

Compliance Checklist: Diagnostic Imaging

Use this checklist to help evaluate your compliance with The Joint Commission's diagnostic imaging requirements. Need help? Contact the Standards Interpretation Group at (630) 791-5900 for assistance.

Date completed: _____

Requirement:	Areas to assess:	Yes	No	Comment	Initials
EC.02.01.01 EP 14 (Applies only to MRI)	Processes are in place to address the following MRI safety risks (staff can describe processes for): - patients with claustrophobia, anxiety, emotional distress -urgent/emergent patient care needs -patients with medical implants, devices, embedded metallic objects -preventing entry of ferromagnetic objects into MRI area (only MRI safe/conditional equipment, such as fire extinguishers)* -protecting patients from acoustic noise				
EC.02.01.01 EP 16 (Applies only to MRI)	Access to the MRI area is restricted.* -all staff and patients are screened prior to entering the MRI area.* -there are controls in place to prevent unauthorized access to the MRI area* -warning signage is posted at the entrance to the MRI scanner* -signage is posted indicating that the magnet is always on (as applicable)*				
EC.02.02.01 EP 17 (Applies to CT, PET, and NM)	Staff dosimetry results are reviewed quarterly by Radiation Safety Officer, medical physicist or health physicist				
EC.02.04.01 EP 10 (Applies to CT, PET, NM, and MRI)	Equipment quality control and maintenance activities are identified Timeframes are established for how often they are to be done				
EC.02.04.03 EP 15 (Applies to CT, PET, NM, and MRI)	Equipment quality control and maintenance activities are done QC logs are complete*				

* = Frequent area of noncompliance

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EC.02.04.03 EP 17 (Applies only to CT)	At least annually: - the radiation dose (CTDI) is measured for adult brain, adult abdomen, pediatric brain, and pediatric abdomen, or other commonly used protocols and - the radiation dose for each protocol is verified to be within 20% of dose displayed -the measurements and dose verifications are <u>done by a medical physicist</u>				
EC.02.04.03 EP 19 (Applies only to CT)	A performance evaluation is performed annually by a medical physicist, and includes all required tests. Evaluation/ testing results and recommendations are documented.				
EC.02.04.03 EP 20 (Applies only to MRI)	A performance evaluation is performed annually by an MRI scientist, and includes all required tests. Evaluation/ testing results and recommendations are documented.				
EC.02.04.03 EP 21 (Applies only to NM)	A performance evaluation is performed annually by a medical physicist or nuclear medicine physicist, and includes all required tests. Evaluation/ testing results and recommendations are documented.				
EC.02.04.03 EP 22 (Applies only to PET)	A performance evaluation that includes all required tests is performed annually by a medical physicist Evaluation/testing results and recommendations are documented.				
EC.02.04.03 EP 23 (Applies to CT, PET, NM, and MRI)	A performance evaluation that includes all required tests and parameters is performed on each image acquisition monitor annually by a medical physicist or MRI scientist (for MRI only)				

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EC.02.06.05 EP 4 (Applies to CT, PET, and NM)	A structural radiation shielding design assessment is conducted prior to imaging equipment installation or room modification The survey is conducted by a medical physicist or health physicist				
EC.02.06.05 EP 6 (Applies to CT, PET, and NM)	A radiation protection survey is conducted after installation of imaging equipment or construction The survey is done prior to clinical use of the room and is conducted by a medical physicist or health physicist				
HR.01.02.05 EP 20 (Applies only to CT)	Documentation is available of verification of specified qualifications for each medical physicist supporting CT services				
HR.01.05.03 EP 14 (Applies only to CT)	Documentation of staff annual training and ongoing education is available. The training includes: -radiation dose optimization techniques -safe operation of CT equipment they will use				
HR.01.05.03 EP 25 (Applies only to MRI)	Documentation of staff annual training and ongoing education on all required topics is available				
PC.01.02.15 EP 5 (Applies only to CT)	Radiation dose index is documented for on every CT exam. The dose index is exam specific, summarized by series or anatomic area and retrievable				
PC.01.02.15 EP 10 (Applies to CT, PET, and NM)	Correct patient, imaging site, and patient positioning are verified prior to the exam For CT exams: Correct imaging protocol and scanner parameters are verified				

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PC.01.03.01 EP 25 (Applies only to CT)	Imaging protocols are established or adopted based on current standards of practice and include expected radiation dose index range				
PC.01.03.01 EP 26 (Applies only to CT)	Imaging protocols are reviewed, kept current. Input is provided by an interpreting MD, medical physicist, and imaging technologist.* Protocols are reviewed per established timeframes				
PI.01.01.01 EP 46 (Applies only to MRI)	Data is collected on any MRI-related patient thermal injuries				
PI.01.01.01 EP 47 (Applies only to MRI)	Data is collected on: -incidents where ferromagnetic objects have unintentionally entered the MRI scanner room -injuries resulting from the presence of ferromagnetic objects in the MRI scanner room				
PI.02.01.01 EP 6 (Applies only to CT)	Incidents where radiation dose indices exceeded expected dose index range are reviewed and analyzed. These incidents are compared to external benchmarks				

* = Frequent area of noncompliance