

Virtual Colonography

Virtual Colonography is a technique which creates a 3D model of the colon using a spiral CT (Computed Tomography) scanner. Using sophisticated computer graphics, the model is stored on a computer disc and the colon is examined throughout its length without having to use an endoscopic instrument.

Preparation

As with any examination of the colon, a clean, well-prepared bowel is important for accuracy and this is no different with virtual colonoscopy. For this reason, a full preparation is required.

Separate instructions will be issued when you make your appointment.

Procedure

No anaesthetic is required and this is an out-patient procedure.

An injection of a muscle relaxant is made into an upper arm vein in order to relax the bowel for the duration of the examination. A small tube is inserted into the rectum. The colon is then distended with gas and two series of images are obtained.

The data from these images is transferred to the computer disc for computer processing at a later stage. As much air as possible is evacuated from the colon and you will then be able to leave. There are no special precautions.

The information will be constructed and a report issued the following day for your doctor to review.

Please contact your referring doctor to discuss the results.

How long will the procedure take?

The procedure normally takes approximately 30 minutes.

Following the procedure

There is an increased amount of gas within the colon which, after the relaxing agent ceases to have effect, will be expelled in a normal way.

PLEASE BRING ANY PREVIOUS X-RAYS OR SCANS WITH YOU ON THE DAY OF YOUR EXAMINATION.

CONFIRM ANY PREPARATION REQUIRED WITH STAFF WHEN MAKING YOUR APPOINTMENT.

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Your doctor may request to go filmless

With the growing use of digital imaging, Ultrascan Radiology is giving doctors the opportunity to not receive hard copy films and to replace them with electronic reports and images – in other words, go “filmless”.

If your referring doctor elects to go “filmless,” once you have completed your medical imaging examination, you will no longer have to wait for x-ray films. The images will be sent electronically to your doctor’s computer together with a report from our Radiologist.

If you require films in the future, all films are stored digitally and can be requested at anytime with 24 hour notice.

VIRTUAL COLONOGRAPHY IS PERFORMED AT OUR CAMPBELLTOWN (PARK CENTRAL) & WESTMEAD CLINICS

Ultrascan Radiology clinics

Auburn

Suite 2, 49 Norval Street. Auburn 2144
Ph: 9649 3644 | Fax: 9749 1586

Castle Hill

Lawton House, 3/60 Cecil Avenue, Castle Hill 2154
Ph: 9634 1811 | Fax: 9634 5394

Campbelltown, Park Central

Campbelltown Private Hospital, Ground Floor,
Cnr Hyde Parade and Parkside Crescent, Campbelltown 2560
Ph: 4626 1940 | Fax: 4626 3694

Campbelltown, Queen Street

Suite 19-21, 82 Queen Street, Campbelltown 2560
Ph: 4625 2815 | Fax: 4620 5842

Liverpool

Suite 2, 17 Moore Street, Liverpool 2170
Ph: 9602 8177 | Fax: 9602 6806

Westmead

Specialist Centre, 151 - 155 Hawkesbury Road, Westmead 2145
Ph: 9635 3900 | Fax: 9893 9010

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