



TERTIARY EMPANELMENT CRITERIA

Basic details

Sehat Sahulat Programme: An empanelment assessment tool for tertiary care service providers				
Hospital Name		Hospital Address		
Name of Focal Person		Designation		
Hospital ownership		Year of establishment		
Official Phone number		Official email		
H.C.C. registration number		FBR NTN/FTN		
Evaluation outcome	Maximum achievable	Achieved	Percentage	Comments
1. Worked on S.S.P. panel, with no adverse record				<input type="radio"/> Yes=1, <input type="radio"/> No experience, <input type="radio"/> bad experience=0
2. Infrastructure				
3. Clinical Support Services				
4. Processes				
Total (Basic Details)		0		Comments
Annexure 1: Cardiology & Cardiac Surgery		0		
Annexure 2: Neurosurgery		0		
Annexure 3: Urology		0		
Annexure 4: Oncology		0		
Annexure 5: Intensive Care Unit (ICU)		0		
Total (Annexures)		0	0	Comments
Recommendations	A- Empanel with current score B- Re-evaluate in ___ months C- Do not empanel			
Modular recommendations	A- Empanel as a general hospital B- Empanel for multiple modules			
Name of evaluator				
Signature of evaluator				
Date of evaluation				

Common Elements for Tertiary Empanelment

1. Infrastructure	Description		Achieved Score	Comments
			0	
1.1. Overall hospital building			0	Comments
Critical	Accessible through motor-able road and wheelchair accessible			Do not assess further, if the answer is No.
	Accessibility through Public Transport			If the hospital is providing both Secondary and Tertiary Care services, Assess the Infrastructure through Tertiary Empanelment Criteria
	Less than 500 Meters			
	Within 500 – 700 Meters			
	Not Accessible			
	Purpose-built building for the hospital			
	Modified Building for the Hospital (e.g Commercial Plaza, etc)			
	Administrative Ownership (Mark one option below)			
	Public/MTI			
	Company/Trust			
	Partnership			
	Sole Proprietorship			
	Building Ownership			
	Government Owned			
	Company/Trust Owned			
	Owned by the Proprietor			
	Rented			

	Corridor Space			
	More than 8 Feet			
	6-7 Feet			
	Fire Safety Systems			
	Functional Fire Pumps			
	Functional Fire Extinguishers			If available in all below mentioned areas, then marks all of them
	Present on each Department			
	Present on each Floor/Block			
	Present in a specific area			
Critical	Ramp/Bed Elevator			
	Ramp (If yes, must have the following)			
	1) Ramp Wide enough for Stretcher/Wheelchair			
	2) Having hard surface			
	3) Handrails for gripping			
	Bed Elevator			If Bed Elevator is non-operational, pictorial evidence should be attained
	1) Functional 24/7 Bed Elevator having generator support available			Observe the capacity of generator support for Bed elevator
	2) Operator for Bed Elevator available			Documentation required
	Heating and Cooling Systems (Mark the available options)			
	1) Centralized Heating and Cooling System			
	2) Multizone Systems (Department Wise)			
	3) Ductless systems (e.g Individual, Split Air Conditioners in wards)			
	Portable Oxygen cylinders are adequately secured and are chained, capped & tagged.			
	The hospital and its departments are clearly signposted and a site plan is displayed at a central place for orientation of staff and patients			
	The facility is clear of wet spots, grease/oil, tripping hazards.			
	The floors are in good condition and non-Slippery			
	All the floors are non-sticky and easy to clean			
	The walls, plasters and paints are non-sticky and washable/easy to clean			
	Bathroom floors are non-Slippery			
	Toilets have grip bars.			
	Utility pipes and gas shut off valves have been identified and labelled.			
	1.2. Power, water supply and sewage		0	Comments
Critical	The hospital has ensured a 24/7 water and electricity supply			Do not assess further, if the answer is No.
	Filters for clean drinking water are available and functional			
	Running water available at points of service, for hand hygiene/washing (wards, O.T., and clinics)			
	Warm water is available at all points of service and toilets in winters			
	Toilets and bathrooms available in each ward and department			
	The sewage is drained in non-leak pipes			
	The water supply and sewage pipes are laid down apart			
	The sewage channels do not mix with the water source, e.g. underground tank/pump			

