

## Annex 1B. Secondary A Hospital KI Indicator List

MSS Fiscal Year Report (2081/82)

A complete list of all Key Indicators used for Secondary A 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	27
	Physical Facilities	4
	Staffing	21
Foundations (TOTAL)		64
Routine Practices	Operations	6
	Infection Prevention	1
Routine Practices (TOTAL)		7
Services (TOTAL)		17
Uncategorized (TOTAL)		0
Total Primary Hospital KIs		88

Indicator	Area	Standard	Group	Component	Item	Max
1.1.3	Governance	Medical Superintendent is fulfill as per organogram	Foundations	Staffing	Staffing	1
1.1.6	Governance	Annual plan & budget is approved by HMC before the fiscal year	Foundations	Governance	Governance	1
1.2.4	Organizational	Hospital implements token and / or queue system for users	Foundations	Governance	Governance	1
1.3.3.1	Human Resources	Staffs available for service in hospital as per organogram (See	Foundations	Staffing	Staffing	3
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	Governance	1
1.4.9	Financial Management	Inventory inspection is done once in a year and managed accordingly	Routine Practice	Operations	Inventory Manag	1
1.5.1.3	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
1.5.2.2	Medical Records and Information Management	All patients' records are kept in individual folders in racks or held digitally.	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
2.1.1.3	OPD Service	EHS services from 3PM onwards and tickets available from 2PM onwards	Services	Services	Operating Hours	1
2.2.4.3.1	Safe Abortion Services	At least one medical officer or gynecologist trained and certified in first trimester SAS is available	Foundations	Staffing	Training	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 5-10 ER beds (Doctor: 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
2.3.5.1	Emergency Service	Medicines and supplies to carry out the ER works are available (See Annex 2.3c Medicines and Supplies for ER At the end of this standard)	Foundations	Materials	Medicine	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
2.5.2.1.1	Pharmacy Service	Drug and Therapeutic committee (DTC)	Foundations	Governance	Functional Com	1
2.5.3.3	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 department is led by at least one clinical 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, 70-85=2 85-100= 3)	Foundations	Materials	Medicine	3
2.5.15.1	Pharmacy Service	Medicine is dispensed using electronic billing with barcode system	Routine Practice	Operations	Digital Systems	1
2.6.2.1	Inpatient Service	Medicine Ward (See Annex 2.6a Furniture and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Furniture	3
2.6.2.2	Inpatient Service	Surgery Ward (See Annex 2.6a Furniture and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Furniture	3
2.6.2.3.1	Inpatient Service	Pediatrics Ward (See Annex 2.6a Furniture and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Furniture	3
2.6.3.1	Inpatient Service	Medicine Ward (See Annex 2.6b medicine and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Supplies	3
2.6.3.2	Inpatient Service	Surgery Ward (See Annex 2.6b medicine and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Supplies	3

