



Tell your doctor if you are pregnant or breastfeeding.

You have scheduled a Resting MUGA scan. This scan creates video images of the lower chambers of the heart to check whether they are pumping blood properly. This study uses a small amount of radioactive material. The level of radioactivity used is extremely low and has no side effects.

How do I prepare for my study?

- If you know that you are not able to lie on your back in a scanner about 45 minutes with your arms above your head, you will need to contact the Nuclear Cardiology scheduling desk beforehand at (737) 232-3231.
- If you need pain medication or a mild sedative for claustrophobia during the scanning, please contact the doctor who ordered this test or your primary doctor for a prescription. You must also arrange for a driver to take you home when your test is completed as you will not be able to drive after taking the sedative.
- Park in Parking Structure P5 at the Cardiovascular Center
- Plan on being at the Cardiovascular Center 1.5-2 hours.

What will happen during my study?

1. An IV will be placed in a vein to draw out a small amount of blood.
2. Your blood will be tagged with a small amount of radioactive material. This tagging process takes about 20 minutes.
3. After the tagging process, someone will reinject your blood, into the same IV, as you are positioned on an imaging table under a special detector called a gamma camera. The camera will be close to the part of your body being

imaged. The camera does not produce any radiation and will not cause any pain or discomfort.

How do I get results of the test?

The Nuclear Cardiology Doctors will review your test images before you leave the department to make sure the images are satisfactory. Generally, the test results are sent to your ordering doctor within 48 hours. Your ordering doctor releases your information to you.

Who do I call if I have questions?

If you have any questions, please call the Michigan Medicine Nuclear Cardiology Department at (734) 232-3231 between the hours of 7:30 a.m. and 5:00 p.m., Monday thru Friday and ask to speak with a Technologist.

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