

Gated Wall Motion or Gated Blood Pool (MUGA Scan): Resting or Exercise

- This procedure shows how much blood your heart is pumping and how well the walls of your heart are contracting.
- You may be asked to fast (including liquids) for 3 to 4 hours prior to the procedure.
- We will take a small amount of blood from your vein (usually from your arm). We treat the blood with a small amount of a radioactive substance, and then reinject the blood back into your vein. This procedure is called "labeling" your red blood cells. In some cases, rather than preparing the blood outside the patient, it is labeled instead by injecting the patient two times, several minutes apart.
- Reactions or side effects caused from radioactive materials are uncommon; on rare occasions, mild effects may occur. Risks associated with these levels of radioactivity, if any, are believed to be quite small and almost always justified by the benefits gained with diagnosis of possible disease.
- After labeling your red blood cells, we will take pictures of your heart while you are connected to an electrocardiogram (EKG) machine. The doctor may request that the pictures be taken while you are exercising (on, for example, a stationary bike).
- The whole study takes about _____ minutes.