



NUCLEAR MEDICINE PATIENT INSTRUCTIONS

Lung Scan (Ventilation and Perfusion)

Patient: _____ Appointment Date: _____

Arrival Time: _____ am/pm Scan Time: _____ am/pm

Location: Nuclear Medicine at Mankato Clinic
1230 East Main Street, Mankato, MN 56001

Please check in at Central Registration prior to going to Nuclear Medicine.

If you are unable to keep your appointment or have questions, please call 507-389-8519.

What is a/an Lung Scan (Ventilation and Perfusion):

This test is an imaging procedure uses a small amount of a radioactive material to examine the airflow and blood flow to the lungs. This is useful in detection of blood clots in the lungs.

How do I prepare for the test:

- Before scheduling your test, please tell your provider if you are:
 - Pregnant or think you may be pregnant or breastfeeding.
 - Tell your provider if you have had any radiology procedures that used barium contrast 1-2 weeks before this test.

What will happen during the test:

There are 2 parts to this test.

- **Part 1:** You will lie on your back on the imaging table with your arms above your head.
 - You will breathe oxygen and a small amount of radioactive material through a special mouthpiece for five minutes.
 - Images will be taken of your lungs with a special camera for 15-20 minutes while you remain still on the table.
- **Part 2:** A technologist will start an intravenous (IV) line in your arm or hand.
 - You will receive a small amount of radioactive material through the IV.
 - You will lie still on your back on an imaging table with your arms above your head.
 - Images will be taken for another 15-20 minutes.
- Total test takes about 45 minutes

Instructions for after your test:

- Your provider will share the results of your test with you at your follow-up appointment. If you do not have a follow-up appointment, your provider may contact you by letter. If not, you may contact your provider's office five to seven business days after your test to obtain results.
- The technologist will remove the IV.
- You may return to your normal activities immediately.