

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 need urgent examinations may be examined before you.

Please see the arrival instructions or appointment letter for contact information, if you have any questions about the procedure.

Before the 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.
- **If you are hypersensitive to iodine contrast medium**, please inform the doctor who referred you to this examination as soon as possible.

During the 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 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.

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.

Other things to note

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.

Further information

For further information please visit:
tutkimukseen.fi >> [Kuvantamistutkimuksia >](#)
[> Tietokonetomografia- eli TT-tutkimus](#)

The site is not available in English.