You are scheduled for a Lung Scan (VQ) on ___________ at ____________________

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

ABOUT THE TEST
Quantitative Lung scans are used to assess the function of the lungs using a radioactive gas to evaluate air flow and an injected radioactive tracer to evaluate blood flow. The blood flow and air flow are then measured using a computer program for pre-surgical evaluation.

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

PREPARATION FOR THE TEST
No preparation is required for this test.

DURING THE TEST
This procedure may be performed upright or lying down. The technologist will confirm your identity, review the physician’s order and explain the procedure. Part One – A clear mask covering the nose and mouth will be used to introduce the radioactive gas, this will allow the patient to inhale an odorless radioactive gas. A series of breathing instructions will be given during the exam that will last 5 to 8 minutes. Part Two – While the patient is lying down, an injection of a radioactive tracer will be administered into a vein, the patient may remain lying down or complete the exam in an upright position. A series of lung images will be acquired in various positions. The procedure lasts approximately one hour.

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 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 773-702-6161.