1.3. Hospital Management Information System (HMIS) / Electronic Medical Records (E.M.R.)		0	Comments
Critical	The facility has a Hospital Information Systems (HMIS) / Electronic Medical Record (E.M.R.) system		Do not assess further, if the answer is No.
Critical	The hospital is equipped with high speed/broadband internet		Do not assess further, if the answer is No.
	Each patient entered on the HMIS/EMR, using a unique number (like a patient I.D., or a medical record number)		
	The HMIS/EMR can contribute to launching e-claim?		
	The HMIS/EMR registers all inpatient/out-patient encounters		
	The hospital maintains the patient medical record, including complete treatment notes, medications given, investigations carried out, and procedures performed.		
	HMIS is being used at all non-clinical areas like the administrative offices, finance/claims offices, registration/admission counters		
	E.M.R. is being used at all clinical areas like the wards, O.P.D.s and operation theatres		
	HMIS/EMR is used at clinical support areas like the radiology department, Pharmacy and laboratories		
	The administrative, core-clinical and clinical-support services use a unique patient I.D. to follow their respective domains		
	The HMIS/EMR has a Current Procedural Terminology (C.P.T.) classification in place		
	The hospital has a written policy defining the privilege/level of access to patient data for the clinical and non-clinical staff.		
	Clinical audits, morbidity and mortality meetings are held and minutes are available		
	The hospital has the policy to provide access to the anonymized clinical data for research purposes		
2. Clinical support services	Description	Achieved Score	
		0	
2.1. Blood bank		0	Comments
Critical	A blood bank is available in the facility		Do not assess further, if the answer is No.
Critical	Blood Bank has the facility of Screening and Cross-Matching		Do not assess further, if the answer is No.
	Is a blood bank registered with BTA available within the facility? (Licensed by BTA will not assessed)		
	Registered		
	Licensed		
	The Blood bank is supervised by a qualified doctor (MBBS with post-graduation in pathology or haematology)		
	The blood bank is staffed by a qualified lab technologist 24/7		
	2		
	4 or more		
	Room with couch with functional scale machine is available for collecting blood		
	Functional Blood-bank specific refrigerator is available (3°C to 6°C)		
	Plasma separator is available		
2.2. Pathology/ Lab services		0	Comments
Critical	A pathology lab available in the facility		Do not assess further, if the answer is No.
	The lab is operated under the supervision of a qualified pathologist (F.C.P.s or equivalent)		
	A pathology lab available in the facility		
	Pathology services being sourced-out		
	The lab is staffed by a qualified laboratory technologist 24/7		
	1		
	2 or more		
	There are designated areas for storage of specimens, reagents and records		
	The expected report time for test results is specified		
	The lab has established reference ranges for each test		
	The lab has displayed price-list for all tests		
	ICT (immunochromatographic technique) for HBS/HCV/HIV available		
	The lab is equipped with PCR machine		
	A lab safety policy is in place		
	Collected samples are labelled with patient identification with date & time		
	All investigations are recorded		
	HMIS		
	Proper Register		
	Inhouse or Out Sourced qualified staff for maintenance of Lab Equipment's available		
	MICROBIOLOGY		
	Automatic centrifuges		
	Electric water bath		
	Colony Counters		
	Fluorescent/UV viewing chambers		
	Autoclave Antibiotics		
	Anaerobic chambers		
	Growth medium		
	Hot Air Oven		
	Incubators		
	Micrometres		
	Preservatives		
	Measuring glass wear		
	Lab refrigerators		
	Inoculation chambers		
	Inoculation lobes		
	HEMATOLOGY		
	Coagulation analyser		
	DLC counter		

