

What is a Cardiac Multiple Gated Acquisition (MUGA) Scan Test?**Why is a MUGA test ordered?**

Your doctor has ordered a MUGA scan for you to evaluate the efficiency of your heart's ability to pump blood.

Plan to be at the testing area for one (1) hour.

Is there any special preparation prior to the test?

There are no dietary restrictions for this test, eat as usual. Take all of your regular medications before the test unless directed otherwise by your doctor. If you are a diabetic test your blood, sugar before you arrive at the testing area. You are encouraged to bring your blood sugar meter with you. Bring a current list of all your medications with you for the Nuclear Medicine technologist to review.

What can I expect the day of the test?

- After you have registered you will be met by a Nuclear Medicine technologist.
- You will then receive an injection of Pyrophosphate in a saline solution. Rarely is there a reaction to pyrophosphate, when it occurs it is very mild and consists of a rash. This injection prepares the red blood cells to receive the nuclear

tracer so that images can be obtained.

- Approximately 25 minutes later you will receive the injection of the radioactive tracer, Technetium (Tc-99m). Tc-99m allows for the measurement of the blood flow through the left ventricle of the heart. This measurement is used to calculate the amount of blood that is pushed out of the heart with each heart beat.
- You will be placed under a nuclear gamma camera to obtain the images, and an EKG will also be used.
- The test will consist of acquiring two sets of images. Each set of images will be seven minutes in duration.
- Once the images are obtained the test is over.

How will I get the results of the test?

At no time can a technologist discuss results of the test. The test will be interpreted by a Cardiologist, who will then send the results to the doctor who ordered the test for you. Preliminary results will be faxed the day of your scan to the ordering doctor.

Directions to your appointment

***There are two out-patient testing locations, check to make sure you know where your appointment is scheduled.**

Danbury Hospital Medical Arts Center:

Located at 111 Osborne Rd., Danbury, CT., park in any available parking space, or in the Gold parking garage. Enter the main lobby on the first floor for registration, and then proceed to the third floor.

If you have further questions please call (203) 739-8280.

Southbury:

Located at, 22 Old Waterbury Road, Southbury, CT., upon arrival please register with Cardiology Reception, in Suite 107.

If you have any further questions, please call Southbury Cardiology at (203) 262-4234.

Source: Danbury Hospital Praxair Regional Heart and Vascular Center.

05/2008