



## ***Patient instructions***

### **EEG (ELECTROENCEPHALOGRAPHY, AN EXAMINATION OF THE ELECTRICAL ACTIVITY OF THE BRAIN)**

#### ***Purpose of the test***

The purpose of this test is to record the electrical activity of the cerebral cortex. This test can be used for diagnosing diseases of the central nervous system (e.g. epilepsy, other seizure symptoms and inflammatory conditions).

#### ***Course of the test***

The test is performed by a nurse and takes 1 hour to complete. Small electrodes will be attached to your scalp and face. Salt paste will be applied between the electrodes and skin. The electrodes will be connected to the EEG device with leads, and the computer will draw a graph of the electrical activity of your brain. During the test, you will lie comfortably on a bed with your eyes closed. You will occasionally be asked to open your eyes. During the test, you will need to look at a bright light flashing at different rates for a short time and breathe forcefully for a while.

#### ***Preparations***

You should wash your hair on the day before the test, but please do not use any hair gel or hair spray afterwards. The scalp needs to be dry when you arrive for the test. It is particularly important to wash your hair carefully if you are a welder because metal particles in the hair often cause technical problems.

You should take your regular medication as usual. If you need to take other temporary medications for some reason, please let us know about it when you arrive for the test. You should also tell us about any recent seizures and injuries.

#### ***After the test***

The salt paste will be removed from the hair and skin with a moist cloth. Any remaining salt paste can be easily washed off. The doctor will evaluate and report on the test and send it to the doctor who requested the test.

#### ***How to find us***

Neurolaboratorio is located by the Kauppatori Square in Turku, in the Mehiläinen building, at Kauppiaskatu 8, second floor. You will find signs leading to Neurolaboratorio in the corridor in the first floor.

#### ***Booking***

Online booking [www.neurolaboratorio.fi](http://www.neurolaboratorio.fi) - MAKE AN APPOINTMENT

phone 02 4140800

open hours Mon-Thur 8-16, Fri 8-15