	Elisa plate reader			
	ESR stand			
	Fridge			
	Haematology analyser			
	HB1AC analyser			
	Hot Plate Stirrer			
	Immulyte 1000			
	Incubator			
	Microscope			
	Neubar chambers			
	Spectra junior water bath			
	BIOCHEMISTRY			
	Advanced Haematology Analyser			
	Microtab 300			
	ELISA			
	HISTOPATHOLOGY			
	Microlome			
	Tissue processor			
	Microscope (Oil Omersion)			
2.3. Radiology services			0	Comments
Critical	The facility has a licensed radiology facility on its premises			Do not assess further, if the answer is No.
Critical	The radiology services are licensed from the Pakistan Nuclear Regulatory Authority (Critical)			
	The Radiology department is operated under the supervision of a qualified Radiologist			
	The hospital has a functional interventional radiology facility.			
	Interventional radiology department is headed by a qualified Interventional radiologist			
	All radiological diagnostics reported by			
	1) In house Consultant (Qualified)			
	2) Online Reporting Consultant			
	a) Digital X-ray (Critical)			
	b)MOU/Contract of Radiology Lab with Hospital as evidence			
	c) Evidence for Qualification of Radiologist			
a) Documents Needed as evidence	Reporting time based on urgency of the situation are reported within one hour & routine within 24hrs Available			
	A qualified radiographer administers the radiology services			
	4			
	6 or more			
	Radiology safety policy in place			
	lead line walls installed			
	Protective clothing is provided to staff			
	Dosi-meters available for staff along with documentation of correspondence with PNRA			
	Radiation warnings in local languages displayed, especially, for pregnant women			
	A female attendant accompanies female patients during radiological examination			
	The facility has an ultrasound machine			
	C.T scan available			
	M.R.I Available			
	Trained technicians for the C.T. and M.R.I. scans are employed			
	4			
	6 or more			
	The record of CT and M.R.I. scans are available through Picture Archiving and Communication System (PACS)			
2.4. Pharmacy services			0	Comments
Critical	An in-house licensed pharmacy is present			Do not assess further, if the answer is No.
	The Pharmacy is headed by a qualified pharmacist [D. Pharm or above]			
	Qualified pharmacy technicians are present 24/7			
	The Pharmacy dispenses upon signed prescription/online entry of a qualified doctor			
	The Pharmacy equipped with a refrigerator for heat- sensitive medicines			
	Medicines are stored in labelled shelves			
	Lockable cupboards for controlled drugs			
	A computer-based inventory for stock-in and stock-out maintained			
	No expired medicines found on random check at the time of visit			
	Local Purchase (L.P.) mechanism in place for items not available in the inhouse/contracted Pharmacy			

3.Processes	Description		Achieved Score	
			0	
3.1. Patients facilitation			0	Comments
	Hospital reception/information counter available at the main entrance			
	Functional Wheel chairs & stretchers			
	Available at Emergency Entrance (Critical)			
	Available inside Hospital (Critical)			
	Signopostage			
	Services wise at the entrance			
	Departments Signopostages			
	Signage allows safe passage through the hospital & exit from the hospital in case if emergency, disaster or fire are available			
	Patients grievances redressal committee is notified			
	A Focal Person is notified for correspondence regarding grievances of beneficiaries			
	Complaint Box installed at a prominent place			
	Separate Seating's arranged for male & Female patients and attendants in clinical/ waiting areas			
	All waiting areas are ventilated			
	Each patient entered on the HMIS, using the unique Number (i.e., patient treatment recorded in database)			
	Patient admission forms is available			
	Patient discharge forms/cards available			
	Birth certificate templates available			
	Death certificate templates available			
	Ambulance Services			
	Ambulance Access to Emergency department			
MOU required (Outsourced Ambulance Service)	Own/Contracted Ambulance Services			
	The ambulance is equipped with Oxygen supply			
	The ambulance has a disembarkable stretcher			
	Referral System			
	The hospital has clear indications for referral to another facility			
	The hospital uses a standardised form for making referrals			
	The hospital keeps a register/record of all referrals it makes			
	The hospitals has a list of hospitals where it makes referrals			

