 5)	(score 4)	(score 3)	(score 2)	(score 1)
1	In the past 4 weeks, about how often did you feel tired out for no good reason?					
2	In the past 4 weeks, about how often did you feel nervous?					
3*	In the past 4 weeks, about how often did you feel so nervous that nothing could calm you down?					
4	In the past 4 weeks, about how often did you feel hopeless?					
5	In the past 4 weeks, about how often did you feel restless or fidgety?					
6*	In the past 4 weeks, about how often did you feel so restless you could not sit still?					
7	In the past 4 weeks, about how often did you feel depressed?					
8	In the past 4 weeks, about how often did you feel that everything was an effort?					
9	In the past 4 weeks, about how often did you feel so sad that nothing could cheer you up?					
10	In the past 4 weeks, about how often did you feel worthless?					

*Questions 3 (three) and 6 (six) if the response to the preceding question was 'none of the time'. In such cases questions 3 (three) and 6 (six) should receive an automatic score of 1 (one)

of 50

Interpretation of score

K10 Score: Likelihood of having a mental disorder (psychological distress)

- O 10 19 Likely to be well
- O 20 24 Likely to have a mild disorder
- O 25 29 Likely to have a moderate disorder
- O 30 50 Likely to have a severe disorder



COVID-19 CASE REPORT FORM

SUPPLEMENTARY FORM 2

ANUMAL EVPOCUPES, Did the noti	ont house		at with live /de	ad animala yayı maat ay inaast hitas in the 14 days
ANIMAL EXPOSURES: Did the patient have contact with live/dead animals, raw meat or insect bites in the 14 days prior to first symptom onset? OYES ONO ON/A If yes, complete each line below.				
If YES, specify the animal/insect, type of contact and date of exposure (DD/MM/YYYY) here:				
Bird/Aves (e.g. chickens, turkeys,	OYES	ONO	ON/A	[_D_](_D_]/[_M_](_M_]/[_2_](_0_](_Y_](_Y_)
ducks) Bat	OYES	ONO	ON/A	
Livestock (e.g. goats, cattle, camels)	OYES	ONO		[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_] [_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
Horse			•	
110100	OYES	ONO	ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Rabbit / Hare	OYES	ONO		[D][D]/[M][M]/[2][O][Y][Y]
Pigs	OYES		ON/A	[D][D]/[M][M][2][0][Y][Y]
Non-human primates	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Rodent (e.g. rats, mice, squirrels)	OYES		ON/A	
Insect or tick bite (e.g. tick, flea,	O YES	ONO	ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
mosquito)	OVEC	ONO	O N1/A	
Reptile / Amphibian	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Domestic animals living in his/her home (e.g. cats, dogs, other)	OYES	ONO	ON/A	[_D_](_D_]/(_M_](_M_]/(_2_](_0_](_Y_](_Y_)
Animal faeces or nests	OYES	ONO	ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Sick animal or dead animal	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Raw animal meat / animal blood	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Skinned, dressed or eaten wild game	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
Visit to live animal market, farm or	OYES		ON/A	[D][D]/[M][M]/[2][O][Y][Y]
zoo	OILS	ONO	ON/A	
Participated in animal surgery or	OVES	ONO	ON/A	[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]
necropsy		-110	• 14/A	
Other animal contacts:				[D][D]/[M][M]/[2][O][Y][Y]
				[D][D]/[M][M]/[2][O][Y][Y]
				[D][D]/[M][M]/[2][O][Y][Y]
				[_D_][_D_]/[_M_][_M_]/[_2_][_0_][_Y_][_Y_]



African coalition for Epidemic Research, Response and Training