

List of Medical Equipment Requiring Repair/Spares or Replacement for AKMC Departments

#	Spare Part Needed	Qty	Malfunction Description	Equipment Name	MODEL	Name company	Department
2	Right roller lift assambly, left roller assambly, upper scan rollers, input rollers, upper roller assambly, permanaent Magnets	1 pcs of each	The X-ray cassette stack in the device jams during reading due to worn moving parts.	CR - system	CR-30XM	AGFA	Radiology
3	CR MM3.OT size18X24 cm	2 pcs	Mammography X-ray cassettes are physically worn due to prolonged use, causing artifacts on the films and hindering doctors' examinations.	Mamography CR cassette	AGFA CR MM3.OT	AGFA	Radiology
4	1. Power supply board 2. lower pickup module 3. Upper pickup module	1 pcs of each	Out of service due to the faulty of power supply board	X-ray Film Printer	Drystar AXYS	AGFA	Radiology
5	Rechargable battery capacity of 6600mAh and a voltage of 14.8V	2 pcs	The battery's shelf life has ended and it requires replacement.	Ultrasound	DP50	Mindray	Radiology
6	Distal Tip	1 pcs	The distal tip (distal end) of the colonoscope is damaged and requires replacement.	Colonoscopy	13926PKS	Karl Storz	Surgical
7	Distal Tip	1 pcs	The distal tip (distal end) and , the flexible maneuvering section, is damaged and requires replacement.	Gastrascopy	TR3538	Karl Storz	Surgical
8	2.0 MHz VersaLab APM/APM2 1.8 MHz VersaLab APM2	2 pcs	2.0 MHz VersaLab APM/APM2 Doppler Probe is out of service 1.8 MHz VersaLab APM2 Doppler Probes are out of service	CTG machine	VersaLab APM2	NUTUS USA	OBG

9	4C-RS Wideband Convex Array Probe Ultr.s GE Logic 8	1	The GE ultrasound convex probe is no longer functional due to frequent use. The damage to the upper silicone component is irreparable, rendering the probe unsafe for patient use. Additionally, half of the field of view displays in black during examinations, further compromising image quality and diagnostic capabilities.	Ultrasound	Logiq F 8	GE	OPD
	Yeraly Maintatnce kit for Compressor, (Qty 1 pcs) Filling Station, (Qty 1 pcs) Oxygen Plant. (Qty 1 pcs)		To ensure an effective oxygen delivery, we should perform proper maintainance on our Novair 230 Premium oxygen plant. This maintenance kit will help us to keep the unit functioning properly and safely.	Oxygen plant	Novair premium 230N		
10			During the cycle, both steam sterilizers stop working with various errors and all these errors are related to the software, steam, and movements parts and requires proper service from the Supplier.	Steam sterilizer autoclave	Trans Smart S250	Getinge TK	CSSD
Request for Essential Equipment and Tools from AKMC Doctors							
1	Lack of an operating table with patient fixation strips presented challenges for the team during the operation.	Oty 4 pcs		Operating table patient fixation strap	Body straps: These straps are used to secure the patient's torso to the operating table. Leg straps: These straps are used to secure the patient's legs to the operating table.		The hospital requires new straps.

2	A Mayo trolley is required for the operating theater, as bedside tables are currently being used in place of these stainless steel trolleys.	Qty 6 pcs		Instrument trolley (mayo trolley) for OT	Casters: For effortless movement around the operating room. Adjustable height: To accommodate different procedures and surgeon preferences. Locking mechanisms: To secure supplies and prevent accidental spills. Spill-proof surfaces: To minimize contamination risks.		The hospital requires new equipment.
3	This device is essential for the safely washing and disinfection of the endoscopic devices like: Colonoscopy, Gastrascopy	Qty 1 pcs		Endoscope Washer Disinfector			The hospital requires new equipment.
4	If the faulty gastroscope is sent for repair and is deemed irreparable, we can procure a new device. We requested a quotation from Karl Storz, but they declined, as they no longer manufacture this type of equipment. The available model in Tajikistan is the Fujifilm.	Qty 1 pcs		Gastroscopy Equipment:			The hospital requires new equipment.

