



radiology SA

NUCLEAR MEDICINE CAPTOPRIL RENAL SCANS

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:

2 hour

Please Bring:

• **All previous Imaging including Nuclear Medicine Scans, X-rays, US, CT and MRI studies.**

• **A list of all of your 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 Captopril Renal Scan. This is often done for the investigation of hypertension (high blood pressure).

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 (especially blood pressure tablets) can interfere with the accuracy of your study and may 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.

At the start of your scan, you will be given a blood pressure lowering tablet called captopril. You will be asked to lie down for an hour and your blood pressure will be monitored. Patients are welcome to bring a book to read during this stage. Subsequently 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. This is a harmless procedure. Additional images will then be taken of your bladder and your kidneys from the side.

Depending on the scan findings, and in consultation with your doctor, the nuclear scan described above may need to be repeated. The repeat scan is performed without the addition of the captopril tablet prior to scanning. The findings of the 2 scans are used to provide complementary information to determine if your kidneys are the cause of your high blood pressure. Please be aware that sometimes the scan without the captopril tablet is performed first.

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