



701 10th Street SE  
Cedar Rapids, IA 52403-1292  
319 398-6011

## **MRI Scan-Head Vessels (MRA & MRV) (Arteries and Veins) Procedure**

To Schedule: (319) 398-6794

Questions about Procedure: (319) 398-6050

### **What is a MRI?**

A MRI scan produces dimensional images by using a large magnet and radio waves. It is a way of looking inside the vessels in your head without using x-rays. A strong magnetic field is created and a radio frequency is beamed into that magnetic field. Measurements of energy from the tissue being scanned are sent to the computer where the screen image will be recorded. Your MRI scan will take approximately 10-15 minutes.

### **Preparation:**

You may eat and drink before the exam and take your medications.

Patients who are claustrophobic may require oral sedation prior to the MRI scan. Please contact your physician and discuss the use of medication that can be taken at home before the exam. Be aware that you must have someone to drive you to and from the hospital if you are pre-medicated.

Patient's that **MAY NOT** be allowed to have an MRI, please check with your physician:

1. Persons wearing a pacemaker/defibrillator
2. Persons who are pregnant
3. Persons who have brain surgery with aneurysm clips
4. Persons who have metal shrapnel in eyes
5. Persons who have ear implants

### **PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:**

**A PHOTO ID TO VERIFY YOUR IDENTITY**

**A LIST OF CURRENT MEDICATIONS YOU ARE TAKING**

### **Procedure:**

It is important to lie still throughout the entire exam as any motion may distort the image. During the exam, you will hear LOUD knocking sounds so you will be given earplugs.

### **Parking/Registration:**

Park in the Mercy Medical Center 10<sup>th</sup> Street Parking Ramp, located at the corner of 10<sup>th</sup> Street and 8<sup>th</sup> Ave. SE. You will be pre-registered, so you can proceed to **Ground (G)** level and follow the signs to "Radiology (X-Ray)," also located on **Ground (G)** level.

### **Procedure Results:**

Please allow 2 business days from your exam for your physician to review your

Radiology results.

**Your appointment date and time:**

Procedure date: \_\_\_\_\_

Procedure time: \_\_\_\_\_ (Please arrive 15 minutes early)