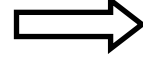


What is an MRI?

- MRI stands for Magnetic Resonance Imaging.
- A MRI takes clear and detailed three-dimensional pictures of the body by using a strong magnetic field and radio waves.

Please complete this survey so we can improve the patient/family experience



What is the Difference Between a Standard MRI versus a Portable MRI?

- For a standard MRI, the patient needs to be transported to the machine, while a portable MRI is on wheels, and is able to be brought to the unit.
- The portable scan may occur in a procedure room or at your child's bedside.
- The images from the scan can quickly be seen on the technologist's tablet.
- An open and safe design allows caregivers to be present and offer support to patients during the scan.
- **The portable MRI can only perform brain/head scans.**



Figure 1. Image provided with permission to use by Elena Klimina, UpCare Partners & Associates Inc, April 25 2024

Words You May Hear:

- Coils: loops of wire that produce a magnetic field.
- Contrast/Dye: a clear liquid that is usually given through an intravenous (IV), which acts like a highlighter in the body.
- Sequence: a programmed set of techniques used to capture a desired image from the MRI.



Figure 2. Patient positioning in the RF head coil. Image provided with permission to use by Elena Klimina, UpCare Partners & Associates Inc, April 25 2024

Frequently asked questions:

- **Will it hurt?** *No, the MRI is painless.*
- **How long will it take?** A portable MRI generally takes anywhere from 8 to 45 minutes.
- **Is an MRI the same as a CT scan?** No. While both are used to take pictures of the body, the tests can help doctors see different things.
- **Can I stay in the room during the MRI scan?** Yes, unlike a standard MRI, the portable MRI machine is designed with a safe and open concept, with reduced noise, so it is safe to stay in the room during the scan.
- **How can I support my child?** While you will not be able to hold your child during the scan, you may be present in the room. Speak to the technologist or nurse for more information.

