

## What to bring to your appointment

- OHIP card
- Prior mammograms (if possible) for the radiologist to view at your current exam
- Translator if needed

## Location

Diagnostic Services is located on the second floor of Building B.

## Where to park

Parking is available in Visitor's Parking Lot 1 – Main Entrance/Link Lobby. Located on Church Street between Ninth Line and Bur Oak and can be accessed by the entrance off of Butternut Lane.

## Where to go on the day of your appointment

Before proceeding to your appointment, you must **register with Main Entrance Registration** located in the Main Lobby (2nd Floor, Building A) **15 minutes before** your scheduled appointment.

Appointment Date: \_\_\_\_\_

Appointment Time: \_\_\_\_\_

To reschedule or cancel your appointment, call Patient Scheduling at 905-472-7020.

If you are feeling unwell, have a high temperature, cough or sore throat on or before the day of your appointment, please reschedule your appointment.

BROCTS (11/16)



## MARKHAM STOUFFVILLE HOSPITAL

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## CT Scan



## Patient Information



MARKHAM STOUFFVILLE HOSPITAL  
A PROUD HERITAGE – AN EXTRAORDINARY FUTURE

### What is a CT Scan?

A Computed Tomography (CT) scan combines X-rays and sophisticated computers to generate detailed anatomical images.

A CT scan gives physicians a non-invasive way to see inside your body. The scan can rapidly acquire two-dimensional pictures of your anatomy. These 2-D images can be presented as 3-D images for in-depth clinical evaluation.

A CT scan is a safe and effective diagnostic procedure. The CT equipment used at both sites of Markham Stouffville Hospital is the latest in CT technology. It produces images of unprecedented detail in a very short time, supporting speedier diagnosis and reducing your wait for results from your physician.

CT scans are performed when people are ill or injured, or when a physician suspects a medical problem that cannot be readily detected with routine physical examination. If you need a CT scan, your physician will complete a requisition with information that will help our radiologists plan your exam.

### What to Expect Before Your CT Scan

You may have to fast for four hours before your test, avoid caffeinated products and/or ED medications. Please do not wear jewellery or perfume on the day of your test.

Please arrive on time for your appointment. You will be given your arrival time and preparation instructions when you book your test.

Patients who are having a colonography will have to prepare for their scan two days in advance. This preparation will involve the use of barium and laxatives. Please visit the CT scans page on our website for details.

### What to Expect During Your CT Scan

A CT scanner looks like a table that is connected to a large doughnut-shaped device, called a gantry. You will lie very still on this table during the scan and hold your breath for a short amount of time to minimize any body movement.

During the scan, you may hear a humming or buzzing noise, but should not feel anything unusual.

The technologist will monitor you through a window and will communicate with you through an intercom.

Depending on the exam, a solution called “contrast” may be administered with an IV or you will have to drink the contrast to help improve accuracy. Contrast (known as X-ray dye) is a liquid solution that improves visibility of specific areas of the body, such as blood vessels or the digestive tract. Please let your doctor and CT technologist know beforehand if you have ever had an allergic reaction to contrast.

Patients who are having a body scan will be required to change into a hospital gown.

Your total time spent in the CT department should be approximately 60 to 90 minutes.

### What to Expect After Your CT Scan

Your CT radiologist will analyze and interpret your images and provide a report to your doctor or specialist. Within a week, your physician should be able to discuss the results with you.

### FAQS

#### How long does a CT scan take?

The length of your exam depends on the part of the body being scanned. Expect to be in our CT department for around 90 minutes for a scan of the abdomen or pelvis as you will have to have a drink called contrast before your scan. For any other scans, allow 15 to 30 minutes, including the time it takes for the technologist and/or radiologist to review the images.

#### How safe is a CT examination?

CT is a safe and effective diagnostic procedure. Like many other imaging technologies, the latest Siemens and GE Healthcare systems and equipment have been designed to include dose-reduction features, minimizing your exposure to radiation.

#### Will I know the results of my CT scan immediately?

The CT radiologist will analyze and interpret your images and provide a report to your doctor or specialist within a week of your scan.