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Finding out the results

Our radiologist will review the MRI scan and will report the results to your physician. Your physician will then discuss the results with you during a follow-up office visit.

Your MRI appointment:

Patient Name:

Date/Time:

Please arrive 30 minutes before your scheduled exam for registration purposes.

Imaging Center of Hartford Hospital
 Department of Radiology
 MRI Department
 85 Jefferson Street Building
 Lower Level

Our technical staff includes state licensed radiologic technologists by the American Registry of Radiologic Technologists (ARRT) with certification in MRI. Our clinical staff includes board certified radiologists with an expertise in interpreting MRI exams. We are accredited by the American College of Radiology (ACR).

We offer daytime, evening and weekend appointments to accommodate your scheduling needs.

If you have any questions about your scheduled procedure please call (860) 545-5300. We encourage anyone with special needs to call us.

MRI exams:

- Abdomen
- Brachial Plexus
- Brain
 - Brain & Neck (MRA)
 - Brain, Infant (oral sedation)
 - Brain, Pediatric (anesthesia)
- Brain Spectroscopy
- Breast Biopsy
- Breast MRI
- Breast Localization
- Cardiac MRI
- Chest
- Cholangiogram (MRCP)
- Extremities and Joints
 - Knee
 - Shoulder
 - Hip
 - Ankle/Foot
 - Wrist/Hand
 - Elbow
- Fetal MRI
- Neck, Pharynx
- Orbit, Face
- Pelvis
- Prostate Spectroscopy
- Spine
 - Cervical Spine
 - Thoracic Spine
 - Lumbosacral Spine
- Vascular Studies
 - MRA
 - MRV Heart
 - Great Vessels

3D Advanced Image Analysis Services
 3T MRI at the Olin Research Center



IMAGING CENTER
 HARTFORD HOSPITAL

Magnetic Resonance Imaging

A Patient's Guide



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1

What is an MRI scan?

Magnetic Resonance Imaging (MRI) is an advanced imaging technique using a strong magnet and a complex computer system to produce high resolution images of soft tissue and structural anatomy. MRI has revolutionized the fields of musculoskeletal, cardiovascular and neurologic imaging. The images collected provide detailed information which are displayed on computer monitors and reviewed by our radiologist to make a diagnosis.

Some MRI scans require the use of intravenous (IV) contrast to help visualize certain structures in your body and further enhance the results of the study.

2

Preparing for an MRI

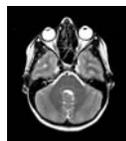
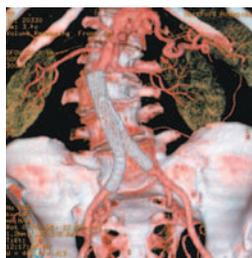
Our staff will contact you and review safety screening questions prior to your exam.

Please wear loose clothing without zippers or other metal pieces.

Please remove all of the following:

- Watches
- Jewelry
- Hairpins
- Glasses
- Wallets
- All other metal objects

Lockers are provided for your convenience.



3

What happens during an MRI scan?

When you arrive, we will review your medical history and any past imaging procedures with you.

Our technologist will help position you on a comfortable, padded table. Motion can distort images so you will be asked to lie still while the scanner acquires the images. For some scans, you will be asked to hold your breath from time to time. During the exam, you will hear rapidly repeating loud knocking noises from within the scanner, but you will not feel anything unusual. Our technologist will be monitoring and supporting you during your exam.

Ear protection and listening to music are available in our department. In addition, Cinema Vision 3D movie technology may be available to ensure your comfort. Although at times you will not hear any knocking noises, you will need to refrain from moving because images are being collected. An intercom system in the room will enable our technologist to communicate with you at all times.

The exam ordinarily takes between 30 minutes to two hours depending on the type of scan your physician has ordered.

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Precautions and key information

Due to the magnetic fields used in MRI, please tell us if any of the following applies to you:

- Aneurysm clip(s)
- Any external or internal metallic object
- Any metallic fragment or foreign body
- Any type of prosthesis or implant
- Artificial or prosthetic limb
- Cardiac pacemaker
- Cochlear implant or implanted hearing aid
- Electronic implant or device
- Hearing aid
- Implanted cardiac defibrillator
- Implanted drug infusion device
- Insulin or infusion pump
- Magnetically-activated implant or device
- Medicine patch
- Neurostimulation system
- Permanent eyeliner
- Spinal cord stimulator
- Other implant(s)

Please let us know if you are pregnant or may be pregnant.

If you have any questions regarding the information above, please contact our department and speak with one of our technologist prior to your scheduled exam at (860) 545-5300.