3.2. Infection control		0	Comments
Critical	An infection prevention and control committee is notified		(Notification along with minutes of any meetings)
	At source segregation of hospital waste		
	Sanitation Committee is notified (Documented should be provided)		
	Protected Waste dumping area (Saficant)		
	A clear guide for waste segregation & Storage is visible posted available		
	Colour-coded waste bins available at each ward/clinical area		
	Syringe cutters available in clinical areas		
MOU required (Outsourced)	A functional incinerator is available/outsourced		
	In-house		
	outsourced		
3.3. Claims/ bills processing		0	Comments
	Hospital has a bank account on it's name		
	A valid NTN/FTN or tax exemption certificate is available		
	A designated Accountant is available		
3.4. Governance and H.R. management		0	Comments
	The hospital's governance structure is available on a written document		
	The hospital has a written strategy for staffing the hospital in a manner that complies with hospital laws and regulations, including the number, types, and desired qualification of the staff		
	Written Job Descriptions are available including documented lines of responsibilities		
	The facility works under the supervision of a full-time administrator		
	Personal files for each staff member are standardized, maintained and kept confidential		
	The hospital has an ongoing, uniform process to update the credentials/ practice licenses of medical staff members		
	Education, licensure/registration, and other credentials required by law or regulation issued by recognized educational or professional entities as the basis for clinical privileges are verified from the issuing authority		
	Written Contracts for all employees are available		
	Organogram of the hospital is available		
	Consultants		
	Pulmonologist		
	1		
	2 or more		
	Anaesthesia Specialist		
	1		
	2 or more		
	STAFFING (Don't mark)		
	Administration		
	Master/Graduate in hospital Administration		
	Doctor		
	Medical / Surgical Services		
	TECHNICAL		
	Cardiac anaesthesia Technician		
	1		
	2 or more		
	Part time/Oncall		
	Anaesthesia Technician for General Services (per 2 OT tables)		
	3		
	5 or more		
	Part time/Oncall		
	Cardiac Surgical Technician		
	1		
	2 or more		
	Part time/Oncall		
	Support Services		
	Sanitation Staff		
	3 per Department		
	5 per floor		
	4 per Department		

	6 per floor			
	Security Staff			
	10			
	More than 10			
3.6. Patient safety			0	Comments
Critical	Patients are identified using two unique patient identifiers			
	Patients are identified [through wrist bands, or cross-questions] before performing diagnostic procedures, providing treatments, and performing other procedures User note: e.g. patient name in combination with date of birth/ Age)			
	The hospital ensures correct identification of patients in special circumstances (such as comatose patients or newborns who are not immediately named)			
	There are standardized forms, tools, or methods that support a consistent and complete handover process			
	The hospital has in writing, a list of lifesaving medications with an implementation process for managing them			
	The hospital has a list of look-alike/sound-alike medications with an implementation process for managing them			
	The hospital has a preoperative verification process through a checklist/ documentation mechanism before surgical / invasive procedures			
	The hospital uses an instantly recognizable and unambiguous mark for identifying the surgical/ invasive site that is consistent throughout the hospital			
	The hospital implements a process for assessing all inpatients for fall risk and uses assessment tools/ methods appropriate for the patients being served			
	Measures/ interventions to reduce fall risk are implemented for identified inpatients, situations, and locations within the hospital & the patient interventions are documented			

