

Pregnancy CRF (CRF-P)

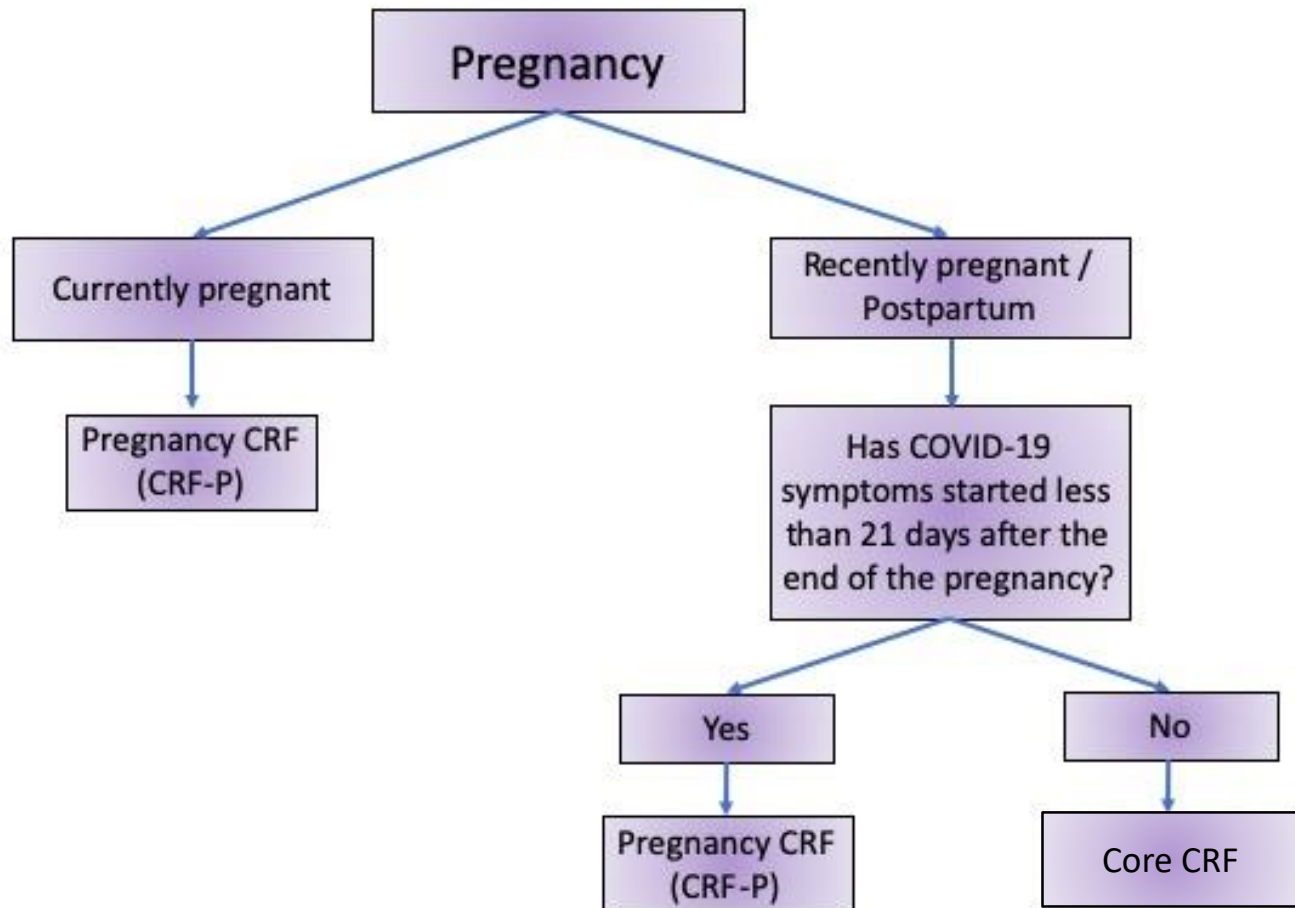
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Pregnancy CRF: Flow diagram



CRF-P Module 1



Module 1 – page 1

PREGNANCY MODULE 1. Complete on hospital admission (within 24 hrs from hospital admission)

Facility name: _____ Country: _____

Date of enrolment: [D][D]/[M][M]/[2][0][Y][Y]

