



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 (1hour, 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 LABELLED RED CELL LIVER SCAN (HAEMANGIOMA STUDY)

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Your doctor has recommended that you have a Nuclear Medicine Labelled Red Cell Scan, also called a Haemangioma Study. 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 technologist will need to label your red blood cells. Although this sounds complicated, it is actually a relatively simple procedure. To begin you will be given a small injection into a vein (usually in your arm) that prepares your blood cells for the radioactive label. There are no side effects to this injection and it will not interfere with any medications you may be taking. After approximately 15 minutes, a small sample of your blood will be taken. This sample is taken back to the lab where a small amount of radioactivity is added to it. After a further 15 minutes you will be positioned under a camera and reinjecting with your labelled blood. Again, there are no side effects to the radioactive label and it will not interfere with any medications you may be taking.

Imaging will commence immediately following re-injection. The initial pictures take approximately 15 minutes. Imaging is a painless procedure and simply involves lying on a scanning bed with a camera positioned around your abdomen.

You will be given a time to return for delayed imaging. This can be anywhere from 2-4 hours after your initial appointment. At this appointment your pictures from the morning will be repeated. Additional 3-D images of your liver and spleen will also be taken. Please allow 1 hour for this appointment.

This study is unsuitable for pregnant women. Breast-feeding mothers can have a Nuclear Medicine Haemangioma Study but will be required to express and discard their breast milk for 12 hours after the injection. Patients who will be the primary caregiver 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**