MUGA / Radionuclide Ventriculogram Study

You have been scheduled for a MUGA study to test how your heart is functioning.

First your blood will be drawn and the red blood cells will be labeled with a radioactive tracer. After the labeling process is completed your labeled blood is injected back into you. You will then lie on your back and a nuclear medicine camera will be positioned at the left side of your chest to take images of your heart.

You may also be asked to ride a special bicycle so that images can be taken of your heart function during exercise. The whole study takes about 60 to 90 minutes.

Before the bone scan, tell your ordering physician if:

- You are, or may be, pregnant.
- You are breast-feeding.
- You have severe claustrophobia.
- You have difficulty lying flat.

How to prepare:

- There is no special preparation for the MUGA, you may eat, drink and take your medications as usual.
- Please wear loose comfortable clothing and minimal jewelry for the study.

If you are unable to keep your appointment please call to cancel. Give at least 24 hours notice when possible.

For more information please do the following:

1) [http://members.kaiserpermanente.org/kpweb/healthency/entrypage.do](http://members.kaiserpermanente.org/kpweb/healthency/entrypage.do)
2) Type “cardiac blood pool scan” into the search agent.