



## Northern Open MRI Quick Fact Sheet

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### Before you Arrive:

**The preparation for an MRI is simple. Follow your daily routine** and eat as normal, right up until the time of your exam. Unless directed otherwise by your doctor, continue to take any prescribed or over-the-counter medications. You may want to wear loose fitting comfortable clothes without zippers or metallic parts. (Scrub clothes are available if needed.) You are welcome to bring a music CD or listen to one of ours during your MRI. Valuables are not recommended. Due to the strong magnetic field certain items must be placed in one of our secure lockers.

### **The following cannot be brought into the MRI room:**

Hearing Aids - Jewelry – Keys – Watches – Watches – Dentures – Credit Cards – Coins – Any other metal items

### **Please inform our staff if you have any of the following. You may not be able to have an MRI.**

\* Pacemaker \* Metal Implants \* Aneurysm Clips \* Stents \* Pregnancy \* Cochlear Implants

### What happens during the examination

During the exam the machine will make tapping/knocking sounds while the scanner acquires the information used to produce the images. The patient will lie on a table with pillows for comfort and a coil will be placed around the area of interest for the scan. The coil is like BIG antenna. It is needed to generate the images. MRI examinations at NORTHERN OPEN MRI vary in time, ranging on average from 45min. to 1 hour per scan. All the patient has to do is lay still and relax while listening to music. . . let the machine do all the work!

### What are the benefits of an OPEN MRI?

- \* Our open design allows for the comfort of a parent or loved one to sit alongside the patient during the exam
- \* Patients cannot feel the MRI scan
- \* MRI does not use radiation /radioactive substances
- \* The superior detail and accuracy of an MRI is invaluable in detection/diagnosis of many problems and abnormalities.
- \* MRI enables the detection of abnormalities that might be obscured by bone with other imaging methods.
- \* MRI contrast material is less likely to produce an allergic reaction than the iodine-based materials used for conventional x-rays and CT scanning

**Magnetic Resonance Imaging (MRI)** is a method of obtaining 2D and 3D detailed cross-sectional images of internal body structures. MRI does not use radiation or radioactive substances. Physical properties of strong magnetic fields, radio waves and computers are used to generate the images for an MRI. The superior detail and accuracy from your NORTHERN OPEN MRI report can help your doctor with the detection and diagnosis of many problems and abnormalities.

The HITACHI ARIS II provides patients with the comfort of being in an OPEN MRI scanner. Patients can Experience the Difference. No Sedation is needed to alleviate the fear and the claustrophobia associated with a closed MRI scanner.

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**MRI** is a versatile diagnostic imaging modality with the ability to image many internal parts of the body. MRI can with incredible detail and accuracy, detect abnormalities which CT and X-rays cannot, especially those involving soft tissue. MRI is one of the most effective clinical evaluations used for diagnosing many problems and disorders including. . .

- \* Brain Disorders \* Eye Abnormalities \* Tumor Detection
- \* Sports Injuries \* Musculoskeletal Injuries \* Spine Diseases and Injuries
- \* Facial/Neck abnormalities \* Knee and Shoulder Injuries \* Blood Flow and Vessel Disorders