



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

**Calvary Central Districts Hospital  
X-Ray Department  
25-37 Jarvis Road,  
Elizabeth Vale SA 5112**

**Parking:**

**Calvary North Adelaide Hospital:**  
Free on-street parking is available (1hour,  
2 hour and all day). Please take note of  
parking time limits as this area is pa-  
rtrolled by council.

**Calvary Central Districts Hospital:**  
Ample free parking on site.

**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 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. Feeding your baby with expressed breast milk or formula is recommended during this time. Prolonged close contact with babies and young children for 2 hours after the test is also recommended.

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