

## **MRI Scan- MRA or MRV Head Vessels 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 for a MRA procedure:**

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

Patients who are claustrophobic may require sedation prior to the MRA scan. The ordering physician must order the prescription for oral sedation. Patient must pick up medication from pharmacy of choice. Patient should take Oral Sedation 1 hour prior to the exam. Patient must have a driver to bring and pick up from the procedure.

### Persons not allowed to have a MRI:

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 (Who interprets the results):**

A radiologist will review the images shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss the results with you.

Please allow your physician time to review these results, usually 2 business days after the exam.

**Your appointment date and time:**

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

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