5	The faulty device was sent to Moscow for repair, but it has not yet been repaired or returned. We requested a quotation from Karl Storz, but they declined, as they no longer manufacture this type of equipment. We have received a quotation for a Fujifilm device.	Qty 1 pcs		Colonoscopy			The hospital requires new equipment.
6	The new colonoscope and gastroscope will each require their own video processor/light source, as they are incompatible with the existing one.	Qty 1 pcs		Video Processors / Light Source for Calonoscope and Gastrascope			The hospital requires new equipment.
7	Due to the lack of a pediatric mode on the available anesthesia machine at the hospital, doctors are unable to accept pediatric patients for surgery and have requested an anesthesia machine equipped with this feature.	Qty 1 pcs		Anesthesia machine with pressure control mode for pediatric and neonatal use.			The hospital requires new equipment.
8	Anesthesiologists have requested patient warming, which involves using active and passive warming devices to maintain patient normothermia (a normal core body temperature of 98.6°F or 37°C). This includes providing heat to the patient before, during, and after procedures in the operating room.	Qty 4pcs		Patient warming system			The hospital requires new equipment.

9	The surgical team requested this device because of Difficult airways: Video laryngoscopes are especially helpful in situations where it's difficult to get a good view of the airway, such as patients with anatomical variations, injuries, or obesity.	Qty 1 pcs		Video laryngoscope			The hospital requires new equipment.
10	The available steam sterilizers are not functioning well. If the issues and errors are not resolved, a new 120L autoclave will be required for sterilizing laparoscopic instruments and large instrument cases.	Qty 1 pcs		Autoclave Sterilizer			The hospital requires new equipment.
11	The surgical team requested a list of malfunctioning instruments that are incompatible with laparoscopic procedures and need to replace them with the new one.	Qty 1 set		Laparoscopic Instruments:spare part			The hospital requires new equipment.
12	The surgical team requested this device.	Qty 1 pcs		Diagnostic video-rectoscope on a mobile cart			The hospital requires new equipment.
13	The surgical team requested this device.	Qty 1 pcs		Ives-Fansler Anoscope			The hospital requires new equipment.
14	The surgical team requested this device.	Qty 1 pcs		Harmonic ace			The hospital requires new equipment.

15	The orthopedic requested this.	Qty 1 set		Arthroscopic stand			The hospital requires new equipment.
16	The orthopedic requested this.	1 set		Small and large fragment for osteosynthesis			The hospital requires new equipment.
17	The radiology team requested X-ray radiation protection leads for staff and patients, including: lead aprons, thyroid shields, lead gloves, and leaded eyewear.	3 set		PPE for radiation protection from X-rays			The hospital requires new equipment.
18	The surgical team requested this device.	Qty 1pcs		EVLO, Endovenous laser ablation	Lachta Milon		The hospital requires new equipment.
19	The surgical team requested this device.	Qty 3 pcs		Heat Protection Sleeve and ASTOLINE for Blood warmer			new required
	The surgical team requested this device.	Qty 1pcs		LipoSurg Cart LipoSurg,	Vacuson 60, Vexio Cart		Surgical
20	Due to the unavailability of tests for the current device, a new device that supports the necessary tests is required.	Qty 1 pcs		Blood Gas analyzer			The hospital requires new equipment.
21	The laboratory team requested this device.	Qty 1 pcs		Coagulometer			The hospital requires new
22	All dental chairs are connected to separate suction units. These units are malfunctioning due to intermittent operational issues and require replacement.	Qty 1 pcs		Suction unit			The hospital requires new equipment.

23	n ENT doctor requested this instrument	Qty 1 set		Surgical mouth dilator with replaceable blades.			The hospital requires new set
24	n ENT doctor requested this instrument	Qty 1 set		Set of surgical instruments for rhinoplasty			The hospital requires new set
25	This device was requested for the NICU and OB/GYN departments.	Qty 1 pcs	Breast Milk Extractor Machine				The hospital requires new equipment.
26	Over years of use, the physiotherapy devices require periodic requests for and replacement of worn parts and consumables.			spare parts and consumables for Physiotherapy equipment			require new
	Maintenance Kit			Oxygen plant	Novair 250 premium	Novair	
27	Biomedical Engineers, IT are in need of tools as for maintaining medical equipment. Biomedical engineers and IT professionals require specialized tools for the proper maintenance of medical equipment. ment required special proper tools	Qty 2		Jensen Tools			new required