



## RADIONUCLIDE ANGIOGRAPHY (RNA)

### What it is

Multiple gated acquisition (MUGA) scan is a nuclear scan which helps assess the heart size and function. It is also known as radionuclide angiography or blood-pool scan. It uses a radioactive tracer to label the red blood cell pool. A gamma-ray camera is then used to capture images of the blood circulating through the heart. The test involves a small amount of radiation exposure. The purpose of the test is to provide a measure of the heart's function to help clinical decision-making with respect to cardiac devices and chemotherapy. The test is very safe and used in many areas of clinical practice.

### Performance/Preparation

Your doctor may ask you to avoid caffeine or alcohol for several hours prior to the resting scan. Otherwise, no special preparation is required. You will receive an intravenous line for injection of the radioactive tracer.

### Duration

The test takes between 1-2 hours to perform.

### Medications

Please take all your medications as prescribed.

### Driving

There are no restrictions to driving following a MUGA scan.