
Department of Radiology – Diagnostic Division

SUBJECT/TITLE: MRI Scanning of Patients with Intravascular Stents, Coils and Heart Valves.

PURPOSE: To provide a protocol for MR technologists to image patients with intravascular stents, coils and heart valves.

DEFINITIONS: The MR Division of the Department of Radiology will develop protocols for safe MRI imaging practices.

POLICY: Policy addresses patients with intravascular stents, coils and heart valves who require imaging on the 1.5T and 3.0T MR scanners.

PROCEDURE:

1. May image all intravascular stents, coils and heart valves on a 1.5T or 3.0T MRI scanner using normal level setting even when the make and model of the device are unknown.
2. Imaging may be performed immediately after intravascular stent, coil or heart valve has been placed.
3. Stent grafts are excluded from this policy and will be addressed on a case by case basis.