

Supplement to: Serbanescu F, Abeysekara P, Ruiz A, et al. Individual, community, and health facility predictors of postnatal care utilization in rural Tanzania: a multilevel analysis. *Glob Health Sci Pract.* 2023;11(4):e2200502.

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Supplement. Operational definitions of facility readiness attributes in the 2018 Health Facility Assessment (HFA) in Kigoma, Tanzania

Facility Readiness Attribute	Definition
Human Resources	
Adequate number of delivering personnel, per Ministry of Health staffing guidelines	Reported number of delivery personnel is in accordance with the national staffing guidelines for hospitals, health centers and dispensaries ²⁶
At least one staff member trained in basic emergency obstetric care (EmONC)	At least one staff member providing maternity services was trained in basic EmONC in the last 2–3 years (training was introduced in 2012 and is required by the national guidelines for all delivering personnel)
Infrastructure	
Electricity available 24/7	Reported routine availability of electricity for lights and communication (at a minimum) from any power source during normal working hours and at night
Improved water source within 500m of facility	Observed availability and reported functionality of improved water source (piped, public tap, standpipe, tube well/borehole/protected dug well, protected spring or rainwater collection) on the premises or within 500m of facility
Private room for patient consultation	Observed availability of private room or screened off area in the main service area
Access to clean and functioning toilets	Observed availability of improved sanitation facilities for clients (flush/pour flush to sewer system or to septic tank or to pit latrine, pit latrine with slab, covered)
Communication equipment	Observed availability of functioning short-wave radio equipment or facility phone (landline or cellular); private phones used by staff to communicate emergencies and referrals were not included, as no facility reimburses personnel for cost of phone calls using private phones
Safe disposal of sharps and infectious waste	Observed availability of safe disposal of sharps and of infectious and biological waste and an environment free of waste
Essential Equipment and Supplies	
Newborn bag and mask	Observed availability and reported functionality of newborn bag and mask in the delivery area
Blood pressure cuff	Observed availability and reported functionality of digital blood pressure machine or manual sphygmomanometer
Adult stethoscope	Observed availability and reported functionality of adult stethoscope in the labor and delivery area
Fetal stethoscope	Observed availability and reported functionality of fetal stethoscope in the labor and delivery area
Oxygen source	Oxygen source present in the delivery area
Suction apparatus (mucus extractor)	Observed availability and reported functionality of suction bulb (single use or re-sterilizable) or electric suction apparatus with catheter in the delivery area
Sterilization equipment	Observed availability and reported functionality of sterilization of equipment: dry heat, steaming or boiling

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Facility Readiness Attribute	Definition
Vacuum aspirator or D&C kit	Observed availability and reported functionality of vacuum aspirator or D&C kit reported functioning in service area
Manual vacuum extractor	Observed availability and reported functionality of manual vacuum extractor in the delivery area
Adequate delivery instrument set	Observed availability of at least one complete delivery set (including clamp, scissor/blade, suture material, needle and needle holder) present in the delivery area
Gloves	Observed availability of disposable latex gloves present in the delivery area (from box, or delivery kit or delivery set)
Essential Drug Stock	
Injectable uterotonic	Oxytocin or other injectable uterotonic present in the labor and delivery area or in the main location in the facility where medicines are routinely stored
Injectable antibiotics	Injectable antibiotic (ampicillin/gentamicin OR ceftriaxone) present in the labor and delivery area or in the main location of the facility where medicines are routinely stored
Injectable magnesium sulphate	Injectable magnesium sulphate present in the labor and delivery area or in the main location of the facility where medicines are routinely stored
Intravenous solution	Intravenous solution (saline or Ringer's lactate and Dextrose 5%) with infusion set present in the labor and delivery area or in the main location of the facility where medicines are routinely stored
Antihypertensive medication	Antihypertensive drugs (hydralazine, labetalol, methyldopa or nifedipine) present in the labor and delivery area or in the main location of the facility where medicines are routinely stored
Antibiotic eye ointment for newborns	Tetracycline or other antibiotic eye ointment for newborn present in the delivery area or in the main location of the facility where medicines are routinely stored
Processes	
Guidelines for integrated management of pregnancy and childbirth (IMPAC)	IMPAC guidelines observed in the labor and delivery area
Partograph forms and proof of use	Blank partographs present in the labor and delivery area AND current/recent delivering women had partograph completed
Facility capacity and functionality	
Adequate number of delivery beds	Delivery beds present in delivery area; facility has the adequate number of delivery beds in accordance with the Tanzania guidelines
Availability of labor & delivery services 24/7	Labor and delivery services are available 24 hours per day during the week and during weekends
Transportation	
Motorized vehicle with motor fuel available for emergency referrals	Facility has a functioning vehicle with fuel that is routinely available that can be used for emergency transportation or access to a vehicle in near proximity that can be used

Abbreviation: D&C, dilation and curettage.