

## **MUGA SCAN (GATED CARDIAC BLOOD POOL)**

### **PATIENT PREPARATION:**

MUGA studies are contraindicated for patients who are actively undergoing blood transfusions.

### **PROCEDURE**

A sample of blood will be taken from a vein in the patient's arm, and will be labeled with a radioactive tracer. Approximately 30 minutes later, the blood will be re-injected into the patient's vein. Next, the patient will lie on an imaging table and have an ECG attached to their chest. Images of their heart will then be taken from one or several angles. The labeled blood highlights the chambers of the heart, and produces images of the heart's structure and function.