Annexure 1: Cardiology and Cardiac Surgery

Grand Total			
Cardiology total			
Cardiac surgery			
Cardiology	Description	Achieved	Comments
		0	
Critical	Cardiology unit is headed by a consultant Cardiologist (FCPS or equivalent)		
Critical	Separate male and female wards are available		Do not assess further, if the answer is No.
	Electrophysiologist (FCPS in cardiology and two years specialized training from recognised university in electrophysiology) is available		
Screening question	The facility is recognized for Cardiology by College of Physician and Surgeons of Pakistan (CPSP) or a global or regional accreditation body like J.C.I. User note: If recognized by CPSP or body like J.C.I., recommend for empanelment. If not recognized by either, then asses on the tool below		
	At least one consultant is on call 24/7		
CARDIOLOGY WARD			
	No of Beds		
	More than 20		
	Between 10 and 20		
	Less than 10		
	Number of Consultants		
	2 or more		
	1		
	24/7 medical officers (having experience in Cardiology) available (Per Ward)		
	a) 1 Medical officer		
	b) 2 Medical officers		
	c) 3 Medical officers		
	24/7 nurses (having experience in Cardiology) are available (per shift)		
	a) 1 nurse		
	b) 2 nurses		
	c) 3 nurses		
	Ward (Asses if separate ward available)		
	Ward has a nursing counter (if yes asses below items)		
	Nursing counter available with bell		
	Nursing counter available without bell		
	Functional BP apparatus		
	Nebulisation machine is available		
	ECG machine is available		
	Suction machine		
	Thermometer		
	Cardiac monitors are available (at least with 4 beds)		
	disposable gloves		
	disposable Syringes		
	Disposable balds		
	An Equipped crash cart is available at the unit		
	All beds are wheeled/moveable		
	All beds are height-adjustable		
	All beds have side rails		
	One fan per bed, if not centrally cooled/heated		
	Individual patient tagging at every bed		
	At least one toilet per 5 patients in each ward		
	The wards are well ventilated and illuminated		
	Every bed has a wastebasket for non-medical refuse		
	Every bed has a functional nurse-calling system		
Cardiac Surgery		0	Comments
Critical	Cardiac Surgery unit is headed by a consultant Cardiac Surgeon (FCPS or equivalent)		
Screening question	The facility is recognized for Cardiac surgery by College of Physician and Surgeons of Pakistan (CPSP) or a global or regional accreditation body like J.C.I. User note: If recognized by CPSP or body like J.C.I., recommend for empanelment. If not recognized by either, then asses on the tool below		
	The facility has separate male and female wards for the patients		
	Qualified physiotherapists/respiratory therapists available		
Equipment and supplies	A functional Cardiac defibrillator is available at the unit		
	A stocked crash cart is available at the unit		
	Beds are equipped with oxygen ports		
	All clinical staff is trained in Advanced Cardiovascular Life Support (ACLS)		
	No of Beds		
	More than 20		
	Between 10 and 20		
	Less than 10		
	Number of Consultants		
	2 or more		
	1		
	At least one consultant is on call 24/7		

	24/7 medical officers (having experience in Cardiac Surgery) available (Per Ward)			
	a) 1 Medical officer			
	b) 2 Medical officers			
	c) 3 Medical officers			
	24/7 nurses (having experience in Cardiology) are available (per shift)			
	a) 1 nurse			
	b) 2 nurses			
	c) 3 nurses			
	Ward (Asses if separate ward available)			
	Ward has a nursing counter (If yes asses below items)			
	Nursing counter available with bell			
	Nursing counter available without bell			
	Functional BP apparatus			
	Nebulisation machine is available			
	ECG machine is available			
	Suction machine			
	Thermometer			
	Cardiac monitors are available (at least with 4 beds)			
	disposable gloves			
	disposable Syringes			
	Disposable balds			
	An Equipped crash cart is available at the unit			
	All beds are wheeled/moveable			
	All beds are height-adjustable			
	All beds have side rails			
	One fan per bed, if not centrally cooled/heated			
	Individual patient tagging at every bed			
	At least one toilet per 5 patients in each ward			
	The wards are well ventilated and illuminated			
	Every bed has a wastebasket for non-medical refuse			
	Every bed has a functional nurse-calling system			
	All the beds are suitable for the cardiology patients [four foot apart, accessible from all side, suitable for C.P.R.]			
	Operation Theatre			
Critical	Functional Heart Lung Machine available			Do not assess further, if the answer is No.
	Cardiac perfusionist present in the team			
	O.T equipped with sterilization equipment			
	The operating room (O.R) have a height-adjustable operating table			
	An overhead, cold and shadowless operating light in place installed			
	O.T is equipped with HEPA filters			
	O.R equipped with A.C./ heating systems			
	O.R equipped with Oxygen supply			
	O.R equipped with anaesthesia machine			
	O.R equipped with cardiopulmonary resuscitation equipment			
	There is a policy in place that a pre-sedation assessment is performed and documented to evaluate risk and appropriateness of procedural sedation			
	Established criteria is used and documented for the recovery and discharge from procedural sedation.			
	There is a policy in place that ensures each patient's physiological status during anaesthesia and surgery is monitored according to professional practise guidelines and documented in their medical records.			
	Information about the surgical procedure and patient care after surgery is planned and documented in the patient's medical record/M.I.S.			
	CARDIAC CATH LAB			
Critical	A functional Cath lab is installed			Do not assess further, if the answer is No.
	Cath Lab is adjacent to the CCU			
	The patient in the procedure room is directly visible from the control room			
	Electrophysiology investigations/procedures are performed			
	Fluoroscopy facility is available			
	Radiology safety policy is in place			
	Lead aprons are available for the staff			
	Qualified cardiac technicians are available			
	A fully stocked crash cart is available: - For emergency medicines - Equipment for intubation			
	A cardiac defibrillator is available in the unit			
	A fresh inventory (diagnostic sheath, guidewire, catheters, stents, devices) is maintained			
	An E.C.G. machine is available			
	Atleast 3 Cardiac monitors are available			
	Oxygen supply is available in the Cath lab			
	All the Cathlab staff is trained in Advanced Cardiovascular Life Support (ACLS)			
	Coronary Care Unit (CCU)			
Critical	At least one consultant is on call 24/7			Do not assess further, if the answer is No.
Critical	The CCU is at least six bedded			Do not assess further, if the answer is No.
Infrastructure	The CCU is adjacent to the Cardiology ward			

