



Cardiac Blood Pool Image MUGA (NMMUGA)

This instruction sheet has been prepared by Faith Regional Health Services. It includes the basic points of your care. If you have any questions, please feel free to contact them at 402-644-7540.

A cardiac blood pool scan is done to:

- Check the size of the heart chambers (**ventricles**).
- Check the pumping action of the lower ventricles.

The Cardiac Blood Image MUGA is commonly performed on Chemotherapy patients or for Cardiomyopathy.

What happens during your exam?

You will lie on an examination table beneath the gamma camera. Electrodes are attached to your chest so that the electrical signal of your heart can also be detected. Then the camera will be positioned close to your body. The camera may be positioned in different places across your chest to record different views of your heart. The technologist cleans the site on your arm where the radioactive tracer will be injected. An IV line is then started in your arm and a small amount of the radioactive tracer is injected.

The gamma camera will take pictures as the radioactive tracer moves through your bloodstream and into your heart. It is important not to move while the scan is under way.

The camera does not produce any **radiation**, so you are not exposed to any additional radiation while the scan is being done. You will need to hold still during each view, which may take up to 10 minutes. The procedure usually takes an hour.

Additional Information:

- Testing is performed Monday through Friday at FRHS West Campus.
- Enter the hospital through the main lobby and check in at the admitting desk.

Date and time of your exam: _____

Check in at admitting desk at: _____

Results of your test may take 24 to 48 hours to reach your provider and will be discussed with you at your next scheduled office appointment. If you do not have an appointment scheduled and have not heard from your provider, please contact them after 48 hours to set up an appointment to discuss your results.