









## The Science Behind MRI and Metal

MRI machines create an extremely powerful magnetic field. This magnetic field may interact with any metallic object on or in your body, which creates a variety of problems. These interactions can include minor issues, such as distortion of images to severe dangers, for instance, the forced movement of metal objects that could cause injury.

Types of common Hazards associated with Metal during MRI Scan:

**Magnetic Attraction:** The magnetic field is so strong that metallic objects get pulled by the MRI machine and can create a projectile effect, posing a risk to you and the medical staff.

**Distortion of Images:** Metal causes interference with the MRI images that may lead to inaccurate results and hamper the process of diagnosis.