2.6.3.3	Inpatient Service	Pediatrics Ward (See Annex 2.6b medicine and supplies for inpatient wards At the end of this standard)	Foundations	Materials	Supplies	3
2.6.5	Inpatient Service	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 or burn/plastic) and at least one trained office assistant/ward attendant per shift in each ward (See Checklist 2.6 At the end of this standard for scoring)	Foundations	Staffing	Staffing	3
2.6.8.3	Inpatient Service	At least one defibrillator in immediate accessible area (See Checklist 2.6 At the end of this standard for scoring)	Foundations	Materials	Equipment	3
2.7.1.1.1	Maternity Services	Separate pre-labor room/ labor room with privacy is available.	Foundations	Physical Facilities	Privacy	1
2.7.1.2.1.1	Maternity Services	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	Maternity Services	All staffs- nursing, medical practitioner designated for delivery services are trained skilled birth attendants	Foundations	Staffing	Training	1
2.7.1.9.2	Maternity Services	The facility has adequate equipment, instrument and general supplies for delivery services (See Annex 2.7.1a Furniture, equipment, instrument and general supplies for labor room At the end of this standard)	Foundations	Materials	Furniture	3
2.8.1.1.1	Surgery/ Operation Services	Routine minor and intermediate surgeries available on scheduled days	Services	Services	Services	1
2.8.1.1.2	Surgery/ Operation Services	Routine major surgeries available on scheduled days	Services	Services	Services	1
2.8.1.2	Surgery/ Operation Services	Emergency surgeries available round the clock	Services	Services	Services	1
2.8.2.1	Surgery/ Operation Services	For one surgery, at least a team is composed of: MS/MDGP with one trained medical officer, two OT trained nurse (one scrub and one circulating), one Anesthesiologist/MDGP, one anesthesia assistant and one office assistant ( for cleaning and helping)	Foundations	Staffing	Staffing	1
2.8.3.2	Surgery/ Operation Services	Casaerian Section	Services	Services	Services	1
2.8.3.3	Surgery/ Operation Services	Orthopedic Surgeries (See Annex 2.8c List of Minimum Orthopedics Surgeries Available At the end of this standard)	Services	Services	Services	3
2.8.7.3	Surgery/ Operation Services	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	Supplies	3
2.8.8.2	Surgery/ Operation Services	Equipment, instrument and supplies for anesthesia available (See Annex 2.8i Equipment, Instrument and Supplies for Anesthesia At the end of this standard)	Foundations	Materials	Equipment	3
2.8.8.4	Surgery/ Operation Services	Anesthesia should be provided, led, or overseen by an anesthesiologist	Foundations	Staffing	Staffing	1
2.8.9.2	Surgery/ Operation Services	Separate area designated for post-operative care to stabilize the patient after surgery	Foundations	Governance	Governance	1
2.8.11.4	Surgery/ Operation Services	High Level Disinfection (e.g. Cidex) facility is available and being practiced.	Routine Practice	Infection Prevention	Sanitization	1
2.9.1.1.1.1	Laboratory	Laboratory is open from 10 AM to 3 PM for routine services and separate emergency lab service available round the clock	Services	Services	Operating Hours	1
2.9.1.1.1.2	Laboratory	Basic investigations are available (See Annex 2.9.1a List of investigations for Laboratory At the end of this standard)	Services	Services	Services	3
2.9.1.1.1.3	Laboratory	Histopathology service in coordination with other health facilities	Services	Services	Services	1
2.9.1.1.8.1	Laboratory	At least three months buffer stock of laboratory supplies is available.	Foundations	Materials	Supplies	1
2.9.1.2.1	Blood bank	Blood bank is open / facility is available round the clock	Services	Services	Services	1
2.9.1.2.2	Blood bank	Adequate numbers of trained healthcare workers are available in blood bank (at least 2 blood bank staffs to cover shifts including ER)	Foundations	Staffing	Staffing	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) with on call radiologist	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 floatation table top 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 midlevel 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
2.9.4.5	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 2.10b Basic Equipment and Instrument for Dental Services at the end of this standard) are available and functioning	Foundations	Materials	Equipment	3
2.11.3	Postmortem	At least one MD forensic and one trained medical officer for autopsy and clinical medico-legal services	Foundations	Staffing	Staffing	1
2.11.4	Postmortem	Adequate supplies and instruments for forensic services (See Annex 2.11a Supplies and instrument for post mortem At the end of this standard)	Foundations	Materials	Supplies	3
2.12.2	Medico-Legal Services	Medico-legal services are available 24 hours	Services	Services	Services	1
2.12.3	Medico-Legal Services	Trained medical officer for medicolegal services at least one	Foundations	Staffing	Staffing	1
2.13.5.2	One Stop Crisis Management Center (OCMC)	At least two Staff nurse working in the hospital and 1 trained psycho social counselor	Foundations	Staffing	Staffing	1
2.14.1	Physiotherapy	Separate room for OPD physiotherapy with at least 10 physiotherapy beds with 5 exercise beds and 5 electric beds	Foundations	Physical Facilities	Adequate Space	1
2.14.3	Physiotherapy	At least 1 physiotherapist trained in Masters in Physiotherapy (MPT), 2 trained in Bachelors in Physiotherapy (BPT), and 2 Certificate in physiotherapy (CPT) or Diploma in physiotherapy (DPT) and 1 trained office assistant treating 20 patients per day on OPD basis	Foundations	Staffing	Staffing	1
2.14.7	Physiotherapy	Instruments and equipment to carry out the Physiotherapy works are available and functioning (See Annex 2.14a Instruments and equipment physiotherapy At the end of this standard).	Foundations	Materials	Equipment	3
3.1.1.2	CSSD	There are separate rooms designated for dirty utility, cleaning, washing and drying and sterile area for sterilizing, packaging and storage	Foundations	Physical Facilities	Adequate Space	1
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
3.4.2.3	Repair, Maintenance and Power system	Separate room for storage of repairing tools and instrument	Foundations	Physical Facilities	Adequate Space	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
3.5.3	Water supply	Water quality test is done every year and report is available as per Nepal Drinking Water Quality Standards, 2005	Foundations	Governance	Governance	1
3.6.1	Hospital Waste Management	There is work plan prepared and implemented by hospital for hospital waste management	Foundations	Governance	Governance	1
3.6.3	Hospital Waste Management	There is separate area/space designated for solid 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 treated and disposed based on the HCWM guideline 2014 (MoHP)	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
3.7.1.1	Safety and Security	Hospital has trained security personnel round the clock.	Foundations	Staffing	Staffing	1
3.9.2.1	Store (Medical and logistics)	A separate hospital medical store with 3 months' buffer stock is available	Foundations	Materials	Supplies	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