

Consent for Nuclear Medicine MUGA Scan

Patient Name: _____ DOB: _____

I, _____, authorize Dr. Zelalem Yilma and/or her assistants to perform a MUGA scan test on me.

MUGA (Multi-Gated Acquisition) scan is a procedure that allows the doctor to evaluate the pumping ability of the heart. A special gamma camera captures the events in the heart's pumping cycle; the contraction of the heart, followed by its relaxation.

A small amount of blood will be drawn from your arm and mixed with a radioactive imaging agent. The radioactive substance "tags" or attaches to the red blood cells in the blood. After a 30 minute period, your blood will be re-injected back into your bloodstream.

Your heart rate will be monitored during the procedure. The gamma camera will acquire data based on the tagged red blood cells and heart rate. From this data, the computer will calculate the amount of blood pumping through the hearts left ventricle. This is called the "Ejection Fraction (EF)".

The pictures will be taken while you are lying on the table under the gamma camera. You must lie still while the camera collects the data information. A physician will interpret the data and evaluate how efficiently the left ventricle is functioning.

Nuclear imaging tests carry a very low risk of complications. Exposure to the radioisotope delivers a small amount of radiation. This is safe for patients who have an occasional nuclear imaging test. The amount of radioactivity that you receive would be comparable to that of a chest x-ray.

There is no danger that you could acquire any diseases from the blood that you are given since it is your OWN blood that is drawn and given back to you with the added nuclear agent.

This procedure has been fully explained to me. I understand the indications, benefits and risks of the procedure. I agree to proceed with this test.

Patient Signature: _____ Date: _____

Witness: _____ Date: _____