

Rest MUGA Study

Your physician has requested that you have a MUGA (Multiple Gated Acquisition) heart examination. This is a safe, simple, non-invasive way to evaluate how well your heart muscle contracts and expands while you rest. There are no dietary restrictions either before or after this examination.

This test does require you to receive two injections or an IV placed (Blood will be withdrawn from a vein and later re-injected). You will receive a very small amount of the radioactive element called technetium when your blood is re-injected and you will feel no ill effects from it. The amount of radioactivity associated with this injection is negligible.

Requirements for the study:

1. Check in with our receptionist.
2. Blood will be withdrawn from a vein in your arm or an IV will be placed and blood withdrawn from it.
3. The technician will then take your blood to the nuclear pharmacy and tag your red blood cells with technetium. This takes 30 minutes.
4. Your tagged blood cells will then be re-injected into a vein or through the IV.
5. Next you will be hooked up to an EKG and pictures will be taken of your heart in different positions. This takes approximately 30-45 minutes.

YOUR APPOINTMENT IS ON _____ AT _____ HOURS

DACH NUCLEAR MEDICINE DEPARTMENT – (254) 288-8290/8291

***To avoid unnecessary radioactive material exposure to your children, please **DO NOT BRING THEM TO THE CLINIC** unless they have a scheduled appointment.**

