

Vibration sense threshold examination

Purpose of the Examination

The examination is used to measure your vibration sense, which is a part of the skin's sensory system. The mechanical vibration on your skin is passed along your sensory pathways to the brain, causing a sensation perception.

Preparing for the Examination

- Try to sleep regularly during the night before the examination. If your work includes shifts, it is recommended to avoid a night shift on the day before the examination.
- Take any possible regular medication normally. Please bring along information about any medication you are taking. You can also eat and drink normally before the examination.
- Dress so that your feet and hands are warm when coming to the examination, and so that your feet can be revealed easily.

Examination Process

A small sensor is placed on the surface of your skin, usually on the back of your hand, or on top of your foot. The device includes an adjustable vibrating part. The amplitude of the vibration is increased slowly. Your task is to report immediately when you begin to feel the vibration. The measurement is repeated a couple of times.

The examination does not cause pain and it lasts for about fifteen minutes.

After the Examination

A clinical neurophysiologist will analyse the examination and write a report. The report is directed to the clinic that ordered the examination. They will inform you of the examination results and any possible follow-ups.