Cone beam scan of a joint

A cone beam scanner (CBCT) is a small CT scan device. The Finnish abbreviation for the device and examination is ‘KKTT’. The scanner uses X-rays to take cross-section images, also known as CT scans. The cone beam scanner can be used to take images of the hand, wrist, and elbow, as well as the foot, ankle and knee.

It is also possible to inject a contrast medium with iodine into the joint for the scan. The doctor who sent you to this examination, or the radiologist, decides if you need the contrast medium.

Please reserve approximately 1 hour for your visit. The examination usually takes about 30 minutes. Patients who needs urgent examinations may be examined before you.

Preparation for examination
- You may eat and drink as usual before the examination
- Take your regular medication as usual.

If you are pregnant or suspect you might be pregnant, please tell it to the radiographer before the examination.

Examination
You will be standing up or sitting down during the scan. Your position will be determined by the area that needs to be scanned.

You must stay still for a few minutes during the scan, so that the images will be good.

Arthrography, scan of the joint with contrast medium
A radiologist will inject the contrast medium into the joint with a thin needle.

After this, a radiographer will scan the joint.

After the examination
You will receive the results of the examination from the doctor who treats you. If you do not know how to find out the results, please contact the outpatient clinic or ward that referred you to this examination.

After a joint injection
- Do not strain the joint after the scan until the next day.
- If the contrast medium was injected into your ankle or knee, do not drive a car on the same day.
- The contrast medium will disappear from the joint on its own.

Other things to note
Please take your health insurance card (Kela card) or identity card with you.

You will not be charged for the examination separately.

Cancel the appointment if you cannot come. If you do not cancel, you will be charged a fine.