



radiology SA

#### Your appointment

**Date:**

**Time:**

Patient Preparation:  
**Nil.**

Time for Examination:  
**1 hour.**

Please Bring:  
**All previous Imaging including  
Nuclear Medicine Scans, X-  
rays, US, CT and MRI studies.**

Location:

**Calvary Hospital  
X-Ray Department  
89 Strangways Tc  
North Adelaide SA 5006**

Parking:

Free on-street parking is available (1hour, 2 hour and all day). Please take note of parking time limits as this area is patrolled by council.

Radiology SA Nuclear Specialists:

Dr Rey Casse MBBS FRACP  
Dr Ghee Chew MBBS FRACP  
Dr Vivian Hall MBBS FRANZCR  
Dr Robert Cooper MBBS FRANZCR

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# NUCLEAR MEDICINE GATED BLOOD POOL STUDY

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Your doctor has recommended that you have a Nuclear Medicine Gated Blood Pool Scan. There is no specific preparation for the test but the following will give you some idea of what to expect at your appointment:

To assess your heart function it is first necessary to “label” your red blood cells. This sounds complicated but is a relatively simple procedure. Firstly you will be given a small injection of a medication that prepares your blood cells for the radioactive label. The injection is given into a vein (usually in your arm). There are no side effects to the injection and it will not interfere with any medications you may be taking. A second injection is given approximately 15 minutes after the first. This is the radioactive label. Again there are no side effects to this injection and again it will not interfere with any medications you may be taking. The amount of radioactivity used is very small and only lasts in your system a short time.

You will be asked to lie on a scanning bed and will be connected to a simple heart monitor. This is done just before the second injection so you will be ready for your scan as early as possible. Your scan will take between 5 and 20 minutes, depending upon how many pictures are needed. For the scan a camera will hover above you taking pictures. This is a harmless procedure and you may breathe normally during the scan.

This study is unsuitable for pregnant women. Breast-feeding mothers can have a Nuclear Medicine Gated Blood Pool Scan but avoiding feeding from the breast and prolonged close contact with your baby is suggested for 12 to 24 hours after the injection. Feeding your baby with expressed breast milk or formula is recommended during this time. Patients who will be the primary care-giver to children under five on the day of the test, are encouraged to maintain a certain distance (around 1 metre) from the children where possible. This is not essential but is recommended in the 12 hours following injection, to avoid very young children being exposed to small amounts of radioactivity unnecessarily.

**For more information please contact:  
08 8402 0270**