1a. CLINICAL INCLUSION CRITERIA

Proven or suspected infection with pathogen of public health interest ☐ Yes ☐ No

One or more		A history of self-reported feverishness or measured fever of $\geq 38^{\circ}\text{C}$	<input type="checkbox"/> Yes <input type="checkbox"/> No
of these		Cough	<input type="checkbox"/> Yes <input type="checkbox"/> No
during this		Dyspnoea (shortness of breath) OR Tachypnoea*	<input type="checkbox"/> Yes <input type="checkbox"/> No
illness		Clinical suspicion of ARI despite not meeting criteria above	<input type="checkbox"/> Yes <input type="checkbox"/> No

* Respiratory rate ≥ 50 breaths/min for < 1 year; ≥ 40 for 1–4 years; ≥ 30 for 5–12 years; ≥ 20 for ≥ 13 years

1b. DEMOGRAPHICS

Sex at birth ☐ Male ☐ Female ☐ Not specified Date of birth [D][D]/[M][M]/[Y][Y][Y][Y]

If date of birth is unknown, record: Age [][] years OR [][] months

Health care worker? ☐ Yes ☐ No ☐ Unknown Laboratory worker? ☐ Yes ☐ No ☐ Unknown

Pregnant?* ☐ Yes ☐ No ☐ Unknown ☐ N/A If yes: Gestational weeks assessment [][] weeks

If currently pregnant or recently pregnant (delivery within 21 days of symptom onset), complete all sections

1c. DATE OF ONSET AND ADMISSION VITAL SIGNS (first available data at presentation/admission)

Symptom onset (date of first/earliest symptom) [D][D]/[M][M]/[2][0][Y][Y]

Admission date at this facility [D][D]/[M][M]/[2][0][Y][Y]

Temperature [][] $^{\circ}\text{C}$ Heart rate [][] beats/min

Module 1 continued

1j. PREGNANCY STATUS UPON ADMISSION

Pregnant not in labour ☐

Pregnant in labour ☐

Postpartum [days]* ☐ [days] Breastfeeding? ☐ Yes ☐ No

Post-abortion/miscarriage ☐

Number of fetuses ☐ Singleton ☐ Twin ☐ Triplet ☐ Other [number] ☐ Unknown

Best estimate of gestational age in completed weeks [W][W] weeks

Module 1

1k. ABORTION OR MISCARRIAGE (prior to admission)

Date of induced abortion or spontaneous abortion/miscarriage?

[_D_] [_D_] / [_M_] [_M_] / [_2_] [_0_] [_Y_] [_Y_]

Were symptoms of COVID-19 disease present at the time?

☐Yes ☐No ☐Unknown

1l. OBSTETRIC HISTORY

Number of previous pregnancies beyond 22 weeks gestation [number]

Number of previous vaginal deliveries [number]

Number of previous cesarean deliveries [number]

1m. Please tick any which apply to previous deliveries:

Preterm birth (< 37 weeks' gestation)

☐Yes ☐No ☐Unknown

Congenital anomaly

☐Yes ☐No ☐Unknown

Stillborn

☐Yes ☐No ☐Unknown

Neonatal death (0–6 days)

☐Yes [day:] ☐No ☐Unknown

Weight < 2.5 kg

☐Yes ☐No ☐Unknown

Weight > 4.5 kg

☐Yes ☐No ☐Unknown

Module 1 continued

1n. ALCOHOL, DRUGS – RISK FACTORS DURING THIS PREGNANCY	
Alcohol consumption	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Illicit/recreational drug use	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown

1o. MEDICATIONS DURING THIS PREGNANCY <i>(Prior to onset of current illness episode)</i>	
Fever or pain treatment	Acetaminophen/paracetamol <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
	NSAID/s <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
	Other/s (specify): [_____]
Anticonvulsants	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, specify generic name: [_____]
Anti-nausea	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, specify generic name: [_____]
Prenatal vitamins and micronutrients	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, specify generic name: [_____]
Antivirals	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, specify generic name: [_____]
Antibiotics	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, specify generic name: [_____]

Module 1

1p. ADMISSION SIGNS AND SYMPTOMS			
Vaginal watery discharge	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Vaginal bleeding	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Headaches	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Vision changes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Right upper quadrant (abdominal) pain	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Decreased or no fetal movement	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Uterine contractions	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown

