

## **Imaging Facts Sheet for Magnetic Resonance Imaging: Liver and/or Heart Iron**

### ***What to expect during your MRI exam***

When you arrive at the MRI Department you will be asked MRI safety questions to make sure you are safe to enter the MRI scan room.

### **STANDARD SAFETY QUESTIONS:**

Dialysis or Renal Failure	Aneurysm Clip in brain
Heart Valve Replacement	History of Metal in Eyes, skin or body
IVC Filter (ex. Greenfield Filter)	Embolization Coil
Cochlear Implant or hearing aid	Diabetic
Transdermal Medication Patch	Claustrophobia/anxiety
Nerve Stimulation Device {TENS}	Implants or devices in the body
Pregnancy or Breast Feeding	Implantable Cardioverter Defibrillator (ICD)
Cardiac Pacemaker or Wires	Breast Tissue Expanders

### **PREPARING FOR THE MRI SCAN:**

Once it is determined that you are safe to enter the MRI scan room you will be asked to dress in hospital pajamas. You may be asked the MRI safety questions several times by different staff members, please do not be concerned we are just making sure that you are safe. An MRI technologist will greet you and will bring you to the scanning room area.

### **DURING THE SCAN:**

For the scan itself you will be placed on the MRI equipment and table, lying on your back and enter the scanner feet first. Part of the MRI equipment will be placed on top of your abdomen in order to obtain the pictures. There will be a belt placed around your waist and this is for determining if you are holding your breath for the pictures. There may also be a probe placed on your finger so the images are in tune with your heartbeat. You will then be covered with a sheet or blanket to maintain your privacy and keep you comfortable. During the time of the scan we ask that you refrain from moving so that all the images can be precisely acquired, some pictures we may not be able to repeat. Some of the pictures require you to hold your breath. You will be offered ear protection, because the scan does make loud sounds. For many exams we may offer you earphones so you may listen to music. You will also be given a call bell in case you need to alert the technologist.

**RESEARCH STUDY:** The sequence that is used to measure the iron that is in your heart and/or liver is a research sequence and, therefore, you will be asked to sign a consent form in order to perform this study. A technologist will explain the exam and the consent form to you at the time of the study. The purpose of the consent form is to share the information we gather with General Electric, the manufacturer of the MRI scanner, and this information will be used to make future improvements, if necessary, to the study.

**EXAM TIME:** Approximately 30 to 45 minutes

**ALLERGIES:** Please alert the technologist if you have allergies

### **RESULTS:**

Your physician will receive the report in the next 1-2 days following the date of the scan. If you need films or CD please let technologist before the exam.

If you have any questions about your scheduled exam, please call (860) 545-5300.

*Thank you for choosing Hartford Hospital Imaging Center and giving us the opportunity to serve you.*