


Name of Policy: <u>MRI zones</u> Policy Number: 3364-135-139 Department: Radiology Approving Officer: Chief Operating Officer - UTMC Responsible Agent: Chairman & Professor, Radiology Scope: Radiology	 Effective Date: 9/1/2023 Initial Effective Date: 9/1/2014
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Major revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy	

(A) Policy Statement

It is the policy of the MRI Department to follow the guideline put forth by the American College of Radiology (ACR) relating to zoning of the MRI suite.

(B) Purpose of Policy

To ensure the safety of our patients, guests, faculty, and staff, the MRI department has established 4 Zones for each MRI Suite- 1.5T Siemens scanner located in the Medical Pavilion and 3T GE scanner located in the main hospital Radiology

(C) Procedure

Each MRI Suite has identified the 4 Zones with signage

1. Zone I - This is the area in which the general public may pass
2. Zone II – This area is the interface between the general public and Zones III & IV.
 - a. Patients are greeted, screened, and supervised by MRI staff in this zone
 - b. Zone II is marked with signage in both MRI Suites near the dressing rooms
3. Zone III - This area is restricted to screened persons and approved ferromagnetic objects/equipment
 - a. This zone is clearly marked “Zone III” with a yellow circle on floor in front of the 3T MRI Suite scan room door
 - b. This area is clearly marked “Zone III” with a yellow sign above the door to the technologist control area at the 1.5T MRI Suite
 - c. Between Zone II and Zone III in the 1.5T MRI Suite, there is a metal/motion detector that must be passed through to enter Zone III
4. Zone IV – This area is synonymous with the MRI scan room
 - a. Only those persons who have been screened and deemed safe for the magnetic field may enter this zone
 - b. This zone is clearly marked at both MRI Suites by signage –“Zone IV” and with a red lighted sign above the door that states “Magnet is Always ON”.
 - c. Between Zone III and Zone IV in the 3T Suite, there is a metal/motion detector that must be passed through to enter Zone IV.

<p>Approved by:</p> <p><u>/s/</u> <u>07/26/2023</u> Haitham Elsamaloty, MD Chairman & Professor, Radiology <u>Date</u></p> <p><u>/s/</u> <u>07/20/2023</u> Ryan Landis, BSRT (R)(CT) Director, Radiology <u>Date</u></p> <p><i>Review/Revision Completed By:</i> <i>Haitham Elsamaloty, MD</i></p>	<p>Review/Revision Date: 9/1/2014 9/1/2017 9/1/2020 9/1/2023</p>
<p>Next Review Date: 9/1/2026</p>	
<p>Policies Superseded by This Policy:</p>	