

## 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
<b>EC.02.01.01 EP 14</b> (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				
<b>EC.02.01.01 EP 16</b> (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)*				
<b>EC.02.02.01 EP 17</b> (Applies to CT, PET, and NM)	Staff dosimetry results are reviewed quarterly by Radiation Safety Officer, medical physicist or health physicist				
<b>EC.02.04.01 EP 10</b> (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				
<b>EC.02.04.03 EP 15</b> (Applies to CT, PET, NM, and MRI)	Equipment quality control and maintenance activities are done QC logs are complete*				

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<b>EC.02.04.03 EP 17</b> (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>				
<b>EC.02.04.03 EP 19</b> (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.				
<b>EC.02.04.03 EP 20</b> (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.				
<b>EC.02.04.03 EP 21</b> (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.				
<b>EC.02.04.03 EP 22</b> (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.				
<b>EC.02.04.03 EP 23</b> (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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<b>EC.02.06.05 EP 4</b> (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				
<b>EC.02.06.05 EP 6</b> (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				
<b>HR.01.02.05 EP 20</b> (Applies only to CT)	Documentation is available of verification of specified qualifications for each medical physicist supporting CT services				
<b>HR.01.05.03 EP 14</b> (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				
<b>HR.01.05.03 EP 25</b> (Applies only to MRI)	Documentation of staff annual training and ongoing education on all required topics is available				
<b>PC.01.02.15 EP 5</b> (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				
<b>PC.01.02.15 EP 10</b> (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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<b>PC.01.03.01 EP 25</b> (Applies only to CT)	Imaging protocols are established or adopted based on current standards of practice and include expected radiation dose index range				
<b>PC.01.03.01 EP 26</b> (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				
<b>PI.01.01.01 EP 46</b> (Applies only to MRI)	Data is collected on any MRI-related patient thermal injuries				
<b>PI.01.01.01 EP 47</b> (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				
<b>PI.02.01.01 EP 6</b> (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				