	The CCU has ready access to and from the Cardiac Cath Lab			
	The area for CCU is – or > 215 square feet per bed			
	All the beds are CCU specific User note: A bed is CCU specific if it is wheeled, having side rails, height adjustable, suitable for C.P.R.			
	The CCU has at least one isolation room, for the patient requiring contact-isolation			Having negative pressure ventilation, with HEPA filters in place
Documentation Required	Medical Officers (ACLS Certified) are available 24/7 (3 shifts)			
	Staff Nurses are available 24/7 (3 shifts)			
	CCU has a central monitoring/ nursing counter			
	Air conditioning/ heating systems are in place			
	Oxygen supply is available at beds			
	Beds are equipped with cardiac monitors			
	A fully stocked crash cart is available: - For emergency medicines - Equipment for intubation			
	A functional Cardiac Defibrillator is available			
	All clinical staff is trained in Advanced Cardiovascular Life Support (ACLS)			
	CCU specific Inventory			Comments
	At the time of empanelment visit, the speciality-related medicines and equipment enlisted below were available in the hospital's pharmacy/inventory store: TPM and permanent pacemaker (VVIR,DDDR, VSD and ASD closure devices, etc.)			
	[Morphine, Streptokinase, heparin, dopamine, dobutamine, digoxin, protamine sulfate, angisid, Troponin strips, angiography kits, angiography dye, drug eluded stent]			

Annexure 2: Neurosurgery

Neurosurgery	Description	Achieved	Comments
Ward			
Critical	The Neuro Surgical unit is headed by a consultant Neurosurgeon [FCPS or equivalent]		Do not assess further, if the answer is No.
	NEURO SURGERY WARD		
	Separate male and female wards are available		
	No of Beds		
	More than 20		
	Between 10 and 20		
	Less than 10		
	Number of Consultants		
	2 or more		
	1		
	At least one consultant is on call 24/7		
	Medical Officers (having experience in neurosurgery) available 24/7 (Per ward)		
	a) 1 Medical officer		
	b) 2 Medical officers		
	c) 3 Medical officers		
	Staff Nurses are available 24/7 (per shift)		
	a) 1 nurse		
	b) 2 nurses		
	c) 3 nurses		
	Nursing Counter		
	Ward has a nursing counter (If yes asses below items)		
	Nursing counter available with bell		
	Nursing counter available without bell		
	Functional BP apparatus		
	Nebulisation machine is available		
	ECG machine is available		
	Suction machine		
	Thermometer		
	Cardiac monitors are available (at least with 2 beds)		
	disposable gloves		
	disposable Syringes		
	Disposable beds		
	An Equipped crash cart is available at the unit		
	All beds are wheeled/moveable		
	All beds are height-adjustable		
	All beds have side rails		
	One fan per bed, if not centrally cooled/heated		
	Individual patient tagging at every bed		
	At least one toilet per 5 patients in each ward		
	The wards are well ventilated and illuminated		
	Every bed has a wastebasket for non-medical refuse		
	Every bed has a functional nurse-calling system		
	Qualified physiotherapists are available		
	Trained occupational therapists available		
Operation Theatre			
	O.T equipped with sterilization equipment		
	Adjustable operating tables with electromagnetic brakes		
	An overhead, cold and shadowless operating light in place installed		
	O.R equipped with A.C./ heating systems		
	O.R equipped with Oxygen supply		
	O.R equipped with anaesthetic machine		
	O.R equipped with cardiopulmonary resuscitation equipment		
	Atleast one staff member having Certification in ATLS is available		
	A pre-sedation assessment is performed and documented to evaluate risk and appropriateness of procedural sedation for the patient.		
	Established criteria is used and documented for the recovery and discharge from procedural sedation.		
	Each patient's physiological status during anaesthesia and surgery is monitored according to professional practise guidelines and documented in their medical records.		
	Information about the surgical procedure and patient care after surgery is planned and documented in the patient's medical record/M.I.S.		
Neurosurgery equipment	Neuro Navigation System complete with Brain and Spine Applications available		
	Neurosurgery operating microscope available		
	Ultrasound with Intraoperative probe for Neuro Surgery		
	Drill Crinotome & Spinal Drill with Neuro Endoscopic attachments.		
	Electro Encephalogram Machine available		
	Hudson Brace Complete with Burrs		
	Self-Retaining stainless steel Brain Retractors		
	Malleable Brain Retractors Set ana Aneurysm Clip Applicator (6)		
	Facial Nerve Monitor		
	Mobile X-Ray		

