SUBJECT/TITLE: Scanning Patients With Intravascular Stents in a 3 Tesla MRI

PURPOSE: To provide a protocol for technologists to image patients with intravascular stents in a 3T MRI.

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

POLICY: Policy addresses patients with intravascular stents who require MR imaging on a 3 Tesla (3T) scanner and either (a) the make and model of the stent are unavailable, or (b) the stent is known to be safe at 1.5T, but has not been safety tested at 3T.

PROCEDURE:

1. When intravascular stent make and model are unavailable or stent is known to be safe at 1.5T, it’s safe to image on the 3T MRI scanner.
2. Imaging may be performed immediately after intravascular stent has been placed.
3. Stent grafts are excluded, which will be addressed on a case by case basis.