

This instruction is intended for our patients who are in a care relationship

The Wellbeing Services County of South West Finland

Turku University Hospital

Cone beam Computed Tomography (CT) of the blood vessels of the head (with contrast)

You are coming in for a CT scan of the blood vessels of the head.

General information about the scan

The purpose of the imaging is to assess the results after surgical or intravenous treatment of the blood vessels in the brain.

How to prepare for the scan?

- You don't need to fast for this procedure.
- Blood tests need to be taken for the imaging, and these should be done 1–4 weeks before the procedure. (Tykslab, Laboratory and sampling appointments).
- If you live farther away (outside the Tykslab locations), a laboratory referral will be included with the invitation letter.
- The Metformin medication for diabetes does not need to be stopped before the scan. However, the medicine may be stopped after the scan if kidney function so requires.
- The examination is performed with the help of X-rays, therefore it must be confirmed that you are not pregnant before the examination.
- If you have an allergy to contrast agents or a kidney impairment you should report this in advance.
- Jewellery should be removed before coming for this scan.

How is the scan done?

- Because intravenous contrast is used in the imaging, we will insert an IV cannula. During imaging, you will be lying still on your back on the x-ray table.
- The actual procedure usually takes 15-30 minutes. However, it is a good idea to set aside an hour for the procedure. Urgent on-call examinations are also carried out from the ward, so your start time may be unavoidably delayed.

What about after the scan?

- The scan does not require follow-up at the hospital.
- Drinking plenty of fluids is recommended to clear the contrast agent faster from the body.

Where do you get the results from the scan?

The referring outpatient clinic is responsible for communicating the results of the scan to you.