



## **Magnetic Resonance Angiography (MRA)**

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### **MAGNETIC RESONANCE ANGIOGRAPHY (MRA)**

The following information is a brief description of Magnetic Resonance Angiography (MRA). If you have any questions after reading this information, please speak with your nurse.

#### **What Is A Magnetic Resonance Angiography (MRA)?**

- An MRA can obtain very clear images of arteries and veins without the use of x-rays. Using MRI technology, a MRA uses magnetic fields and radio waves to produce images.

#### **Where Is The Procedure Done?**

- MRI suite, Basement, Schwartz Health Care Center.

#### **How Long Does It Take?**

- MRA examination times vary. You will spend between a 1/2 and 1 1/2 hours in the MRI Department.

#### **What Preparation Is Needed?**

- Tell the doctor or technologist if you have a pacemaker or any metallic objects within your body (see attached questionnaire).
- Do not use hair spray or wear makeup.
- Remove jewelry, eyeglasses, hearing aides, contact lenses and any removable dental work.
- If you are claustrophobic or get very anxious in enclosed areas, ask your doctor about ordering sedation for the exam.
- Avoid drinks with caffeine so it will be easier for you to relax during the exam.
- You may eat, drink and take your usual medications right up to the time of the exam unless instructed otherwise.
- You will need to wear a hospital gown for this test.
- Escort staff will bring you to the MRI suite in a wheelchair or on a stretcher. If you receive sedation, you will go on a stretcher.



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### **What Happens During The Procedure?**

- You must complete and sign a questionnaire.
- MRI staff will double check that any metal on your body has been removed.
- You will lie on a cushioned table and be positioned.
- Blankets are available since the room is cool.
- If you are to receive a contrast injection, an IV will be started if you don't already have one.
- The table will slide inside the MRI Scanner (the magnet).
- While inside the MRI Scanner, you will be in voice contact with the technician.
- The Scanner makes a banging noise during the examination. You will be offered a headset to listen to music or earplugs to reduce the noise level.
- It is very important that you do not move.
- When the scanning is done, the technician will help you off the table.

### **What Happens After The Procedure?**

- You will return to your room by wheelchair or stretcher.
- You may resume usual activities. However, if you receive sedation, rest until sedation wears off.
- Your doctor will go over the results with you. The results are available to your doctor that day.

### **SPECIAL INSTRUCTIONS OR QUESTIONS**

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