



Ultrasound

Ultrasound Guided Injection

Sometimes your referring doctor may request you to have a pain relieving injection into a specific area. A radiologist will perform this procedure and the ultrasound probe is used to assist to guide the injection to the correct place. No specific preparation is required for this procedure.

How long will the procedure take?

Most ultrasound appointments are for up to 30 minutes, although some complex studies may require longer. Sometimes the radiologist may come to speak with you and view the screen. This is quite routine and should not cause alarm. Films are produced from the scan images and are interpreted by the radiologist. The results will then be forwarded to your doctor.

Please note: Due to the high demand for these tests, a fee may be charged for appointments that are cancelled within 24 hours prior to the booking.

Please bring any previous ultrasounds with you on the day of your examination.

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

The Perth Radiological Clinic Difference

- 15 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 reports
- World class digital image networking between clinics provides the benefit of second opinions from specialist radiologists no matter which of our clinics you attend.

ARMADALE HOSPITAL

The Medical Centre Building
 3056 Albany Hwy
 Ph: 9391 2010
 Fx: 9391 2019
 Mon - Fri 8:30 - 5:00

- Digital X-Ray
- Ultrasound
- Multislice CT
- Doppler · FNA
- Interventional Radiology
- OPG
- Lat Ceph

Service available to Emergency Department patients after hours

BELDON

Cnr Ocean Reef Rd & Eddystone Ave
 Ph: 9307 8088
 Fx: 9307 8115
 Mon - Fri 9:00 - 5:00

- Digital X-Ray
- OPG
- Lat Ceph

BENTLEY HOSPITAL

Bentley Health Service (B Block)
 Mills Street, Bentley
 Ph: 9458 1373
 Fx: 9350 5644
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

BETHESDA HOSPITAL

25 Queenslea Drive Claremont
 Ph: 9286 0400
 Fx: 9286 0430
 Mon - Fri 8:30 - 5:00

- Digital X-Ray · Ultrasound
- Multislice CT
- Doppler
- Bone Densitometry
- Mammogram
- OPG · Lat Ceph

BOORAGOON

260 Leach Highway (Cnr Norma Rd)
 Ph: 9317 8488
 Fx: 9317 8368
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

INNALOO

8 Odin Rd Innaloo
 Ph: 9445 9888
 Fx: 9445 9808
 Mon - Fri 8:30 - 5:00

- Digital X-Ray · Ultrasound
- Multislice CT · Doppler
- FNA · Mammogram
- OPG · Dentascan
- Lat Ceph

JOONDALUP

Joondalup Radiology
 Reid Promenade
 Ph: 9400 0600
 Fx: 9300 2856
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

JOONDALUP HEALTH CAMPUS

Shenton Ave
 Ph: 9400 0500 (Appointments)
 Fx: 9400 9033
 Mon - Fri 8:30 - 5:00

- Digital X-Ray
- Ultrasound
- Multislice CT · Doppler
- Interventional Radiology
- Mammogram · MRI
- OPG
- Lat Ceph

Service available to Emergency Department patients after hours

Nuclear Medicine
 Joondalup Health Campus

Shenton Ave
 Ph: 9400 0511 (Appointments)
 Fx: 9400 9833
 Mon - Fri 8:30 - 5:00



Location Guide

MIDLAND

Victoria Street Radiology
 21-23 Victoria St
 Ph: 9250 2829
 Fx: 9250 2254
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

NOLLAMARA

217 Wanneroo Rd (Cnr Morley Dve)
 Ph: 9344 1632
 9349 9139
 Fx: 9440 4420
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

PARMELIA

Cnr Sutherland Pde & Parmelia Ave
 Ph: 9419 6566
 Fx: 9419 7861
 Mon - Fri 9:30 - 5:00

- X-Ray
- OPG
- Lat Ceph

ROCKINGHAM

215 Willmott Dve Waikiki
 Ph: 9592 1222
 Fx: 9592 9893
 Mon - Fri 8:30 - 5:00
 Sat 8:30 - 12:00

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

SOUTH PERTH

South Perth Hospital
 1 Burch Street
 Ph: 9474 7600
 Fx: 9474 7630
 Mon - Fri 8:30 - 5:00

- Digital X-Ray
- Ultrasound
- Multislice CT
- Doppler
- Mammogram
- OPG

SUBIACO

Magnetic Resonance Centre
 127 Hamersley Rd
 Ph: 9380 4888
 Fx: 9380 4188
 Mon - Fri 8:30 - 5:00

