

Lung Scan (V/Q Scan)

Department of the test: Nuclear Medicine (NM)

Purpose of this test:

To assess the circulation of air and blood within your lungs for several possible disease processes such as pulmonary embolism, preoperative evaluation, etc.

On the day of the test

The test is done in two parts: 1. perfusion, which shows the flow of blood to the lungs, and 2. ventilation, which shows the flow of air in and out of the lungs.

1. Please check in first at our NM service counter.
2. You will have a bolus of radioactive bolus tracer injected into your veins by our NM physician.
4. Following the perfusion scan is the ventilation scan, in which a mask will be placed over your nose and mouth and you will inhale a mixture of oxygen and radioactive aerosol for about 10 minutes.
5. Then, go back to the imaging bed and the pictures for lung ventilation will be taken for 20-30 minutes.

Total duration of the test: About 1 hour.

Adverse drug effect of the test: Very rare.