

Magnetic Resonance Research Center
University of Pittsburgh
MRRC 005: Safety Clearance

PURPOSE:

The purpose of this Standard Operating Procedure document is to outline policy related to safety clearance of research participants and patients that may undergo an MRI at the MRRC.

POLICY:

Research participants or patients may have a device or implant that may not be safe for a research or clinical MRI. These devices and implants must be cleared prior to undergoing an MRI. If a participant/patient has an implant or device the following steps are to be completed by the study team prior to contacting the MRRC:

- Check MRIsafety.com to determine if the device or implant is listed as MR-Safe for a 3 Tesla (3T) MRI.
- Note if the device is listed at MR-Conditional at 3T, and the conditions can be met for the research or clinical MRI protocol. For research studies, the approved IRB protocol should be consulted for policies specific to conditional implants and devices.
- If the device is not listed on MRIsafety.com, provide a document from the manufacture stating the device is MR-Safe at 3T.
- If the device is not listed on MRIsafety.com and the manufacturer has not tested the device, provide a document from the participant/patient's medical specialist (e.g. neurologist, endocrinologists, etc.) stating the device is MR-Safe at 3T safe.

After all the steps above have been completed, if the device/implant's MRI safety cannot be determined, contact the MRRC's Lead MRI Research Technologist or any of the MRRC's MRI Advanced Research Technologist's to coordinate finding a solution. Users are to attach any relevant documentation and include the following information:

What the device is:

Who the manufacture is:

What the implant is made of:

If it has been tested in the MR environment, what are the result/conditions:

Users are to bring documentation regarding any implant or device to the MRI session. Prior MRI sessions are not sufficient evidence to clear a participant for an upcoming MRI session. All devices and implants must be cleared prior to every scanning session.