1q. FETAL HEART RATE <i>(first available data at presentation/admission)</i>	
Fetal heart rate	(FHR): [] [] [] beats/min

CRF-P Module 2

2e. SUPPORTIVE CARE At any time during this 24-hour hospital day, did the patient receive:	
ICU or high dependency unit admission? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Date of ICU/HDU admission [D][D]/[M][M]/[2][0][Y][Y] <input type="checkbox"/> Unknown	
ICU/HDU discharge date [D][D]/[M][M]/[2][0][Y][Y] <input type="checkbox"/> Not discharged yet <input type="checkbox"/> Unknown	
Oxygen therapy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, complete all below:	
O ₂ flow: <input type="checkbox"/> 1–5 L/min <input type="checkbox"/> 6–10 L/min <input type="checkbox"/> 11–15 L/min <input type="checkbox"/> > 15 L/min <input type="checkbox"/> Unknown	
Source of oxygen: <input type="checkbox"/> Piped <input type="checkbox"/> Cylinder <input type="checkbox"/> Concentrator <input type="checkbox"/> Unknown	
Interface: <input type="checkbox"/> Nasal prongs <input type="checkbox"/> HF nasal cannula <input type="checkbox"/> Mask <input type="checkbox"/> Mask with reservoir <input type="checkbox"/> CPAP/NIV mask <input type="checkbox"/> Unknown	
Non-invasive ventilation? (e.g. BIPAP, CPAP) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Invasive ventilation (any)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, what were the following values closest to 08:00: PEEP (cm H ₂ O) _____; FiO ₂ (%) _____; Plateau pressure (cm H ₂ O) _____; PaCO ₂ _____; PaO ₂ _____	
Extracorporeal (ECMO) support? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Prone position? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Inotropes/vasopressors? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Renal replacement therapy (RRT) or dialysis? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	

2f. FETAL HEART RATE	
Fetal heart rate (record most abnormal value between 00:00 to 24:00)	(FHR): [][][] beats/min

2g. TREATMENT DURING HOSPITALIZATION At ANY time during hospitalization, did the patient receive/undergo:	
Tocolysis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Induction of labour	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Blood transfusion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown

CRF-P Module 3

3f. DELIVERY, PREGNANCY AND MATERNAL OUTCOMES	
Delivery during admission	<input type="checkbox"/> Yes <input type="checkbox"/> No
3g. PREGNANCY STATUS AT DISCHARGE	
Pregnancy outcome	<input type="checkbox"/> Undelivered
3i. NEONATAL OUTCOMES	
Mo	Date of birth [DD/MM/YYYY] [D][D]/[M][M]/[2][0][Y][Y] Time of birth [e.g. 14:21] [:]
On	Participant ID of the mother: [][][][][] - [][][][][] - [_Single digit Baby ID_]* *Complete one form per neonate
Ma	COVID-19 lab test of foetus or neonate <input type="checkbox"/> Performed <input type="checkbox"/> Not performed <input type="checkbox"/> Unknown If yes: [sample collected] [test description] [date of collection] [result]
Fet at c	If y cat
Am at c	Apgar score at 5 minutes Score: [][]
Oth out cor	Gestational age Weeks: [][] Days: [][]
	Birth weight Grams: [][][][]
	Respiratory distress syndrome <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Neonatal outcome <input type="checkbox"/> Discharged healthy <input type="checkbox"/> Discharged with complications/sequelae Details: [] <input type="checkbox"/> Clinical referral to specialist ward /other hospital Details: [] <input type="checkbox"/> Death Date of death: [D][D]/[M][M]/[Y][Y] <input type="checkbox"/> Unknown	

Module 3

Sections 3f–3i (to be completed if delivery happened within 21 days of symptom onset)

