



radiology | SA

# NUCLEAR MEDICINE RENAL SCANS WITH LASIX

## Your appointment

Date:

Time:

Patient Preparation:

- **Drink one litre of fluid in the hour prior to your appointment.**
- **Check all medications at the time of booking**

Time for Examination:

**1 hour**

Please Bring:

- **All previous Imaging including Nuclear Medicine Scans, X-rays, US, CT and MRI studies.**
- **Bring in your list medications**

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  
Dr Vivian Hall MBBS FRANZCR  
Dr Robert Cooper MBBS FRANZCR

Phone: 08 8402 0270

Fax: 08 8402 0269

E-mail: vicky.sigalas@radiologysa.com.au

radiology | SA

Your doctor has recommended that you have a Nuclear Medicine Renal Scan. While individual renal scans may differ subtly depending on your specific situation, below is some general information to help you prepare for your examination.

Preparation: For all renal scans it is important that you are well hydrated before the study. This means you will need to drink at least one litre of fluid in the hour before your appointment. Unlike some tests where you need to keep your bladder full, for a Nuclear Medicine Renal Scan you can go to the toilet as often as needed without interfering with your preparation. Eating is also permitted. Some medications that you may be taking can interfere with the accuracy of your study and will need to be withheld before having a renal scan. For this reason you should have a full list of your medications with you when you make your booking.

A Renal Scan begins with a small injection of a radioactive medication into a vein (usually into your arm). Unlike other “dyes” used in x-ray departments to image kidneys, there are no side effects to this injection. A camera under the bed will be used to scan your kidneys while the injection is given and for the following 30 minutes. Additional images will then be taken of your bladder and your kidneys from the side.

Depending on what information your doctor has requested from the study, you may subsequently be given an injection of a medication called frusemide (lasix®) that temporarily makes your kidneys produce more urine. An additional 15 minutes of imaging will then be performed. Sometimes the frusemide is given 20 minutes prior to the injection of the radioactive medication.

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