


EXAM: NUC. MED. LUNG SCAN V/Q (VENTILATION AND PERFUSION) Imaging Department 330-596-7700 Scheduling 330-596-7187	
INDICATIONS:	If the patient has specific questions the patient should contact their physician. This exam can be helpful in evaluating pulmonary embolism (PE), deep vein thrombosis (DVT) carcinoma, emphysema, chronic bronchitis and asthma.
CONTRA-INDICATIONS:	Patient who has recently (48hours) had a technetium based nuclear scan performed. The table weight limit is 400-500lbs.
HOW LONG WILL IT TAKE?	Please arrive 15 minutes prior to your scheduled appointment for registration and insurance purposes. The exam will take approximately 1 to 2 hours to complete.
PREPARATION:	Patient should have had a recent (within 24 hours) chest x-ray.
PRECAUTIONS:	If you think you may be pregnant or if you are breastfeeding, make sure the doctor is aware and risks are explained. Mothers that are breastfeeding should consider pumping enough to be used for two days.
MEDICATION ISSUES:	None
WHAT CAN BE EXPECTED:	<p>The patient will arrive at the hospital and enter at the main entrance.</p> <ul style="list-style-type: none"> - If the patient is not pre-registered, the patient will need to stop in the first office on the right, just pass the waterfalls, to complete the required paperwork. The patient should have a copy of the physician's orders. - If the patient is pre-registered, the patient will go pass the waterfall, down the hall, pass the second circle on the floor, to the imaging comfort area. The patient will report in to register and review insurance. The patient should have a copy of the physician's orders as a precaution. <p>The patient will be brought back to the department where we will confirm the patient's identity, explain the procedure, and review their history. The first part consists of breathing DTPA (radioisotope) through a tube for about 10 minutes. The patient will be placed on an imaging table and several images will be taken. The second part consists of an injection of MAA (radioisotope) followed by the same images as the DTPA. The study is completed after the images have been taken. At this time the patient will be allowed to leave. No precautions need to be taken other than limiting contact with children less than 3 years of age for the next 24 hours.</p> <p>NOTE. This material will be out of their systems within 48 hours. The material will not cause any side effects. A written report will be sent and usually takes 1-2 working days.</p>