



radiology SA

### Your Appointment

Date:

Time:

Patient Preparation:

Nil.

Time for Examination:

**Please allow a full day.**

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  
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# NUCLEAR MEDICINE LABELLED WHITE CELL SCAN

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Your doctor has recommended that you have a Nuclear Medicine Labelled White Cell (LWC) Scan. While there is no specific preparation for this study, the following will give you some idea of what to expect on the day of your test:

Please be aware that you will need to allow a full day for a LWC Scan. You will not be required to remain in the department the entire day but you will be required to attend 4 appointment times during the day.

At your initial morning appointment a small sample of your blood will be taken. You will not be required again until approximately 3 hours later. The exact time will be confirmed with you on the day. During this time lab staff will work to label your white blood cells with a small amount of radioactivity. This is actually a relatively simple procedure but it is time consuming. You are not required to stay in the department during this break and many people choose to leave.

At the 2<sup>nd</sup> appointment of the day you will be reinjecting with your blood that has now been labelled with a small amount of radioactivity. There are no side effects to the radioactivity and it will not interfere with any medications you may be taking. This appointment takes only 5 minutes. You will be asked to return again in approximately one hour.

At 3<sup>rd</sup> appointment for the day you will have your first set of images. Imaging is a painless procedure and involves lying on a bed with a camera positioned above you. Please allow around 30 minutes for this appointment. You will be asked to return again in approximately two hours.

At 4<sup>th</sup> appointment you will have further imaging. Please allow at least an hour for this appointment.

A very small number of patients will also be required to collect their faeces for 48 hours to improve the accuracy of the test. This will be discussed with you if required.

This study is unsuitable for pregnant women. Breast-feeding mothers can have a Nuclear Medicine LWC Scan but will be required to express and discard their breast milk for 24 hours after the injection. 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**