

Paediatric Awake EEG Examination and Preparations

The purpose of the **EEG examination (electroencephalogram)** is to register the electrical activity of the brain. Indications for the examination include seizure-type symptoms, developmental disorders or linguistic development disorders. The examination will cause no pain.

Depending on what the examination needs to determine, it takes between one hour and ninety minutes.

Before the examination

- To achieve a good electrode contact, the hair should be clean and dry (no gel, hairspray or oil should be used).
- The best results are achieved when the child is calm and relaxed.
- The child should not be hungry. It is recommended that infants and pre-school children have a bottle of milk or juice or a favourite toy of their own.
- The child should always be accompanied by an adult, preferably the mother or the father.
- Day care should be provided for siblings for the duration of the examination. Only one person may accompany the paediatric patient in the examination room.

Any prescribed medication may be given according to the instructions. Please take information about the medication with you to the examination.

During the examination

At the beginning of the examination, a flexible electrode cap will be placed on the child's head. The contact of the electrodes will be improved by using a water-soluble liquid.

The best recording results are achieved when the child is motionless and relaxed. The examination will record the electrical activity of the brain while the child is awake with eyes open and closed. In addition, flashing lights may be shown depending on the patient's age, or the patient may be requested to breathe intensely for a few minutes.

After the examination

You will receive the results of the examination from the doctor who treats the child.

If you do not know how to find out the results, please contact the outpatient clinic or ward that referred the child to this examination.

Other things to note

Please take the child's Kela-card or identification with you.

You will not be charged for the examination separately.

Cancel the appointment if you cannot come.



Patient Instruction

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tutkimukseen.fi

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