

## Annex 1A. Primary Hospital KI Indicator List

### MSS Fiscal Year Report (2081/82)

A complete list of all Key Indicators used for Primary Hospitals analysis in the MSS Fiscal Year Report (2081/82). Group, component, item, and maximum score for each indicator are included for reference. Not all KIs were categorized.

Summary Table of Key Indicators		
Group	Component	No. of Indicators
Foundations	Governance	12
	Materials	19
	Physical Facilities	3
	Staffing	17
Foundations (TOTAL)		<b>51</b>
Routine Practices	Operations	7
	Infection Prevention	1
Routine Practices (TOTAL)		<b>8</b>
Services (TOTAL)		<b>17</b>
Uncategorized (TOTAL)		<b>0</b>
<b>Total Primary Hospital KIs</b>		<b>76</b>

Indicator	Area	Standard	Group	Component	Item	Max
1.1.3	Governance	Medical Superintendent is fulfill as per organogram	Foundations	Staffing	Staffing	1
1.1.5.1	Governance	Hospital implements health insurance program	Foundations	Governance	Governance	1
1.1.6	Governance	Annual plan & budget is approved by HMC before the fiscal year starts	Foundations	Governance	Governance	1
1.2.4	Organizational Management	Hospital implements token and / or queue system for users (separate for elderly, disable and pregnant)	Foundations	Governance	Governance	1
1.3.3.1	Human Resource Management and Development	Staffs available for service in hospital as per organogram (See Annex 1.3a Functional Organogram Section I: At the end of this standard)	Foundations	Staffing	Staffing	3
1.4.1.2	Financial Management	At least one accountant available for hospital financial management	Foundations	Staffing	Staffing	1
1.4.5.2	Financial Management	Internal audit, financial and physical progress review is done at least once each trimester (once in every 4 months).	Foundations	Governance	Governance	1
1.4.6.1	Financial Management	The hospital uses central electronic billing system	Routine Practice	Operations	Digital Systems	1
1.4.7.1	Financial Management	The hospital prepares and keeps monthly financial report.	Foundations	Governance	Audits and Repo	1
1.4.9	Financial Management	Inventory inspection is done once in a year and managed accordingly	Routine Practice	Operations	Inventory Manag	1
1.5.1.1	Medical Records and Information Management	Client registration is digitalized using standard software	Routine Practice	Operations	Digital Systems	1
1.5.1.3	Medical Records and Information Management	Electronic health record system that generates the HMIS monthly report (HMIS 9.4) is in place	Routine Practice	Operations	Digital Systems	1
1.6.1.2	Quality Management	Hospital QHSDMS committee meetings are held at least every 4 months.	Foundations	Governance	Functional Com	1
1.6.8.1	Quality Management	The hospital has functional MPDSR committee (in program district)	Foundations	Governance	Functional Com	1
2.1.1.1	OPD Service	OPD is open from 10 AM to 3 pm (See Checklist 2.1 At the end of this standard for scoring)	Services	Services	Operating Hours	3
2.1.1.3	OPD Service	EHS services from 3PM onwards and tickets available from 2 PM onwards	Services	Services	Operating Hours	1
2.3.1	Emergency Service	Emergency room/ward is open 24 hours	Services	Services	Operating Hours	1
2.3.2.1	Emergency Service	For 5 ER beds (Doctor on duty: Nurse: Paramedics: Office Assistant = 1:1:1:1)	Foundations	Staffing	Staffing	1
2.3.4	Emergency Service	Instruments and equipment to carry out the ER works are available and functioning (See Annex 2.3b ER Instruments and equipment At the end of this standard)	Foundations	Materials	Equipment	3
2.3.6.1	Emergency Service	Hospital maintains a triage system in the ER with 24 hours triage service	Services	Services	Operating Hours	1
2.3.7.1	Emergency Service	In red area one of the bed is Resuscitation bed with availability of emergency crash trolley with emergency lifesaving drugs, cardiac monitor, non-invasive ventilator, oxygen concentrator	Foundations	Materials	Equipment	1
2.4.5.1	Dressing Injections and Procedures Room	Adequate quantity of sterilized packs for wound dressing are available (See Annex 2.4d Sterile Supplies for DIRP At the end of this standard)	Foundations	Materials	Supplies	3
2.5.2.1	Pharmacy Service	Drug and Therapeutic committee (DTC)	Foundations	Governance	Functional Com	1
2.5.3.4	Pharmacy Service	Hospital has all, medicines and supplies available as per approved hospital formulary list	Foundations	Materials	Medicine	1
2.5.5	Pharmacy Service	The pharmacy is open 24x7	Services	Services	Operating Hours	1
2.5.6.1	Pharmacy Service	Pharmacy unit is led by at least one pharmacist	Foundations	Staffing	Staffing	1
2.5.8	Pharmacy Service	All of the required medicines and supplies for specific programs are available in pharmacy (less than 50%- 0; 50-70 =1, 70-90=2 90-100= 3)	Foundations	Materials	Medicine	3
2.5.9	Pharmacy Service	Hospital pharmacy directly supplies inpatient medicine and supplies to wards and OT	Routine Practice	Operations	Inventory Manag	1
2.5.16.1	Pharmacy Service	Medicine is dispensed using electronic billing with barcode system	Routine Practice	Operations	Digital Systems	1

