



## MUGA TEST

Date/Appointment time: \_\_\_\_\_

This test is scheduled at:

- Fiesta Office  
1580 N. Fiesta Blvd • Suite 100 • Gilbert, AZ 85233
- Main Office  
143 S 63<sup>rd</sup> Street • Suite 100 • Mesa, AZ 85206

### PATIENT INFORMATION:

A MUGA scan (Multi-Gated Acquisition) is a diagnostic tool for monitoring the motion of the heart walls & determining the heart's EF (ejection fraction), which is a measure of the percentage of the heart's pumping volume compared with its total volume of blood. The camera follows the blood moving through your heart, and the ECG collects data from several hundred heartbeats. Please allow approximately 1 hour and 15 minutes for the entire test.

The MUGA scan Process:

1. An intravenous (IV) line will be started in your hand or arm.
2. A small amount of blood will be withdrawn. A radionuclide (tracer) will be added to the blood.  
Please note that the tracer is not a dye or contract agent, so there will be no side effects.
3. The blood is then injected back into your blood stream & IV removed.
4. For imaging of your heart, you will lie flat on your back on the camera's imaging table with your arms raised above your head.
5. Three electrodes will be placed on your ribs and connected to the ECG machine.
6. The camera will take two 10 minute images of your heart as it pumps the blood through your body.

**THERE ARE NO RESTRICTIONS PRIOR TO THIS TEST. YOU MAY EAT, DRINK AND TAKE YOUR MEDICATIONS AS NORMAL.**

**If you have any questions, please call the Nuclear Medicine Department at (480) 835-6100.**

Testing appointments run on time. If you are late for your testing, you may or may not be allowed to test, depending on the testing schedule. If you are unable to test because you are late or miss your appointment, there will be a \$50.00 charge added to your account.