



radiology SA

NUCLEAR MEDICINE SHUNT FUNCTION STUDY

Your appointment

Date:

Time:

Patient Preparation:
Nil.

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

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Your doctor has recommended that you have a Nuclear Medicine Shunt Function Study to assess the viability of your shunt. While there is no specific preparation for this study, the following will give you some idea of what to expect at your appointment.

To begin the study a doctor will need to inject a tiny amount of a radioactive medication into your shunt chamber. To avoid infection of the infection a small amount of hair may need to be cut away to access the area for injection. This area will then be sterilised with a cleaning solution. There are no side effects to the injection and it will not interfere with any medications that you may be taking. The injection itself will sting momentarily but is not unduly painful.

Imaging will commence immediately following injection. In most cases you will be lying on a bed with a camera positioned above you. A 1 minute picture is taken over your head area. This picture is repeated regularly until movement of the radiotracer is detected down the tubing of your shunt. A technologist will continue to take pictures down the length of your shunt tubing until it is clear the radiotracer has reached its destination (which varies depending on the shunt type) or a blockage is identified. Imaging is a painless procedure and you are not required to hold your breath for the pictures. Please allow around 1 hour for your pictures.

This study is unsuitable for pregnant women. Breast-feeding mothers can have a Nuclear Shunt Function Study but will be required to express and discard their breast milk for 6 hours after the injection.

RadiologySA Nuclear Specialists:

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