You are scheduled for a Quantitative Lung Scan on _____________ at _______________.

Please report to TC100 in Mitchell Hospital 20 minutes before your appointment time to register for the test.

ABOUT THE TEST
A Quantitative Lung Scan is used to look at the air flow and blood flow of the lungs. Radioactive tracers are used for the test. One is a gas that is inhaled and the other is a liquid that is injected into a vein. The amount of radioactivity is small and well within limits that are safe. You will be at the medical center about one hour.

NOTE: Patients who are pregnant or may be pregnant should consult their physician before having this test.

PREPARATION FOR THE TEST
There is no preparation required for this test.

HOW IS THE TEST PERFORMED?
When you arrive in the Nuclear Medicine Department, a technologist will confirm your identity and ask you questions about your medical history. He/she will explain the test to you. The technologist will ask you to sit in a chair in front of a special camera or lie down on a table over a special camera. He/She will then explain breathing instructions to you. The technologist will place a clear mask over your face, so that you can inhale the radioactive gas. This part of the test will last 5 to 8 minutes. The technologist will ask you to lie down, if you are sitting up, and inject a radioactive tracer into a vein in your hand or arm. He/She will then take a series of pictures of your lungs from several angles.

AFTER THE TEST
You may resume your normal activities and diet after the test. A Nuclear Medicine physician will interpret the exam and the results will be sent to the ordering physician. If you have any questions about the procedure or cannot keep the appointment, please call the Nuclear Medicine scheduling staff at 773-795-9723.