



The Perth Radiological Clinic Difference

- > 19 Convenient locations
- > Caring, helpful and professional staff
- > State of the art diagnostic equipment
- > Over 60 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.

For more information about any of our products or services, please visit our website:

www.perthradclinic.com.au

An appointment has been made for you

Location _____

Time _____

Date _____

Ultrasound Location Guide

Armadale

3056 Albany Hwy
Ph: 9391 2010
Fax: 9391 2019
Mon - Fri 8:00 - 5:00

Bentley Hospital

Mills Street
Ph: 9458 1373
Fax: 9350 5644
Mon - Fri 8:30 - 5:00
Sat 8:30 - 12:00

Bethesda Hospital

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

Booragoon

260 Leach Highway
Ph: 9317 8488
Fax: 9317 8368
Mon - Fri 8:30 - 5:00
Sat 8:30 - 12:00

Innaloo

8 Odin Road
Ph: 9445 9888
Fax: 9445 9808
Mon - Fri 8:30 - 5:00

Joondalup

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

Joondalup

Shenton Ave
Ph: 9400 0500
Fax: 9400 9033
Mon - Fri 8:30 - 5:00

Kalamunda

Elizabeth Street
Ph: 6293 1799
Fax: 6293 1781
Mon - Fri 8:30 - 5:00

Midland

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

Nollamara

217 Wanneroo Road
Ph: 9344 1632
Fax: 9440 4420
Mon - Fri 8:30 - 5:00
Sat 8:30 - 12:00

Rockingham

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

South Perth

1 Burch Street
9474 7600
Fax: 9474 7630
Mon - Fri 8:30 - 5:00

Subiaco

127 Hamersley Rd
Ph: 9380 4888
Fax: 9380 4188
Mon - Fri 8:30 - 5:00

Mount Hospital

L2 140 Mounts Bay Rd
Ph: 9424 4600
Fax: 9424 4630
Mon - Fri 8:00 - 5:30
Sat 9:00 - 12:00



A GUIDE FOR PATIENTS

ULTRASOUND General, Musculoskeletal and Vascular

For information regarding your appointment,
please see the back of this leaflet.



Leaders In Medical Imaging

Please visit: www.perthradclinic.com.au



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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. 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 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.

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.

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: 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.

Preparation Instructions for Abdomen and Renal Ultrasound (including Abdominal Doppler)

- > Please DO NOT eat for 8 hours before your ultrasound.
- > You may drink clear fluids (black tea, black coffee, water and cordial) during the 8 hours before your ultrasound.
- > Continue to take your usual medications.
- > No smoking or chewing gum during the fasting period.
- > For your ultrasound you must have a full bladder.
- > Please drink 750ml of water
- > Please start drinking at: _____ am/pm
- > Please finish drinking at: _____ am/pm
- > DO NOT empty your bladder from _____ am/pm

No preparation is required for the following exams

- > Abdominal - *Aorta*, Breast, Thyroid, Musculoskeletal, Scrotal, Doppler (e.g. *Peripheral - upper or lower limbs, Carotid -neck only*) and 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.



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.

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.

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

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!