

CT

A CT scan (Computed Tomography) allows us to look at your body in cross-section. It is a test that uses an X-ray machine that spins around the body to obtain detailed images. Using the CT scanner and a sophisticated computer, images can be built showing both soft tissue and bony structures. The images then can be viewed from all angles and stacked to create 3-Dimensional images.

Preparation

Most CT scans require no preparation. For some examinations you will be given a special drink on arrival. These drinks enable us to better visualize organs in the abdomen.

Do I Need an Injection?

For some examinations e.g. CT Chest/ Abdomen/Pelvis you may be given an intravenous injection of contrast medium which is an iodine based solution. A consent form will be given to you prior to the examination explaining the procedure.

Procedure

For some examination you will be asked to change into a gown. You will then be placed onto the CT table and positioned into the centre of the scanner. A series of planning scans will be performed to localize the requested body part to be imaged. Depending on the examination you may be asked to hold your breath for a short time during scanning.

If your examination requires an injection of contrast medium it will be administered now by a nurse or experienced radiographer and a series of images will be performed. All patients who have been given a contrast injection need to stay in the department for 15 minutes after the procedure in case there is a small chance of a delayed allergic reaction.

A radiologist will then interpret the images, providing a diagnosis and issuing a formal written report.

Remember

Please bring any prior scans (e.g. CT, MRI, ultrasound, X-rays) as these might assist the radiologist to assess your condition.

Female patients please note, if you are pregnant please discuss with our Radiologist or your referring Doctor the possibility of an alternative examination.

Technology

Imaging @ Olympic Park is fully fitted out with Philips imaging equipment to give you the best musculoskeletal imaging and treatment.

Your CT scan will be performed with our state of the art Philips Brilliance 64 Scanner, providing you with superior image quality and high definition reconstructions. In other words, 64 slices of the body are formed with every revolution of the tube to provide intricate details of bones, joints and soft tissue.

Our CT scanner has Philips patented dose reduction technology resulting in lower radiation dose to patients.

