

Nuclear Medicine – Renal Scan

To Schedule: (319) 861-7778

Questions about your procedure: (319) 398-6050



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

What is a Nuclear Medicine?

Nuclear medicine uses radioactive materials to help diagnose and treat a wide variety of diseases and disorders. Nuclear medicine provides unique information about the human body and its function. Nuclear medicine helps providers diagnose diseases to make treatment more effective. It is one of the best diagnostic tests for the early detection of certain types of heart disease, thyroid disease, tumors, bone changes, etc.

Preparation:

Drink approximately 16 oz. of water, 2 hours prior to your scheduled exam time. At 1 hour prior to your exam, drink another 16 oz. glass of water. You will receive Lasix during the exam; therefore, we ask that you hold diuretic medication on the day of the scheduled exam. Consult your provider before stopping any medication.

Procedure:

A nuclear medicine technologist will inject a small amount of radioactive material called a radiotracer. The radiotracer is typically injected into the bloodstream, but they can also be inhaled or swallowed. The radiotracer travels through the area being examined and gives off energy in the form of radiation which are detected by a special camera and a computer to create images of the inside of your body. Depending on the body parts being imaged, the time needed to acquire images will differ. Most exams are done while laying on a bed and will take between 20-40 minutes.

PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:

A PHOTO ID TO VERIFY YOUR IDENTITY

A LIST OF CURRENT MEDICATIONS YOU ARE TAKING

Parking:

Park in the Mercy Medical Center 10th Street Parking Ramp, located at the corner of 10th Street and 8th Ave. SE. Proceed to **Ground (G)** level and follow the signs to "Radiology (X-Ray)," also located on **Ground (G)** level.

Procedure Results:

A radiologist will review the images shortly after the exam is completed. A written report will be sent to the provider who ordered your exam. Your provider will discuss the results with you. Results will typically be available for your provider within two business days of the exam. Results will also be sent to your MyChart account.