

# Computerised Tomography [CT]

The Multislice CT machines provide the fastest, highest resolution CT scanning available today. This enables faster, more detailed scanning of larger areas, resulting in more accurate diagnosis, reduced waiting time and faster reporting.

## The Procedure

CT Scanning is similar to a normal x-ray and is a simple and painless procedure.

The CT Scanner allows us to look at any part of your body in cross-section which is rather like looking at slices of a loaf of bread, one at a time.

This way we can build up a picture of the whole area, bit by bit, and also examine parts of the body which are difficult to see by other methods.

## Preparations

You may need to fast for some hours before certain types of scans.

When the abdomen or pelvis are examined you will be given a special drink. This will help to outline the bowel, making interpretation easier and more accurate. Some people find that these drinks give rise to loose bowel motions and this should be remembered if you have to travel any distance or if you have difficulty with bowel control.

For many examinations the Radiologist will give you an injection of contrast medium to make the picture clearer or to give extra diagnostic information.

**Some people have an allergy to contrast medium so if you have had a reaction before, please let us know in advance.**

**Please advise if you are diabetic and currently taking Metformin.**

Please let staff know if you are breast-feeding or you could be pregnant.

## During the test

You will be asked to lie on a table which is moved into the centre of a machine that looks rather like a doughnut.

The scanner makes a slight buzzing noise as it rotates inside the machine.

The CT scan examination usually takes 20 to 40 minutes to complete. The data obtained is processed by the computer and images of each slice are reconstructed.

A CT scan can produce up to 500 slices, which are then interpreted by a specialist.

“... Multislice CT machines provide the fastest, highest resolution CT scanning available today.”

To ensure that we are providing you with the best service, at any stage of the examination if you have any questions or concerns, please ask our staff.

We also welcome any feedback.



## Appointment

Please phone or SMS our friendly booking service on **1300 788 508** or request an appointment online [www.canberraimaging.com.au](http://www.canberraimaging.com.au)

## What to bring

Please bring the following items with you to your appointment:

- Your referral
- Any relevant films
- Medicare card
- Pension / Health Care card

## Your results

Your doctor will receive fast and convenient electronic access to your reports and images. Canberra Imaging Group strongly advise that you return to your referring doctor in order for your doctor to discuss your results with you.