



radiology | SA

Your appointment

Date:

Time:

Patient Preparation:
Nil.

Time for Examination:

3-6 hours.

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

Radiology SA Nuclear Specialists:

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NUCLEAR MEDICINE CARDIAC INFARCT STUDY (HOT SPOT SCAN)

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

You will initially be given a small injection into a vein (usually in your arm). This injection contains a small amount of radioactivity and will enable a gamma camera to detect any within your heart. There are no side effects to the injection and it will not interfere with any medications you may be taking.

You will be given a time to return in the afternoon for your scan. This can be anywhere between 2 and 5 hours after your injection. In between your injection and your scan you do not have to remain in the department and you will be able to eat and drink normally.

Scanning involves lying on a bed while a camera is positioned adjacent to your heart taking pictures. Pictures will be taken from 3 different angles, and is sometimes followed by rotating the camera around your chest, to assess all the walls of your heart. This is a painless procedure. Please allow around 45 minutes for your scan.

This study is unsuitable for pregnant women. Breast-feeding mothers can have a Nuclear Medicine Hot Spot 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**