Annexure 3: Urology

Neurosurgery	Description	Achieved	Comments
Critical	Separate male and female wards are available		Do not assess further, if the answer is No.
Critical	The Urology unit is headed by a consultant Urologist [FCPS or equivalent]		Do not assess further, if the answer is No.
	UROLOGY WARD		
	Separate male and female wards are available		
	No of Beds		
	More than 20		
	Between 10 and 20		
	Less than 10		
	Number of Consultants		
	2 or more		
	1		
	At least one consultant is on call 24/7		
	Medical Officers (having experience in neurosurgery) available 24/7 (Per ward)		
	a) 1 Medical officer		
	b) 2 Medical officers		
	c) 3 Medical officers		
	Staff Nurses are available 24/7 (per shift)		
	a) 1 nurse		
	b) 2 nurses		
	c) 3 nurses		
	Nursing Counter		
	Ward has a nursing counter (If yes asses below items)		
	Nursing counter available with bell		
	Nursing counter available without bell		
	Functional BP apparatus		
	Nebulisation machine is available		
	ECC machine is available		
	Suction machine		
	Thermometer		
	Cardiac monitors are available (at least with 2 beds)		
	disposable gloves		
	disposable Syringes		
	Disposable balds		
	An Equipped crash cart is available at the unit		
	All beds are wheeled/moveable		
	All beds are height-adjustable		
	All beds have side rails		
	One fan per bed, if not centrally cooled/heated		
	Individual patient tagging at every bed		
	At least one toilet per 5 patients in each ward		
	The wards are well ventilated and illuminated		
	Every bed has a wastebasket for non-medical refuse		
	Every bed has a functional nurse-calling system		
	Qualified physiotherapists are available		
	Trained occupational therapists available		
	Operation Theatre		
	O.T equipped with sterilization equipment		
	Adjustable operating tables with electromagnetic brakes		
	An overhead, cold and shadowless operating light in place installed		
	O.R equipped with A.C./ heating systems		
	O.R equipped with Oxygen supply		
	O.R equipped with anaesthetic machine		
	O.R equipped with cardiopulmonary resuscitation equipment		
	Atleast one staff member having Certification in ATLS is available		
	A pre-sedation assessment is performed and documented to evaluate risk and appropriateness of procedural sedation for the patient.		
	Established criteria is used and documented for the recovery and discharge from procedural sedation.		
	Each patient's physiological status during anaesthesia and surgery is monitored according to professional practise guidelines and documented in their medical records.		
	Information about the surgical procedure and patient care after surgery is planned and documented in the patient's medical record/M.I.S.		
Urology Equipment	Ureteroscope/Cystoscope available		
	Image Intensifier available		
	Mobile -ray unit available		

