

Collection of needle samples under CT guidance

The procedure is also called fine-needle biopsy, core needle biopsy or bone biopsy.

You have received a referral for a needle sample under computed tomography (CT) guidance.

The treating unit provides information about the imaging location and appointment time.

Duration of the examination is approximately 30–60 minutes.

Patients who need urgent examinations may be examined before you.

Please be prepared to stay in the ward for observation until the next day.

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

Before the procedure

You will be called to the inpatient ward for sample collection either on the previous day of the examination or in the morning of the examination.

- Do not eat anything for 3 hours before the examination.
- Take medication prescribed to you by your doctor according to instructions.

- At the ward, you will be given the premedication prescribed by the radiologist.
- **If you are treated with anticoagulants (for example Marevan),** your referring physician will provide
 - instructions for taking your medication, and
 - a referral for a laboratory test.
- **If the medication also includes acetylsalicylic acid (Aspirin),** the medication must be stopped for 5 days.
- Tell the doctor in charge of your care about your medication already when scheduling the appointment.
- If you are hypersensitive to any medications, inform the doctor in charge of your care as soon as possible.

During the procedure

You will be delivered to the radiology ward on a hospital trolley.

During the procedure, you will lie on the examination table either on your back or on your stomach.

Your position will be made as comfortable as possible, as you will not be permitted to move during the procedure.

The puncture location will be washed and anesthetized.

The radiologist will take the sample collection needle to the target site under CT guidance.

Once the location of the needle is confirmed, the radiologist will collect the sample.

Your condition is monitored for the duration of the entire procedure.

After the procedure

After the procedure, your condition will be monitored at a ward.

The radiologist performing the procedure and the ward physician will provide you with more detailed instructions.

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.