

	Policy #: Rad Proc 14.8.2
SUBJECT: MRI CORONARY STENT POLICY	Effective: 10/1/2018 Revised: 1/2019
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**Purpose:**

To define the screening and safety procedures necessary for patients who have implanted coronary stents undergoing MRI at our facility.

**Background**

The presence of coronary stents is widespread in our patient population and thus the safety of implanted coronary stents in patients requiring MRI examinations needs to be addressed to ensure patient safety, define responsibilities of the technologist and radiologist, and improve workflow. After extensive review of the available literature, consensus statements from the American Heart Association, and physical principles involved, coronary stents are safe to be scanned using a 1.5T magnet.

**Policy:**

1. Coronary stents are safe to be scanned using a 1.5T magnet.
2. Technologist will continue to perform regular **screening** for implanted devices/metallic objects as they are currently doing by reviewing questionnaire with patient. When the patient has a coronary stent, they will document its presence and scan into EPIC the patient's information card if available.
3. Upon completion of the above the technologist may proceed without radiologist consultation.
4. Please note, this policy pertains only to percutaneous coronary stents and DOES NOT pertain to any other implanted device including, but not limited to, the following: pacemakers, automatic implanted cardioverter/defibrillators, neurovascular or peripheral vascular stents, cardiac valvular prostheses, or atrial septal closure devices, or any other implantable cardiovascular device.