

School of Diagnostic Imaging

A program of Rhode Island Hospital, a Lifespan partner

Magnetic Resonance Imaging

Student MR Safety

Magnetic Resonance Imaging (MRI) machines generate a very strong magnetic field within and surrounding the MR Scanner. Seeing as this field is always on, unsecured magnetically susceptible (Ferromagnetic) materials (even at a distance) can become accelerated into the bore of the magnet with a force sufficient enough to cause severe injury or damage to the equipment, patient, and/or any personnel in its path.

Anyone entering in this environment without being screened by the qualified MR personnel may potentially endanger the safety of everyone in the MRI environment. It is the qualified MR personnel, especially the MRI technologist's, responsibility to control all access to the scanner room. As a MRI Program student, you too become part of this safety team adhering and obligated to all MRI Safety policies and procedures. At any point a student has doubt, an MRI Technologist and/or Radiologist should be perused for reasoning and assurance on the correct answer.

NO ONE may enter the MRI scan room without an appropriate safety screening

The MRI Program and faculty need to ensure your safety and everyone that will be clinically operating around you. We need critical information to be able to appropriately evaluate if it is safe for you to enter and work in the magnetic field (scan room). If you are NOT safe to operate within the scan room, you are NOT a safe candidate to work in MRI.

After reading the following passages if you have any questions about your safety, please feel free to contact the MRI Program Director/Clinical Coordinator

The following can have potential contraindications depending on type, placement, and etc. If any of the following you have or have questions, please bring it to the MRI Program Director/Clinical Coordinator immediately:

Do any of the following apply to you personally?

____ Any surgical procedure that entails implanted electronic device(s), or any implant within/on your body you were not naturally born with? If so please list:

____ Cardiac Pacemaker, wires, or defibrillator

____ Brain/Aneurysm Clip(s)

____ Intracranial shunt: Programmable _____ Type: Codman or Strata

____ History of any welding, grinding, or metal in your eyes

____ Have you ever had an eye injury with metal, metal removed from your eye, and/or told by a doctor that all of the metal has been removed after an injury

____ Middle ear prosthesis, hearing Aid, or implant

____ Eye implant, or prosthesis

____ Any known metal fragments, bullets, BB, pellets,

____ We do like to be informed of pregnancy, however this is at the discretion of the candidate and/or enrolled student

Do you have any serious illness, disabilities, or contraindications that would prevent you from performing routine tasks in the Magnetic Resonance Imaging Department as a student and future technologist?
