

Medical Equipment

Oxygen therapy - Oxygen source to be selected according to capability of the health facility (i.e. power supply, pipeline oxygen network)	Option 1 - It is recommended that the device provides at least 5 to 6 L/min for adult patient.	Concentrator O2, 10 L, with accessories	X	X	•	•	•
	Option 2 - It is recommended that the device has electrical protection (power surge).	Medical gas cylinder, portable, for oxygen, fitted with a valve and a pressure and flow regulator	X	X	•	•	•
Airway Management and Intubation	Option 1 - To be chosen by the clinician.	Laryngoscope, FO, diameter 28 mm, with blades		X		•	•
	Option 2 - To be chosen by the clinician according to training skills and infrastructure capabilities.	Videolaryngoscope, with blades and accessories		X		•	•
Mechanical Ventilation - Invasive ventilation requires trained staff to be performed.	Option 1 - Most of ICU ventilators work with high pressure inlet gases (air and oxygen). Preferable that the device has internal air compressor.	Patient ventilator, intensive care, for adult and paediatric, with breathing circuits and patient interface		X			•
	Option 2 - Transport or Mass-casualty: Suitable when there is no wall pipe oxygen.	Patient ventilator, transport, for adult and paediatric, with breathing circuits and patient interface		X		•	•
Non-Invasive Ventilation - Clinical decision according to the management of patient; generated aerosols require special protective equipment measures to minimize the risk of contagion.	Option 1 - The use of nasal mask are preferable to reduce the dead space generated as consequence of improper face sealing.	CPAP, with tubing and patient interfaces for adult and paediatric, with accessories		X		•	•
	Option 1 - The use of nasal mask are preferable to reduce the dead space generated as consequence of improper face	BiPAP, with tubing and patient interfaces for adult and paediatric, with accessories		X		•	•
	Option 1 - The device can provide up to 60 L/min.	High Flow Nasal Cannula, with accessories		X		•	•
IV Infusion		Electronic drop counter, IV fluids	X	X		•	•
		Infusion pump, with accessories		X		•	•
Blood Chemistry		Clinical Chemistry Analyser, portable, with cartridges and control solutions		X		•	•
Imaging	Equipment per ward.	Ultrasound, portable, w/linear and phased array cardiac transducer (5.0-7.5 MHz), w/trolley		X		•	•
	Equipment per ward.	Drill, for vascular access, with accessories adult and paediatric, with transport bag		X			•

	ICU	Equipment per ward.	Electrocardiograph, portable, with accessories		X	X		•	•	
		Option 1 - Desirable.	Suction pump, electrical, with accessories			X		•	•	
	Option 2.	Suction pump, manual				X		•	•	
	Sterilization - According to the capability of the health facility. To consider some options may be already available	Option 1 - Equipment per facility.	Autoclave, 40-60L, with accessories		X	X		•	•	
		Option 2 - Equipment per facility.	Autoclave, 90L, with accessories		X	X		•	•	
Accessories and consumables associated to medical equipment To ensure compatibility with the equipment.	Oxygen therapy	Recommended for patients that receive oxygen for more than 24 hrs.	Humidifier		X			•	•	
		Option 1 - When O2 source is an oxygen concentrator.	Connector, biconical, symmetric, ext. diam. 7-11 mm, autoclavable		X	X		•	•	•
			Tubing, medical gases, int. diam. 5 mm, length 25 m, autoclavable		X	X		•	•	•
			Flow splitter, 5 flowmeters 0-2 L/min, for paediatric use		X			•	•	•
	Option 2 - When O2 source is wall pipe; it should be adapted for the type of Oxygen outlet. Other options may be available according to the country.	Flowmeter, Thorpe tube, for oxygen 0-15 L/min		X	X		•	•	•	
	Mechanical Ventilation	-	Filter, heat and moisture exchanger (HMEF), high efficiency, with connectors, for adult and paediatric, single use				X		•	
	Imaging	For EKG and Ultrasound.	Conductive gel, container		X	X		•	•	
ICU	For suction devices. Equipment may have its own type of tubing.	Tube, silicone, autoclavable, int. diam. 8 mm, length 10 m				X		•	•	
Oxygen delivery devices	-	Catheter, nasal, 8 Fr, 40 cm, with lateral eyes, sterile, single use		X	X			•	•	
	Recommendable for flows 1 to 6 L/min.	Nasal oxygen cannula, with prongs, adult and paediatric		X	X		•	•	•	
	Recommendable for flows 10 to 5 L/min.	Mask, oxygen, with connection tube, reservoir bag and valve, high-concentration, adult and paediatric non-sterile, single use		X	X		•	•	•	
	FiO2 can be regulated.	Venturi Mask, with percent O2 Lock + 2.1 m tubing , adult and paediatric		X	X			•	•	
	-	Compressible self-refilling ventilation bag, capacity: 1475-2000 mL, with masks (small, medium, large)		X	X		•	•	•	
	-	Airway, nasopharyngeal, sterile, single use, set with sizes of: 20 Fr, 22 Fr, 24 Fr, 26 Fr, 28 Fr, 30 Fr, 32 Fr, 34 Fr, 36 Fr		X	X			•	•	

