



SAINT ANTHONY MEDICAL CENTER

Nuclear Medicine Department

815-395-5235

Test Name:

Nuclear Medicine Lung Scan, V/Q Scan, and
Ventilation and Perfusion Scan

Welcome to the OSF Saint Anthony Medical Center Nuclear Medicine Department.

This information will help you understand the test that has been scheduled.
Thank you for trusting OSF for your medical imaging needs.

When to come:

Please arrive 15 minutes before your appointment time to check in.

What to bring with you:

Please bring your chest X-ray if has been taken within the last 24 hours. A chest X-ray is needed to compare with the nuclear medicine lung scan. If a chest X-ray has not been taken within 24 hours of the nuclear lung scan, you will need to have one performed.

You may have had X-rays done at a hospital other than OSF Saint Anthony Medical Center or OSF Center for Health – Rock Cut. Please bring copies of the pictures with you the day of the test. You may also request that the doctor's office send the pictures or results to OSF Saint Anthony Medical Center before your test.

Preparation:

None

Family:

Family or friends are asked to stay in the waiting area during the test.

Pregnancy testing:

Pregnancy testing will now be performed on females receiving diagnostics between the ages of 10 and 55 if you have not had your tubes tied or a hysterectomy. Home pregnancy tests are not acceptable. If you know that you are pregnant, please notify your doctor.

Medications:

Follow instructions given by your doctor's office.

Test instructions:

There are two parts to a lung scan. The first part checks how well air moves in and out of your lungs. You will be asked to breathe a radioactive material through a mouthpiece for 5 minutes. This will allow a radioactive gas to get to your lungs. You will then lie on a table so we can take multiple pictures of the gas in your lungs. This scan will take 5 to 10 minutes.

For the second part of a lung scan, you will be injected in a vein a small amount of radioactive material that allows us to see the blood flow to the lungs. More pictures will be taken that may take another 5 to 10 minutes.

There are no side effects from the injection of the radioactive material or the radioactive gas. It is not a drug or a dye.

Test results:

Your study will be read by a nuclear radiologist – a doctor specializing in nuclear medicine – and a report will be sent to your ordering doctor. Sometimes those results will be called or faxed immediately to your doctor. Please wait several hours before contacting your doctor.