


EXAM: NUC. MED. RENAL MAG3 WITH LASIX Imaging Department 330-596-7700 Scheduling 330-596-7187	
INDICATIONS:	If a patient has specific questions the patient should contact their physician. This exam can be useful in evaluation of renal artery stenosis, renal hypertension, renal tubular dysfunction, and kidney transplant.
CONTRA-INDICATIONS:	A barium study cannot be done prior to this exam. If one is done, then 72 hours needs to pass before scheduling this exam. Patient who has recently (48 hours) 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 2 hours to complete.
PREPARATION:	Patient must be well hydrated prior to the exam. This means that the patient should drink plenty of water, juice and/or sports drinks. If the patient takes Lasix or another diuretic the patient <i>may</i> be asked to discontinue it for a time prior to the exam.
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 doctor's order. - 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 doctor'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. An IV will be started. The patient will be placed on the imaging table with a gamma camera located underneath. An injection of MAG 3 (radioisotope) will be given through the IV. A series of images will be taken for about 1 hour. 15 minutes after the initial injection, an injection of Lasix (diuretic) will be given through the IV to further evaluate kidney function. At the completion of these images, the patient will be instructed to empty their bladder, and then a 3 minute image will be taken. The study is completed after all 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>