



701 10th Street SE  
Cedar Rapids, IA 52403-1292  
319 398-6011

## **Nuclear Medicine: Isotope Ventriculogram (IVG)**

To Schedule: (319) 861-7778

Questions about Procedure: (319) 398-6050

### **What is an Isotope Ventriculogram (IVG)?**

An Isotope Ventriculogram is used to evaluate the size, motion and function of the heart. A particular interest is taken with the function of the left ventricle. The left ventricle is the chamber of the heart that supplies blood to the body. The procedure will take 45-60 minutes.

**PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:  
A PHOTO ID TO VERIFY YOUR IDENTITY  
A LIST OF CURRENT MEDICATIONS YOU ARE TAKING**

### **Preparation:**

No preparation is needed.

### **Procedure:**

1. Upon arrival, an IV port will be established.
2. A small amount of blood (2-3 milliliters) will be taken and tagged with a radiotracer. The tagging process takes 25-30 minutes.
3. Once tagged, the tagged blood will be injected into the IV port enabling the blood volume in the heart to be visualized.
4. A three lead EKG will be established and three sets of images taken using your heart rhythm. This will take 20-30 minutes.
5. You will then be released and the images will be processed for review by a physician.

### **Parking/Registration:**

Park in the Mercy Medical Center 10<sup>th</sup> Street Parking Ramp, located at the corner of 10<sup>th</sup> Street and 8<sup>th</sup> Ave. SE. You will be pre-registered, so you can proceed to **Ground (G)** level and follow the signs to "Radiology (X-Ray)," also located on Ground (G) level.

### **Procedure Results (Who interprets the results):**

A radiologist will review the images shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss the results with you. Please allow your physician time to review these results, usually 2 business days after the exam.

### **Your appointment date and time:**

Procedure date: \_\_\_\_\_

Procedure time: \_\_\_\_\_ (Please arrive 15 minutes early)

Revise: February 2010  
CPT Code: 74150, 72194, 74170  
72192, 74160, 72193