

Your appointment:

Date:

Time:

Location:

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Please see our website or the back of this form for more branch details

Duration of Examination:

CT examination times are normally between 5 and 20 minutes. This varies according to the type and reason for your examination.

Please bring with you:

- Your request form
- All previous relevant imaging
- Medicare and any Healthcare cards

Payment on the day of the examination is requested.

For more information on this procedure please call one of our branches.

For more information regarding Benson Radiology please visit:
www.bensonradiology.com.au

CT Scan

Patient Information Sheet No CT 1.

What is a CT Scan?

Computed tomography (CT) uses x-rays in a similar way to that of a normal x-ray. With the use of sophisticated computer software, detailed cross-sectional images of any part of your body can be produced. "Tomography" refers to the technique for making detailed cross sectional images. Most CT examinations are simple, fast and painless procedures.

What preparation is required?

This will be advised at the time of booking. Generally the following preparations apply:

Head, Neck and Chest Scans:

Nothing to eat for two hours prior to your examination. You may drink a small amount of water.

Abdomen and Pelvis Scans:

Nothing to eat for two hours prior to your appointment time. You may drink a small amount of water.

On arrival you may be given a dilute barium drink which is used to identify your bowel on the images. You will normally be asked to drink the barium solution over a 45-60 minute period before you are taken into the examination room. Your appointment time is booked taking this into consideration.

Renal Scans:

It is desirable to have a full bladder for this scan. Please do not empty your bladder within the one hour prior to your appointment.

Diabetic patients should discuss their medications when making their appointment.

What will happen during the examination?

You may be asked to change into a gown and/or remove jewellery.

You will lie on a table which is slowly moved into the open area of the doughnut shaped CT unit. This is not as enclosed as an MRI unit and the vast majority of patients don't have problems with claustrophobia. Housed within the CT is an x-ray tube which rotates around the patient. Detectors capture the x-rays passing through the examined area for the computer to interpret into images.

You may be asked to hold your breath for a few seconds during the scan. The scans are so quick that large areas of the body can be imaged in a single breath hold.

Some CT examinations require an injection of iodinated contrast medium into an arm vein, to allow imaging of the blood vessels and vascular tissues. If required this will be discussed prior to the injection and you will be asked to complete a questionnaire and give your consent. If an injection is given you will be monitored for 15 minutes after the injection. **Please inform us if you are taking any diabetic medication, have kidney disease or have had a previous reaction to x-ray contrast.**

Are there any risks?

You will receive a small dose of x-ray radiation. The benefits of detecting disease are believed to outweigh any potential risks from receiving such a small dose. **Please, however, advise the radiographer if you are, or think you may be, pregnant.**

After the examination

The scan processing and reporting by a radiologist (specialist medical imaging specialist) may take up to two hours or more from the end of the examination. We can generally deliver the films and report to your doctor by the next working day. Alternatively you doctor may request that you return later to collect the imaging and report.

It is important that you understand why and how we will be assisting you. If you have any questions, please call one of our branches or speak to our staff on the day of your visit.