

## **Nuclear Medicine: V/Q Scan (Lung Scan)**

To Schedule: (319) 861-7778

Questions about Procedure: (319) 398-6050

### **What is a V/Q (Lung) Scan?**

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.

### **PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:**

**A PHOTO ID TO VERIFY YOUR IDENTITY**

**A LIST OF CURRENT MEDICATIONS YOU ARE TAKING**

### **Procedure:**

This exam is usually emergent and done immediately. There are two parts to the exam.

#### Ventilation:

An oxygen mask is placed onto the patient's nose and mouth. The patient will breathe Xenon-133, a radioactive gas, within a closed breathing system for approximately 5 minutes while images are taken. This assesses for any airway restrictions in the lungs.

#### Perfusion:

A radioactive pharmaceutical will be administered into a patient's vein and a series of images will be taken. This will take approximately 20 minutes. This assesses for any blood flow restrictions in the lungs.

A chest xray is needed within 12 hours of the V/Q scan.

### **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)

Revised: February 2010  
CPT Code: 78585, 78580