

# What is an Magnetic Resonance Imaging (MRI)?

Magnetic Resonance Imaging (MRI) combines a powerful magnet, advanced computer system and radiofrequency waves to produce accurate and detailed pictures of organs and tissues.



# Preparing for an MRI Exam

- No special preparation is needed prior to the exam unless your provider has given you other instructions.
- Depending on what information your doctor needs, the MRI scan may require the use of a contrast agent given intravenously to assist in visualizing certain structures in the body.

# Preparing for an MRI Exam

- You will be required to change into hospital scrubs or gown and will be asked to remove all metal objects that you may be carrying such as: watches, jewelry, cell phone, eyeglasses, etc.

*Please alert the technologist to any implants you may have.*

# What to Expect during an MRI?

- An MRI exam lasts between 30 and 90 minutes.
- A large magnet is housed within a circular structure. You'll lie down on a table that slides into the opening of the magnet. Depending on the area of concern, a device called a coil may be placed around the body part being examined. The coil receives the magnetic resonance signal.

# What to Expect during an MRI?

- The exam itself is painless, but noisy. The magnet produces repetitive tapping and thumping sounds, so you will be required to wear earplugs and special metal-free headphones to help block the noise.
- You will be able to communicate with your technologist during the exam with the use of a call button and headset/speakers.

# What to Expect during an MRI?

- If you are especially anxious or have claustrophobia, your ordering provider can order a mild sedative for you to take prior to your exam.
- Because movement can blur the resulting images, remain still and breathe quietly without moving your body.

# Important MRI safety information

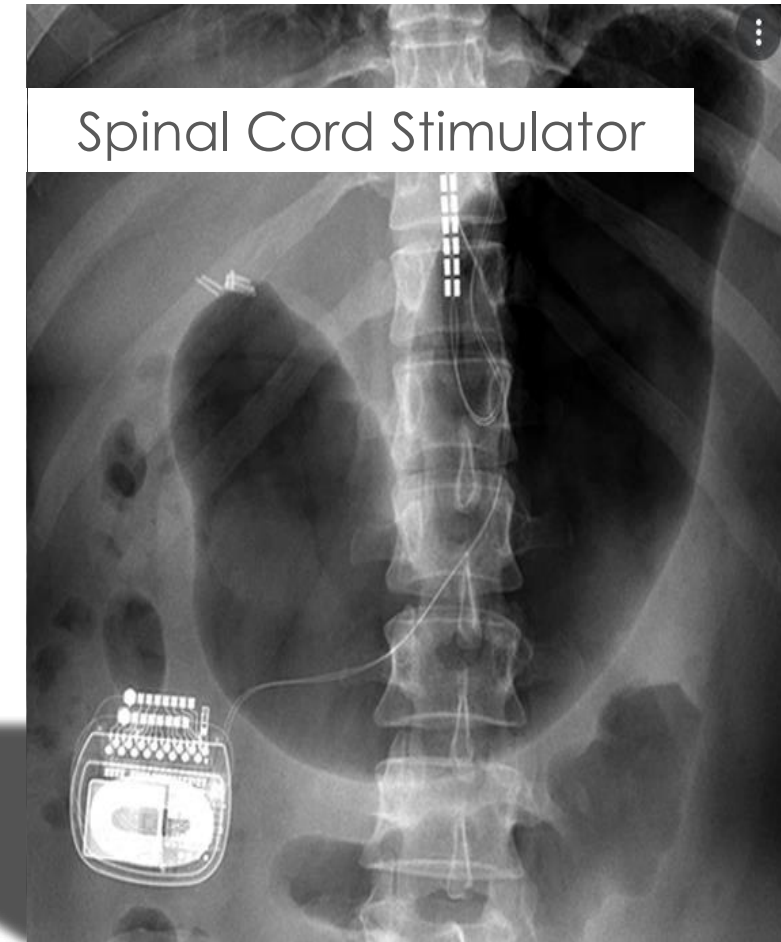


- The magnet in the MRI machine is always on.
- You will be asked to remove all metal objects.



# Important MRI safety information

- Alert the technologist to any implants
- Complete an MRI screening questionnaire.





# Important MRI safety information

- MRIs do not use radiation or radioactive substances of any kind.
- MRIs are safe for children, and an adult may stay in the scanning room for reassurance.