



Nuclear Medicine Muga Scan

Exam scheduling

(218)249-5593

St. Luke's

(218)249-5555

Diagnostic Imaging

(218)249-5222

www.slhduluth.com/hospital/imaging/

Exam Information

Diagnostic Imaging

What is a Muga exam?

This test evaluates the function of your heart muscle. It involves drawing some of your blood, mixing it with a radioactive material (no side effects), re-injecting your blood and taking pictures as it passes through your heart's ventricles.

How is the exam performed?

An IV will be placed and a small amount of blood will be drawn, labeled with a radioactive material, and then re-injected 15 minutes later. You will be asked to lie on your back on a narrow table with your arms over your head. Three ECG electrodes will be placed on your chest and attached to a heart monitor. A special camera will be positioned very close to your chest for two 10 minute images. You will need to be very still.

This test takes approximately 1 hour.

How should I prepare for the exam?

- Bring a list of current medications.
- This test does not require any specific preparation.

What will I feel during the exam?

There are no side effects to this test. At the end of imaging the IV will be removed and it will be fine for you to leave. No restrictions.

Who interprets the exam and when will I get my results?

After the exam, a cardiologist who is specially trained to interpret Muga exams will review your images and send a written report to the physician that ordered the exam for you. That physician will then contact you with your results.