

## MR Suite Safety Rules

Any researcher who uses the research magnet is required to set up and clean up properly. If the area is untidy when you arrive, or if equipment has not been returned to its proper position or default state, notify [Steven Shannon](#). If you fail to notify Steven, you will be held responsible.

### Set Up and Scanning

- Only qualified persons may operate the 3T MR scanner.
- Two members of the research team must be present during scanning, **one of which should be a green badge**. During tech supported hours, Steven Shannon may be the second person. Off hours each group must have two investigators, in the 3T Magnet Area (46-1158, 46-1158A, and 46-1158AA).
- No one (including researchers and assistants) may enter the scanner room without signing a screening form.
- Subjects that are rescanned on a different day must have a new screening form filled out.
- Subjects must sign the appropriate consent and screening forms before they are imaged.
- If there are any questions regarding a subject's compatibility with the magnetic field, Steven Shannon must be notified.
- Anyone entering the scanner room must first "de-metal" outside the magnet room (empty pockets, remove jewelry, watches, wallets, beepers, hair clips, leave pens, clipboards etc.)
- Hearing protection (in the form of earplugs or headphones, or both) must be used when scanning all subjects.
- Double check wires on all equipment you use in the scanning room for loops that can cause serious electrical burns.

- The scanner bed will not support subjects weighing more than 440 pounds.
- Don't use paper clips or other small metal objects (staples, etc.) in the console room or around the scanner. They tend to land on the floor and find their way into the magnet room and into the magnet.

### Clean up

- Return all equipment to its labeled place on the shelves or in the drawers.
- Place soiled linens in the laundry hamper in the magnet room.
- Contaminated materials (excluding sharps) must be placed in the contaminated waste box in the magnet room.
- All sharps are to be placed in the plastic sharps container located in the magnet room. Sharps are never to be placed in any wastebasket.

### Food and Drink

- Food or drinks are allowed in the Control Room (46-1158), but must never be on the console table or near equipment.
- You are responsible for disposing your wrappers/waste and throw them out in the garbage can in the waiting room (1164)
- Do not throw food wrappers of any kind in the Magnet Room Area wastebaskets.
- Food and drinks are permitted in the waiting room (1164)

### **Broken Equipment**

Report ALL broken equipment and equipment failures immediately to the MRI Support Team via email at [MRI-all@MIT.EDU](mailto:MRI-all@MIT.EDU). It is understood

that equipment in such constant use will occasionally break. You will not be held responsible, but we cannot fix items unless we know they are broken.

### **Assisting Subjects Onto The Scanner Bed**

The scanner bed can be lowered, and we have a step stool in the magnet room.

The Siemens scanner beds do not detach and thus cannot be brought outside the scanner room. Do not bring wheelchairs into the scanner room. If you will be scanning a wheelchair bound subject, ask Steven Shannon for assistance.

The scanner bed will not support patients weighing more than 440 pounds.

Contact [Steven Shannon](#) for more information.