Annexure 4: Oncology

Oncology	Description	Achieved	Comments
Critical	Oncology unit is headed by a consultant Oncologist (FCPS or equivalent)		Do not assess further, if the answer is No.
Critical	Separate male and female wards are available		Do not assess further, if the answer is No.
Screening question	The facility is recognized for Oncology by CPSP or a global or regional accreditation body like J.C.I. or working under the PAEC. User note: If the facility meets any of the above three conditions of recognition/Accreditation, it is recommended for empanelment by default. If none of the conditions is met, then assess for empanelment on this tool		
Human Resource	At least one consultant is on call 24/7		
	24/7 Experienced medical officers are present		
	24/7 Experienced nurses are available in the unit		
Equipment and supplies	At least twenty beds available in the unit		
	All the beds are suitable for the Oncology patients [four foot apart, accessible from all side, suitable for C.P.R.]		
	Nurse calling system in place		
	Cardiac defibrillator in-unit is available		
	A fully stocked crash cart is available		
	- Stocked with emergency medicines		
	- Equipment for intubation		
	A functional Cardiac defibrillator is available & plugged-in		
	Beds are equipped with oxygen ports		
Diagnostics	Facility for echocardiography available with uiaified technicians (including female)		
	C.T. Scan facility is available		
	Bone scan facility is available		
	Mammography machine is available		
	ER/PR and Her2-neo tests performed		
	Facility for histopathology is available		
	Immunoassay testing facility is available		
	Facility for tumour marker tests for Colon, thyroid, ovarian, prostate and other cancers are available		
Pharmacy	The Pharmacy has the services of a pharmacist with advanced qualification of chemotherapeutics		
	The pharmacy services have a chemotherapy preparation cabinet		
	All the chemo medication is sent to the ward/chemo bay in pre dispensed form		
	The pharmacy software alerts to drug-drug interaction for the cancer patients		
	Colony Growth Stimulating Factor (CGSF) were available at the time of visit		
	Morphine and Fentanyl were available at the time of visit		

Annexure 5: Intensive care unit

ICU	Description	Achieved	Comments
Critical	The I.C.U. (Cardiac Surgery and Neurosurgery specific) is headed by a qualified Intensivist or Anesthetist		Do not assess further, if the answer is No.
	The I.C.U. is headed by a qualified intensivist (FCPS or Equivalent)		
	The I.C.U. is headed by a qualified with qualified anaesthetist (FCPS or Equivalent)		
	At least six medical officers are working in the I.C.U. in three shifts, with experience/ qualification in Intensive care and ATLS/ACLS certification		
	24/7 availability of I.C.U. trained nurses in 3 shifts		
	The nurse to bed ratio in the I.C.U. is at least 1:3 [one nurse for a maximum of 3 beds] User note: Give 2 points if beds per nurse are three or fewer. Give 1 point if bed per nurse are more than 3		
	All the clinical staff is trained in Advanced Cardiovascular Life Support (ACLS) User note: Give 2 points if more than 50% of staff are ACLS certified...Give 1 point if less than 50% of staff are ACLS certified...Give 0 points if no staff is ACLS certified		
	The number of beds in the I.C.U. is at least 2% of the total hospital bed capacity, or at least ten beds, whichever is higher.		
	The I.C.U. beds have the facility of ventilators User note: 3 points if all beds have ventilators...2 points > 50% beds have ventilators...1 point if < 50% have The I.C.U has a central monitoring/ nursing counter		
	All the beds are connected with central oxygen supply		
	Tracheostomy equipment is available		
	All the beds equipped with cardiac monitors		
	The I.C.U. has negative pressure ventilation		
	Air conditioning/ heating systems in place - Minimum temperature of 24 <C - Maximum temperature of 26 <C User note: Give zero points if the temperature is either above or below the recommended range		
	The I.C.U. have a well-maintained - Stocked with emergency medicines - Equipment for intubation A functional cardiac defibrillator is available		
	Arterial Blood Gases (ABGs) Machine is available in the I.C.U.		
	All the beds are I.C.U specific - Movable - side rails - height adjustable - accessible from all sides		
	Facility for bedside Xray is available		
	Suction machines are available		
	Air mattress with motor is available		
	Nurse calling system is in place		
	Facilities for metered-dose delivery [syringe pumps, infusion pumps are available]		