

Nuclear Medicine – V/Q Scan (Lung 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.

A lung scan is performed to evaluate if a patient is suffering from a blood clot in the lungs. This is called a pulmonary embolism.

Preparation:

There is no special preparation for this exam.

Procedure:

A mouthpiece will be placed into your mouth, and a nose clip will be applied over the nostrils of your nose. You will breathe a radioactive aerosol, within a closed breathing system for approximately 3-5 minutes then a set of images will be taken over the next 6 minutes. For the second part of the exam, a radioactive material will be administered through an IV and a second series of images will be taken which will take another 6-10 minutes. The total exam will take approximately 30 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.