3f. DELIVERY, PREGNANCY AND MATERNAL OUTCOMES			
Delivery during admission	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Delivery date	[D][D]/[M][M]/[2][0][Y][Y]		
Mode of delivery	<input type="checkbox"/> Vaginal delivery <input type="checkbox"/> Caesarean section		
Onset of labour	<input type="checkbox"/> Spontaneous <input type="checkbox"/> Induced <input type="checkbox"/> Caesarean section before labour <input type="checkbox"/> Unknown		
Fetal presentation at delivery	<input type="checkbox"/> Cephalic <input type="checkbox"/> Transverse <input type="checkbox"/> Breech		
Amniotic fluid at delivery	<input type="checkbox"/> Clear <input type="checkbox"/> Meconium stained <input type="checkbox"/> Unknown		
Other maternal outcomes/pregnancy complications	Gestational diabetes	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Gestational hypertension	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Anaemia (Hb < 11 g/dL)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Hyperemesis	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Intrauterine growth restriction	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Placental previa/accreta/percreta	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Bacterial infection prior to hospital visit	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Pre-eclampsia/eclampsia	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Placental abruption	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Preterm contractions	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Preterm labour	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Preterm rupture of membranes	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Early or midterm miscarriage	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	Haemorrhage	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown
	If haemorrhage, which type:		<input type="checkbox"/> Antepartum/intrapartum <input type="checkbox"/> Postpartum haemorrhage <input type="checkbox"/> Abortion-related
Embolic disease	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown	
Anesthetic complication	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Unknown	

Module 3

3g. PREGNANCY STATUS AT DISCHARGE					
Pregnancy outcome		<input type="checkbox"/> Undelivered <input type="checkbox"/> Spontaneous abortion <input type="checkbox"/> Induced abortion <input type="checkbox"/> Missed abortion			
3h. SAMPLE COLLECTION					
Maternal If yes, please describe the test and the results	Any sampling conducted?	<input type="checkbox"/> Amniotic fluid	[_ test description _]	[_ date of collection _]	[_ result _]
	If so, please describe the test and the results	<input type="checkbox"/> Placenta	[_ test description _]	[_ date of collection _]	[_ result _]
		<input type="checkbox"/> Cord blood	[_ test description _]	[_ date of collection _]	[_ result _]
		<input type="checkbox"/> Vaginal swab	[_ test description _]	[_ date of collection _]	[_ result _]
		<input type="checkbox"/> Faeces/rectal swab	[_ test description _]	[_ date of collection _]	[_ result _]
		<input type="checkbox"/> Pregnancy tissue in the case of fetal demise/induced abortion	[_ test description _]	[_ date of collection _]	[_ result _]
		<input type="checkbox"/> Breastmilk	[_ test description _]	[_ date of collection _]	[_ result _]

Module 3

3i. NEONATAL OUTCOMES	
Date of birth [DD/MM/YYYY]	[_][_][_][_] / [_][_] / [_][_][_][_] [0][_] [Y][_] [Y][_]
Time of birth [e.g. 14:21]	[_]:[_]
Participant ID of the mother:	[_][_][_][_] -- [_][_][_][_] - [_] Single digit Baby ID_* *Complete one form per neonate
COVID-19 lab test of foetus or neonate	<input type="checkbox"/> Performed <input type="checkbox"/> Not performed <input type="checkbox"/> Unknown If yes: [_] sample collected [_] test description [_] date of collection [_] [_] result
Apgar score at 5 minutes	Score: [_][_]
Gestational age	Weeks: [_][_] Days: [_]
Birth weight	Grams: [_][_][_][_]
Respiratory distress syndrome	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown

Neonatal outcome	<input type="checkbox"/> Discharged healthy <input type="checkbox"/> Discharged with complications/sequelae Details: _____ <input type="checkbox"/> Clinical referral to specialist ward /other hospital Details: _____ <input type="checkbox"/> Death Date of death: [_][_] / [_][_] / [_][_] [Y][_] [Y][_] <input type="checkbox"/> Unknown
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If neonate died, primary cause of death	<input type="checkbox"/> Preterm/low birth weight <input type="checkbox"/> Birth asphyxia <input type="checkbox"/> Infection <input type="checkbox"/> Birth trauma <input type="checkbox"/> Congenital/birth defects <input type="checkbox"/> Other <input type="checkbox"/> Unknown
Any congenital anomalies	<input type="checkbox"/> Neural tube defects <input type="checkbox"/> Microcephaly <input type="checkbox"/> Congenital malformations of ear <input type="checkbox"/> Congenital heart defects <input type="checkbox"/> Orofacial clefts <input type="checkbox"/> Congenital malformations of digestive system <input type="checkbox"/> Congenital malformations of genital organs <input type="checkbox"/> Abdominal wall defects <input type="checkbox"/> Chromosomal abnormalities <input type="checkbox"/> Reduction defects of upper and lower limbs <input type="checkbox"/> Talipes equinovarus/clubfoot

CRF-P

