

Terveys- ja sairaanhoitopalvelut  
Diagnostiikkakeskus  
Neurophysiology Examination Unit

16.10.2023

## **ENMG examination (nerve conduction examination)**

### **Purpose of the examination**

ENMG is an examination of peripheral nerve function and muscle function. It is used to investigate various pain states, numbness and muscle weakness.

### **Preparing for the examination**

Please take a shower before the examination, but do not apply any lotion to the limbs to be examined. Please wear briefs (or bring a pair with you) if the examination is performed to investigate back or lower limb complaints. However, please dress appropriately for the weather, as your limbs should be warm during the examination.

Please arrive at the unit 15 minutes before the scheduled examination, as you will need to colour in a symptom map of the symptoms that you are feeling before the examination. Symptom maps and coloured pencils are available in the waiting room.

If you have previously undergone an ENMG examination somewhere else and have a copy of the results available, please bring it with you and show it to the doctor before the examination is performed.

### **Performing the examination**

The electric function of nerves is measured by delivering tiny electric pulses to the skin. Muscle function is measured with a thin needle electrode. The examination is harmless, but some people may experience minor pain or discomfort from the electric pulses and needle stick.

The examination takes about 30 minutes (range: 15 minutes – 2 hours).

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The doctor will prepare a statement on the examination, which will then be submitted to the unit that requested the examination. They will later give you information about the examination results and any further action required.

## **Place of the examination**

The Neurophysiology Examination Unit is located on the second floor of Building Y, above the main entrance of Building Y and the Info Y desk (elevators 41 and 42).

The unit is open during office hours, tel. 06 4154723.

**Please note! A fine may be charged for research time that is not either cancelled or used.**

Website of the unit:

<http://www.hyvaep.fi/palvelu/neurofysiologia/>

Welcome!