



Nuclear Medicine Location Guide



Nuclear Medicine

Cancellation

Every patient has an individual radio-isotope dose ordered and prepared. This is an extremely high cost item.

We do need early advice of any cancellation to stop the preparation of the radio-isotope dose, otherwise this cost may be passed on to the patient.

The Perth Radiological Clinic Difference

- 16 convenient locations.
- Caring, helpful and professional staff.
- State-of-the-art diagnostic equipment.
- Over 40 specialist radiologists, trained to provide you with accurate and reliable results.
- World class digital imaging networking between clinics provides the benefit of second opinions from specialist radiologists, no matter which of our clinics you attend.

JOONDALUP HEALTH CAMPUS

Nuclear Medicine

Shenton Ave
Ph: 9400 0511 (Appointments)
Fx: 9400 9833
Mon-Fri 8.30am - 5.00pm

BENTLEY HOSPITAL

Bentley Health Service (B Block)
Mills Street, Bentley
Ph: 9458 1373 Fax: 9350 5644
Mon-Fri 8.30am - 5.00pm

· Digital X-Ray · Ultrasound · Doppler
· FNA · Interventional Radiology
· Bone Densitometry · Dentascan
· Mammogram · Nuclear Medicine
· CT · OPG · Lat Ceph

MIDLAND

Victoria Street Radiology
21-23 Victoria St
Ph: 9250 2829 Fax: 9250 2254
Mon-Fri 8.30am - 5.00pm

· Digital X-Ray · Ultrasound · Doppler
· FNA · Bone Densitometry
· Dentascan · Mammogram
· Nuclear Medicine
· CT · OPG · Lat Ceph

ROCKINGHAM

215 Willmott Dve
Waikiki
Ph: 9592 1222 Fax: 9592 9893
Mon-Fri 8.30am - 5.00pm

· Digital X-Ray · Ultrasound · Doppler
· FNA · Bone Densitometry
· Mammogram · Nuclear Medicine
· CT · OPG · Lat Ceph

SUBIACO

Magnetic Resonance Centre
127 Hamersley Rd
Ph: 9380 4888 Fax: 9380 4188
Mon-Fri 8.30am - 5.00pm

· Digital X-Ray · Ultrasound · Doppler
· FNA · Dentascan · Nuclear Medicine
· MRI · Shock Wave Therapy · CT
· OPG · Lat Ceph



A Guide for Patients

An appointment has been made for you

At:

Time:

Date:

If you cannot keep your appointment please let us know well in advance.

What is Nuclear Medicine

Nuclear Medicine is an area of medicine that uses very small amounts of radio-active materials or radiopharmaceuticals, to diagnose and sometimes treat disease. Radiopharmaceuticals are substances that are attracted to specific parts of the body. These substances emit gamma radiation that is detected by a gamma camera.

Why Nuclear Medicine?

This specialty is unique in the fact that it records information regarding organ function and structure, as opposed to x-ray, based on anatomy. Nuclear Medicine is usually able to detect conditions earlier than other tests due to its functional basis, therefore permitting earlier treatment. Nuclear Medicine offers procedures on all major organs. For example: bones, lungs, kidneys, heart and brain.

Is it dangerous?

No. The amount of radio-activity given in these procedures is very small, usually comparable to x-ray procedures. Young children and babies are safely tested on a regular basis at our clinics.

✓ Exam Name
<input type="checkbox"/> Bone scan <u>No preparation is needed.</u> The test is performed in two parts. The first part will take approximately 20 minutes: the Nuclear Medicine Specialist will speak with you, you will be given an injection and some images may be taken. The second part of this test is usually performed 2-5 hours later and will take up to 1 ¼ hours.

✓ Exam Name
<input type="checkbox"/> Lung scan <u>No preparation is needed.</u> The lung scan is divided into two parts. The ventilation study assesses the air flow into the lungs. The perfusion study assesses the circulation to the lungs. The whole test will take 1 ½ hours.
<input type="checkbox"/> Thyroid scan <u>No preparation is needed, however:-</u> <ol style="list-style-type: none"> You must not have taken thyroxine tablets, kelp, or iodine (e.g. in multivitamin and mineral preparations), in the last 6 weeks. You must not have had an x-ray test involving injections of dye (contrast media) in the last 6 weeks. The test will take approximately 1 hour.
<input type="checkbox"/> Heart studies <ol style="list-style-type: none"> Do not eat, drink or smoke 4 hours before the test. No tea, coffee, chocolate, cocoa, cola or other caffeine products 24 hours before. Take your medication as usual on the morning of the test unless instructed not to do so by your doctor. If you are scheduled for an exercise heart test, wear appropriate clothing for walking or running. Leave your jewellery at home. If you suffer from diabetes, please bring your blood glucose meter. These tests aim to assess the blood supply to the heart. The <u>exercise heart stress test</u> is performed on a treadmill or stationary bicycle. An injection of a drug is used to exercise the heart for the <u>dipyridamole heart stress test</u> .

✓ Exam Name
<input type="checkbox"/> Kidney scans <u>No preparation is needed.</u> There are several different types of tests for the kidney which will take approximately 1-2 hours. If you are booked for a <u>Renal Captopril</u> scan, you have to fast for 4 hours. A DMSA test will require 2 visits on the same day.
<input type="checkbox"/> Gallium The gallium is injected into a vein on the back of the hand or inside elbow. You will be given a time to return in 1-3 days. The gallium scan will take between 1 and 2 hours.

Is there any Preparation?

If you suspect that you may be PREGNANT, or if you are BREAST FEEDING, it is VERY IMPORTANT that you inform the doctor before you receive the injection. In most cases, the injections will have NO SIDE EFFECTS.

Are there any precautions?

Either you or your doctor must advise us if there is ANY possibility that you could be pregnant.

We should also be informed if you are breastfeeding.

If you are caring for small children on the day of your test, you should take care to avoid close contact for prolonged periods of time. For example, do not sit them on your lap for longer than half an hour at a time. This is merely a precaution and it is okay to be around children.

If you have any questions please don't hesitate to ask us!