



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 10th Street Parking Ramp, located at the corner of 10th Street and 8th 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)