**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: ________________________**

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<th>Requirement:</th>
<th>Areas to assess:</th>
<th>Yes</th>
<th>No</th>
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| **EC.02.01.01 EP 14** | 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** | 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** | Staff dosimetry results are reviewed quarterly by Radiation Safety Officer, medical physicist or health physicist |     |    |         |          |
| **EC.02.04.01 EP 10** | 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** | Equipment quality control and maintenance activities are done  
QC logs are complete* |     |    |         |          |

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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 **done by a medical physicist** | | | | |
| **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**  
(Appplies 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 | Yes | No | Comment | Initials |
| **EC.02.06.05 EP 6**  
(Appplies 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 | Yes | No | Comment | Initials |
| **HR.01.02.05 EP 20**  
(Appplies only to CT) | Documentation is available of verification of specified qualifications for each medical physicist supporting CT services | Yes | No | Comment | Initials |
| **HR.01.05.03 EP 14**  
(Appplies 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 | Yes | No | Comment | Initials |
| **HR.01.05.03 EP 25**  
(Appplies only to MRI) | Documentation of staff annual training and ongoing education on all required topics is available | Yes | No | Comment | Initials |
| **PC.01.02.15 EP 5**  
(Appplies 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 | Yes | No | Comment | Initials |
| **PC.01.02.15 EP 10**  
(Appplies 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 | Yes | No | Comment | Initials |

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