



ALL LOCATIONS TOLL FREE 1-800-243-1912

## **MUGA NUCLEAR SCAN**

MUGA Scan stand for a Multi-Gated Acquisition Scan. This test evaluates how much blood is being pumped from the heart during a normal contraction. This blood being pumped out is known as an Ejection Fraction.

There is no patient preparation involved before the test. No side effects have been reported from having a MUGA Scan.

When a patient arrives, a technologist will start an IV which allows us to draw a small amount of blood. This blood is put in a vial with a radioactive tracer that tags itself to the red blood cells in the blood. Once the blood has been allowed to react in the vial, a technologist will reinject the blood back into the patient. Once the blood is all injected, a technologist will place 3 EKG leads on the patient's chest that allows a technologist to follow the patient's heart rhythm and rate. The patient is taken to the camera where they will lie on their back for 3 pictures. Each picture takes approximately 10 - 15 minutes. The entire test takes 1 ½ hours.