MRI Scanning Procedures on Stent Patients

Name of Policy: MRI Scanning Procedures on Stent Patients
Policy Number: 3364-135-120
Department: Radiology
Approving Officer: Chief Executive Officer - UTMC
Responsible Agent: Interim Chairman & Professor, Radiology
Scope: Radiology

The University of Toledo
Effective Date: 5/1/2017
Initial Effective Date: 7/14/1999

(A) Policy Statement

Patients undergoing MRI scanning with implanted stent(s), must be screened for contraindications prior to being scanned.

(B) Purpose of Policy

To establish a protocol for imaging patients with implanted stents and to ensure patient safety.

(C) Procedure

1. When an implanted stent has been present in the MRI patient for less than six weeks, the stent must be identified and cleared by MR Safe card, or operative notes compared to MRI Safety Manual (Shellock & Kanal), and checked out by UTMC Radiologist/MRI Safety Medical Director.

2. If the manufacturer is unknown, the stent is declared “unidentified”. Unidentified stents are safe only six weeks after implantation AND are only safe for the scans to be performed on the 1.5T MRI scanner.

3. If the stent is identified as MR unsafe, the ordering physician is contacted to advise of the contraindication. At this point, Radiology Policy # 3364-135-64 (section 3) should be consulted for further action.

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Review/Revision Date:
9/1/2005
6/16/2011
5/22/2014
5/1/2017

Next Review Date: 5/1/2020

Policies Superseded by This Policy: S-011