2.6.5	Inpatient Service (General Ward)	Adequate numbers of nursing staff are available in ward per shift (nurse patient ratio 1:6 in general ward, 1:4 in pediatric ward, 1:2 in high dependency or intermediate ward or post-operative ward) and at least one trained office assistant/ward attendant per shift in each ward	Foundations	Staffing	Staffing	1
2.6.8.3	Inpatient Service (General Ward)	At least one defibrillator in immediate accessible area	Foundations	Materials	Equipment	1
2.7.1.1.1	Delivery Service	Separate pre-labor room/ labor room with privacy is available.	Foundations	Physical Facilities	Privacy	1
2.7.1.2.1.1	Delivery Service	Nurse: pregnant women ratio 1:2 in pre-labor; 2:1 per delivery table and 1:6 in post-natal ward	Foundations	Staffing	Staffing	1
2.7.1.2.2	Delivery Service	All staffs- nursing, medical practitioner designated for delivery services are trained skilled birth attendants	Foundations	Staffing	Training	1
2.7.2.1.4	Maternity Inpatient Service (General Ward)	Separate space dedicated for pre- labor, labor and postnatal patients	Foundations	Physical Facilities	Privacy	1
2.8.1.1.1	Surgery/Operation Service	Routine minor and intermediate surgeries available on scheduled days	Services	Services	Services	1
2.8.1.1.2	Surgery/Operation Service	Routine major surgeries available on scheduled days	Services	Services	Services	1
2.8.1.2	Surgery/Operation Service	Emergency surgeries available round the clock	Services	Services	Operating Hours	1
2.8.1.3	Surgery/Operation Service	At least two functional operating rooms/theater	Foundations	Physical Facilities	Adequate Space	1
2.8.2.1	Surgery/Operation Service	For overall management of operation theatre, there is one OT nurse (with minimum bachelors degree) assigned as OT in-charge	Foundations	Staffing	Staffing	1
2.8.2.2	Surgery/Operation Service	For one surgery, at least a team is composed of: MDGP with one trained medical officer, two OT trained nursing, one anesthesia assistant supervised by MDGP, two nurses for pre-anesthesia and postsurgical care, and one office assistant (for cleaning and helping)	Foundations	Staffing	Staffing	1
2.8.3.1	Surgery/Operation Service	General Surgeries (See Annex 2.8 a List of Minimum Surgeries Available At the end of this standard)	Services	Services	Services	3
2.8.3.2	Surgery/Operation Service	Caesarian section	Services	Services	Services	1
2.8.3.3	Surgery/Operation Service	Orthopedic Surgeries (See Annex 2.8 b List of Minimum Orthopedics Surgeries Available At the end of this standard)	Services	Services	Services	3
2.8.7.3	Surgery/Operation Service	Each operating room has medicines and supplies available (See Annex 2.8e General Medicine and Supplies for OT at the end of this standard)	Foundations	Materials	Medicine	3
2.8.8.2	Surgery/Operation Service	Equipment, instrument and supplies for anesthesia available (See Annex 2.8g Equipment, Instrument and Supplies for Anesthesia At the end of this standard)	Foundations	Materials	Equipment	3
2.8.8.4.2	Surgery/Operation Service	When anesthesia is provided by non-physician anesthesiologists, these providers should be directed and supervised by anesthesiologists/ MDGP	Foundations	Staffing	Staffing	1
2.8.11.4	Surgery/Operation Service	High Level Disinfection (e.g. Cidex) facility is available and being practiced.	Routine Practice	Infection Prevention	Sanitization	1
2.9.1.1.2	Laboratory and Blood Bank	Basic investigations are available See Annex 2.9.1a List of investigations for Laboratory At the end of this standard)	Services	Services	Services	3
2.9.1.1.1	Laboratory and Blood Bank	Laboratory is open from 10 AM to 3 PM and emergency laboratory services available round the clock	Services	Services	Operating Hours	1
2.9.1.1.3	Laboratory and Blood Bank	Histopathology service in coordination with other health facilities	Services	Services	Services	1
2.9.1.8.1	Laboratory and Blood Bank	At least three months buffer stock of laboratory supplies is available.	Foundations	Materials	Supplies	1
2.9.1.9	Laboratory and Blood Bank	List of donor is available in laboratory for contact during emergency need of the blood	Foundations	Governance	Governance	1
2.9.2.1.2	X-Ray Service	Emergency x-ray service is available round the clock	Services	Services	Operating Hours	1
2.9.2.2	X-Ray Service	Adequate numbers of trained healthcare workers are available in x-ray (at least 2 staffs to cover shifts including ER)	Foundations	Staffing	Staffing	1
2.9.2.5.1	X-Ray Service	General X ray unit (with minimum 125KV and 300ma X-ray machine) with tilting table and vertical bucky	Foundations	Materials	Equipment	1
2.9.2.5.2	X-Ray Service	Complete CR system with CR cassette at least 5 of 14 x 17 inch and 3 of 10x12inch.	Foundations	Materials	Equipment	1
2.9.3.1	Ultrasonography (USG)	USG is open from 10 AM to 3 PM for obstetrics, abdominal, pelvic and superficial structure like testis, thyroid	Services	Services	Operating Hours	1
2.9.3.2	Ultrasonography (USG)	USG trained medical practitioner and mid-level health worker in each USG room	Foundations	Staffing	Staffing	1
2.9.3.5	Ultrasonography (USG)	USG machine (advanced) with different probes, computer and printer with USG papers , gel and wipes is available and functional	Foundations	Materials	Equipment	1
2.9.4.4	Electrocardiogram (ECG)	Functional ECG machine (12 lead with power back up), paper, gel, wipes and hand sanitizer are available in ECG trolley	Foundations	Materials	Equipment	1
2.10.1.1	Dental Service	Dental service is available from 10 AM to 3 PM	Services	Services	Operating Hours	1
2.10.2	Dental Service	Dental Hygienist/Dentist: OPD Patients- 1:20 per day for quality of care	Foundations	Staffing	Staffing	1