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

THE MOUNT HOSPITAL

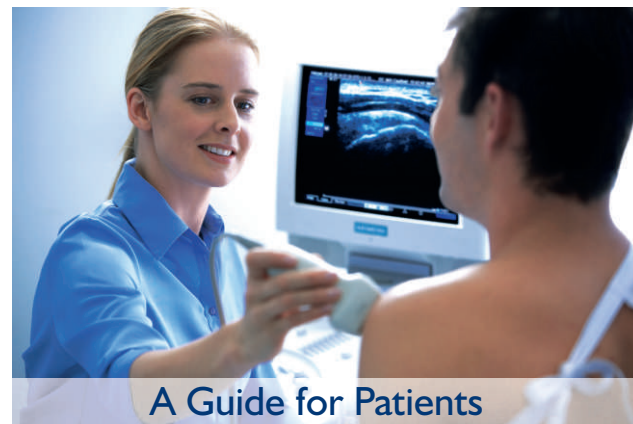
Mount Medical Centre Level 2
 140 Mounts Bay Rd Perth
 Ph: 9424 4600
 Fx: 9424 4630
 Mon - Fri 8:00 - 5:30
 Sat 9:00 - 12:00

- Digital X-Ray
- Ultrasound
- Multislice CT
- Doppler
- FNA
- Interventional Radiology
- Mammogram
- MRI



Ultrasound

General, Musculoskeletal and Vascular



A Guide for Patients

An appointment has been made for you

At:

Time:

Date:

Please bring all your previous medical imaging studies with you. If you cannot keep your appointment please let us know well in advance.



Ultrasound

General, Musculoskeletal
and Vascular



What is an ultrasound examination?

Ultrasound is a widely used technique which produces detailed images of the body. Ultrasound uses high frequency sound waves (much higher than human ears can hear) which are produced by the ultrasound probe (transducer). The reflected sound waves are detected by the probe and used to create an image which is displayed on the television screen of the ultrasound machine. There are no known harmful effects. It can be used to gain information about a variety of conditions, including pregnancy, gallstones and varicose veins. An ultrasound which shows blood flow may also be called Colour Flow Doppler or Duplex Scan.

What is ultrasound used for?

Ultrasound can be used to capture images of the pelvis and abdomen, the musculoskeletal system, breast abnormalities, the male reproduction system, the kidney, the thyroid, the gall bladder and pancreas, fetal development and many other indications.

Who will perform the scan?

Your examination (scan) will be performed by a Radiologist or by a Sonographer, who is a specially trained technologist. The ultrasound is performed to obtain information that will assist your doctor in managing your health. The Sonographer/Radiologist requires a high level of concentration to ensure an accurate assessment is achieved. For this reason, under most circumstances, family and friends of the patient are not permitted to watch non-obstetric ultrasound scans. You will need to either leave children in the care of a babysitter or bring a babysitter to supervise them in the waiting room, as children must not be left unsupervised in the waiting room.

Booking your appointment

Please advise our booking staff when making your appointment if you have diabetes and are on Insulin, or suffer epilepsy, to ensure the correct timing for your scan.

✓ Preparation Instructions
<input type="checkbox"/> Abdomen and Renal Ultrasound Please eat a Fat Free meal 8 hours before your examination and then nothing more until after your examination. Drink clear fluids (black tea, black coffee, water and cordial) as normal during the 8 hours prior to examination. Continue to take medication. No Smoking or chewing gum during the fasting period. For this examination you must have a full bladder. You are required to gradually drink 1000mls (1 litre) of water starting 1 ½ hours before your appointment time, and finishing 1 hour before your appointment time. For you appointment time, please start drinking at: _____ am/pm please finish drinking at: _____ am/pm Do not empty bladder <u>No preparation is required for the exams listed below:</u>
<input type="checkbox"/> Abdominal aorta <input type="checkbox"/> Breast <input type="checkbox"/> Thyroid <input type="checkbox"/> Musculoskeletal <input type="checkbox"/> Scrotal <input type="checkbox"/> Doppler (e.g. Upper or lower limbs, carotid) <input type="checkbox"/> Infant Hips (Bring bottle for baby.)

It is very important that these instructions are followed carefully and fully, as failure to do so may result in a cancellation and rebooking of the appointment.

Procedure

You may be asked to change into a gown and to lie on a table, you will be covered during your examination except for the area required to be examined. A layer of warmed gel will be spread over the area to be examined to facilitate good contact as this helps to produce the best possible images. The ultrasound transducer is then placed over the area to be investigated. Ultrasound examinations are not painful and are generally not invasive. However, some examinations may be uncomfortable depending on the type of procedure required and the preparation for this e.g. a full bladder, may be uncomfortable.

Scans of the shoulder or other joints may require your cooperation in performing special movements while scanning is performed. Colour Doppler ultrasound uses a special technology to look at blood flowing in arteries and veins. This is most commonly used to study the carotid arteries in the neck (supplying the brain) and veins in the legs. During these studies you will often hear strange noises, as signals from flowing blood are transformed into sound. We may need to gently squeeze the calf a few times when examining the leg veins.

Ultrasound Biopsies

On occasion, a biopsy, or sample of tissue, may be required by your doctor to diagnose a medical problem. If you are required to have a liver or breast biopsy, the test may need to be performed at a specific Perth Radiological Clinic. Whilst many biopsies have no specific requirements, biopsies of kidney and liver require special preparation (you will be advised by our booking staff when you make your appointment).

The specimen will then be sent to a pathology laboratory for processing and the results will be forwarded to your doctor.