

## Minimum standards for Imaging Centers - CT Scan center / PET CT Scan

	Template	Minimum Standards	Remark
1	<b>Definition</b>		
	Definition of CT center	Type of scanner (Slices /Detectors /Energy sources)	
2	<b>Scope of Services</b>		
	Enlist the investigations to be carried out by CT Scanner	CT Scan of Regions/ parts of body with capabilities of advanced vascular/ cardiac/ neurological etc. imaging as per the capabilities of the scanner.	The Scope should match the Scanner specifications
3	<b>Physical Infrastructure</b>		
3a	<b>Informative signages</b>		
	Name of the Radiologist with qualification and AERB certification of safety and installation with registration number	Yes	M-Mandatory
	Display of model of equipment	Yes	M-Mandatory
	Broad Services provided	Yes	M-Mandatory
	Timings of the facility	Yes	M-Mandatory
	Fee structure of different investigations : To be displayed	Yes	M-Mandatory
	Safety signage's (wherever applicable)	Yes	M-Mandatory
3b	<b>Safety Hazard and Caution signs</b>		
	Radiation 'ON' signage linked with the exposure	Yes	M-Mandatory
	Radiation signage and symbol as per AERB	Yes	M-Mandatory
	Appropriate Fire exit signages	Yes	M-Mandatory
4	<b>Radiation Safety Measures</b>		
	RSO level 1	Yes	M-Mandatory
	Measures/Devices for radiation protection of staff	Yes	M-Mandatory
	Measures/Devices for radiation monitoring of staff	Yes	M-Mandatory
	QC of all equipment, devices and protocols as per AERB guidelines	Yes	M-Mandatory

<b>5</b>	<b>Space requirement</b>		
	Space for keeping machine as per AERB guidelines	Yes	M-Mandatory
	Space for supplementary equipment like printer, film processor, injector etc	Yes	M-Mandatory-can be shared
	Reporting room	Yes	M-Mandatory-can be shared
	Reception, report dispatch and waiting area	yes	M-Mandatory-can be shared
	Toilet	Yes	M-Mandatory-can be shared
	Patient preparation area, change room	Yes	M-Mandatory-can be shared
	Electrical facilities with backup like UPS, Generator	Yes	M-Mandatory-can be shared
	Space for keeping patient monitoring apparatus, Resuscitatory appliances and Anesthesia machine	Yes	M-Mandatory-can be shared
	Furniture & Fixtures	Yes	M-Mandatory
	Communication system - Telephone, Fax, internet facility and mobile number for appointment and emergency helpline number of manufacturing company	Yes	M-Mandatory
	Water and Electricity	Yes	M-Mandatory
	Toilet (male and female wherever applicable)	Yes	M-Mandatory
<b>6</b>	<b>Human Resource</b>		
	<b>(Full time/Part time/Visiting)</b>		
	Number of Qualified and registered Radiologists	MD/DMRD /DNB Radiology	One/more per center
	Number of qualified and registered Nurses	yes	D
	Number of CT technicians with training status and support staff	Qualified with recognised course in Radiology technology, or equivalent	One/more per center
	Number of scavenging and support staff	yes	M-Mandatory-can be shared
	Roster of payment and salary of staff	yes	M-Mandatory
	Periodic health check up and vaccination of staff	yes	M-Mandatory

<b>7</b>	<b>Equipment/instruments/drugs</b>		
	List of equipments required	As per the scope of services	List can be provided
	List of small instruments required	BP apparatus, Pulse oximeter, Monitoring Anaesthesia equipment-if CT under sedation is in scope	List can be provided
	List of consumables	Films, envelopes for reports, CDs/DVDs for soft copies of report Injector syringes, tubing, i/caths, etc	List can be provided
	Annual Maintenance protocol for equipment and its record maintenance	Yes	M-mandatory
	List of Drugs and resuscitation equipments	1. Contrast agents; 2. Medication for preparation (e.g. Beta blockers, buscopan etc); 3. Medication for sedation; 4. Medication for resuscitation	Also refer to documents on hospital
<b>8</b>	<b>Support Service</b>		
	If applicable	Provision for appropriate patient transfer in case of adverse event	Radiation safety Officer
<b>9</b>	<b>Legal/Statutory Requirements</b>		
	To be registered under Atomic Energy Regulatory Board (AERB)		M-Mandatory
<b>10</b>	<b>Record Maintenance and reporting</b>		
	Proforma of list of names of patients along with diagnosis and name referral hospital	Preferrably linked to patient UID	D-Desirable
	Availability of reference books	Yes	D-Desirable
	Medicolegal records, as applicable	MLCs; Consents for contrast/sedation etc.	M-Mandatory
	Record keeping of technicians and support staff working in CT Center indicating their details including qualification, registration and training	Yes	M-Mandatory
	Duration of record maintenance: As per the Acts and Rules in force	Yes	M-Mandatory
	Statistics to be collected - If felt necessary	Yes	M-Mandatory

11	<b>Standards on basic processes</b>		
	Radiation Safety Measures and protocols as per AERB requirements	Yes	M-Mandatory
	Infection Control and waste management practices	Yes	M-Mandatory
	Safety considerations - Fire safety act	Yes	M-Mandatory
	Patient Information and Education and consent	Yes	M-Mandatory
	Timely preparation and dispatch of reports	Yes	M-Mandatory
	Trolleys for patient transport	Yes	M-Mandatory
	Regular calibration of Equipment	Yes	M-Mandatory
	Appropriate Air-conditioning	Yes	