2.10.6	Dental Service	Equipment, instrument and supplies to carry out Dental Services (See Annex 2.10 b Basic Equipment and Instrument for Dental Services at the end of this standard) are available and functioning	Foundations	Materials	Equipment	3
3.1.2	CSSD	Separate staffs assigned for CSSD and is led by CSSD trained personal	Foundations	Staffing	Staffing	1
3.1.3	CSSD	Equipment and supplies for sterilization available and functional round the clock (See Annex 3.1a CSSD Equipment and Supplies At the end of this standard)	Foundations	Materials	Equipment	3
3.4.2.4	Repair, Maintenance and Power system	Availability of spare parts for repair and maintenance of biomedical equipment and instruments	Foundations	Materials	Supplies	1
3.4.3.1	Repair, Maintenance and Power system	Hospital has main-grid power supply with three-phase line	Foundations	Materials	Equipment	1
3.4.3.2	Repair, Maintenance and Power system	Hospital has alternate power generator capable of running x- ray and other hospital equipment	Foundations	Materials	Equipment	1
3.6.1	Hospital Waste Management	There is work plan prepared and implemented by hospital for hospital waste management	Foundations	Governance	Governance	1
3.6.2.1	Hospital Waste Management	There is allocation of staff for HCWM from segregation to final disposal	Foundations	Staffing	Staffing	1
◊	Hospital Waste Management	There is separate area/space designated for waste storage and management with functional hand washing facility	Foundations	Governance	Governance	1
3.6.9.1	Hospital Waste Management	Infectious waste is sterilized using autoclave before disposal	Foundations	Materials	Equipment	1
3.6.10	Hospital Waste Management	Pharmaceutical waste and radiological waste is disposed based on the HCWM guideline 2014 (MoHP)	Foundations	Governance	Governance	1
3.7.1.1	Safety and Security	Hospital has trained security personnel round the clock.	Foundations	Staffing	Staffing	1
3.9.3.1	Store (Medical and Logistics)	Electronic database system is used in the hospital medical store.	Routine Practice	Operations	Digital Systems	1