


EXAM: NUC. MED. MUGA (GATED FIRST PASS) Imaging Department 330-596-7700 Scheduling 330-596-7187	
INDICATIONS:	If the patient has specific questions the patient should contact their physician. This can help in the evaluation of left and sometimes right (for congestive heart failure) wall motion. Calculation of ejection fraction. Evaluation of patient's heart condition for pending surgery, chemotherapy, or radiation therapy. Assessment of arterial blood flow into the heart.
CONTRA-INDICATIONS:	Patient experiencing chest pain. Patient in an unstable medical condition. Patient with known severe arrhythmia. Patient known to be allergic to pyrophosphate or phosphates. 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:	None
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 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 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 and a small amount of blood will be drawn from the IV. For the next 30 minutes the blood will be mixed with Technetium (radioisotope). The patient will be placed on the imaging table where the blood will be re-injected through the IV. A series of images will be taken at this time. 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>