**Consumables
(single use
devices)**

**Some of the
generic
consumables
may be available
in the health
facility. Are
disaggregated to
be considered in
the medical
procedure.**

Airway Management and Intubation		Airway, oropharyngeal, Guedel, set with sizes of: No. 2 (70 mm), No. 3 (80 mm), No. 4 (90 mm), No. 5 (100 mm)		X	X		•	•
		Colorimetric End Tidal CO2 detector, adult and paediatric, single use			X		•	•
		Cricothyrotomy, set, emergency, 6 mm, sterile, single use			X		•	•
		Syringe, Luer slip, 10 mL, sterile, single use			X		•	•
	Option 1 - To be chosen by the clinician.	Endotracheal tube introducer, Stylet, sterile, single use, sizes: 10 Fr, 30 to 45 cm and 14 Fr, 30 to 45 cm			X		•	•
	Option 2 - To be chosen by the clinician.	Endotracheal tube introducer, Bougie, sterile, single use, sizes: 10 Fr, 60 cm and 15 Fr, 70 cm.			X		•	•
	Option 1 - To be chosen by the clinician.	Tube, endotracheal, No. 2, No. 2.5, No. 3, No. 3.5, No. 4, No. 5, without cuff, sterile, single use			X		•	•
		Tube, endotracheal, No. 4, No. 5, No. 6, No. 7, No. 8, No. 9, with cuff, sterile, single use			X		•	•
	Option 2 - To be chosen by the clinician.	Laryngeal mask airway (LMA), size 2, size 3, size 4, sterile, single use			X		•	•
		Lubricating Jelly			X		•	•
Blood Chemistry	The sample to be sent to laboratory.	Arterial Blood Sample Kits (syringes with dry lithium heparin [23.5 iu/mL])		X	X		•	•
Central Line		Central Venous Catheters kit with: Finder needle, syringe, wire, dilator, lidocaine, scalpel, needle, thread			X			•
		Transparent adhesive plasters, wash proof, 5x5 cm		X	X		•	•
Gastro-enteral feeding		Syringe, feeding, LDT, ENFit, sterile, single use, sizes: 1 mL, 2.5 mL, 5 mL			X			•
		Syringe, feeding, ENFit, sterile, single use, sizes: 10 mL, 20 mL, 60 mL			X			•
		Tube, feeding, nasogastric, ENFit tip, sterile, single use, sizes: 6 Fr, 50 cm / 8 Fr, 50 cm / 10 Fr, 50 cm / 12 Fr, 90 cm / 14 Fr, 90 cm			X			•
		Stethoscope, binaural, adult/child, single use			X			•
		Lubricating Jelly			X			•
General		Pad, absorbent		X	X		•	•
		Antiseptic Wipe with Alcohol & Chlorhexidine	X	X	X		•	•
		Compress, gauze, 10 x 10 cm, 8 to 12 ply, sterile, single use		X	X		•	•
		Tape, surgical, hypoallergenic, 2.5 x 5 m		X	X		•	•
		Drape, surgical, non woven, sterile, single use		X	X		•	•
Urine Collection	It can be replaced by surgical gloves, sterile.	Gloves, examination, nitrile, powder-free, pair-packed, large, medium, small, sterile, single use			X		•	•
		Bag, collecting, urine, with outlet tap, with non-return valve, 2000 mL, adult, non-sterile, single use		X	X		•	•

			Catheter, urethral, Foley, 2-way, sterile, single use, set of sizes of: 10 Fr, 12 Fr, 14 Fr, 16 Fr, 18 Fr	X	X		•	•
struments and Uten	Airway Management and Intubation		Forceps Magill, 24 cm		X		•	•
	Gastro-ental feeding		Basin kidney, stainless steel, 825 mL	X	X		•	•

