



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

## **Nuclear Medicine: Indium-111 WBC Infection Imaging**

To Schedule: (319) 861-7778

Questions about Procedure: (319) 398-6050

### **What is an Indium-111 WBC Infection Imaging?**

Indium-111 WBC Imaging is performed to find areas of infection in the body.

### **Preparation:**

There is no special preparation for this exam.

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

### **Procedure:**

An Indium-111 WBC Scan has three steps.

#### Step 1:

When you arrive, a nuclear medicine technologist will obtain a brief history resulting in this exam. Once obtained, the technologist will draw approximately 40-60 milliliters of blood. Once drawn, you will be able to leave.

The blood must be sent to a laboratory so the white blood cells can be labeled with a radiotracer. This takes approximately 2 ½ hours. The technologist will instruct you when to return. Alternatively, if you have a cell phone, the technologist can contact you when the labeled cells are ready to be injected.

#### Step 2:

Once you return, the radiolabeled white blood cells will be re-injected. You will be instructed to return in 2-4 hours after the injection and again return 24 hours post-injection.

#### Step 3:

The next day you return to be imaged. This process can take up to 60 minutes.

### **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)