



### **MRI Exam Preparation Requirements**

- You will typically receive a gown to wear during your MRI examination.
- Before the exam you will be asked to fill out a screening form asking about anything that might create a health risk or interfere with imaging.
- Items within the patient that may create a health hazard or other problem during an MRI exam include:
  - Cardiac pacemaker or implantable defibrillator
  - Catheter that has metal components that may pose a risk of a burn injury
  - aneurysm clip
  - An implanted medication pump (such as that used to deliver insulin or a pain relieving drug)
  - A cochlear (inner ear) implant
- Items that need to be removed by patients and individuals before entering the MR system room include:
  - Purse, wallet, money clip, credit cards, cards with magnetic strips
  - Electronic devices such as beepers or cell phones
  - Hearing aids
  - Metal jewellery, watches
  - Pens, paper clips, keys, coins
  - Hair barrettes, hairpins
  - Any article of clothing that has a metal zipper, buttons, snaps, hooks,
  - underwires, or metal threads
- Objects that may interfere with image quality if close to the area being scanned include:
  - Metallic spinal rod
  - Plates, pins, screws, or metal mesh used to repair a bone or joint
  - Joint replacement or prosthesis
  - Metal jewellery including that used for body piercing
  - Some tattoos or tattooed eyeliner (these alter MR images, and there is a chance of skin irritation or swelling; black and blue pigments are the most troublesome)
  - Bullet, shrapnel, or other type of metal fragment
  - Metallic foreign body within or near the eye (such an object generally can be seen on an x-ray; metal workers are most likely to have this problem)
  - Dental fillings (while usually unaffected by the magnetic field, they may distort images of the facial area or



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- o brain; the same is true for orthodontic braces and retainers)
- o Small children are managed with oral sedation or IV sedation and in extreme cases a general anaesthetic.