

EXAM: MUGA
 Imaging Department 330-596-7700
 Scheduling 330-596-7187



INDICATIONS:	If the patient has specific questions they 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.
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 (48hrs) had a technetium based nuclear scan performed.
HOW LONG WILL IT TAKE?	Please arrive 15 minutes prior to your scheduled appointment for registration and insurance purposes. The exam will take approximately 2hrs to complete.
PREPARATION:	No cardiac meds or caffeine 4 hours prior
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, they 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 doctors orders. - If the patient is pre-registered, they will go pass the waterfall, down the hall, pass the second tan circle on the floor, to the imaging comfort area. They will report in to register and review insurance. The patient should have a copy of the orders as a precaution. <p>The patient will be brought back to the department where the procedure will be explained, confirm the patient's identity 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 blood will be re-injected through the IV. The patient will be placed on the imaging table where a series of images will be taken. The study is completed after the images have been taken. At this time they will be allowed to leave. No precautions need to be taken other than limiting contact with children under 3yrs of age for the next 24 hours.</p> <p>NOTE. This material will be out of their systems within 24hrs. The material will not cause any side effects. The report will typically be available to the Doctor's office within 24hrs on the transcription line. A written report will be sent and usually takes 3 to 5 working days.</p>