

## EEG Examination and Preparations

The **EEG (electroencephalogram)** is a painless examination that records the electrical activity of the brain with electrodes attached to the head. The examination is used, for example, to study seizure-like symptoms such as epilepsy. It is also used for treatment monitoring.

The examination will take approximately 1 to 1.5 hours. The examination has no after-effects.

### Before the examination

For a successful examination, please:

- Wash and dry your hair before the examination.
- Do not use any hair styling products.

Bring with you information on your medication. Take your prescribed medication as instructed. If you have been prescribed emergency medication, please bring them with you.

You may eat and drink as usual.

### During the examination

At the beginning of the examination, a flexible electrode cap will be placed on your head. Some water-soluble gel will be applied on the cap's electrodes.

- Some gel may stick to your hair after the examination, but it is easy to wash away at home.

The electrodes may leave imprints on your skin for a short while. If you wish, you may take a cap with you to cover the imprints.

During the examination, you will need to rest and stay as relaxed as possible. Part of the time, you will need to keep your eyes open, and part of the time you need to keep them closed. You may be asked to look at a flashing light and take deep breaths for 3 to 5 minutes.

### 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

Please take your Kela-card or identification with you.

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.



**Patient Instruction**

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HUS Medical Imaging Center

Clinical Neurophysiology

[www.tutkimukseen.fi](http://www.tutkimukseen.fi)

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