

BAEP (brainstem auditory evoked potential) and how to prepare for it

BAEP (Brainstem Auditory Evoked Potential) is a painless examination to study the function of auditory nerves and the auditory pathways in the brain stem.

The examination takes 1/2 - 1 1/2 hours.

Before the examination

Adults:

- Before the examination you may eat and drink normally.
- You can take any prescribed medicines according to instructions.

Children:

- The examination will succeed best if the child is relaxed or asleep. The child must not be hungry.
- Suckling babies should be kept awake for 2-3 hours before the examination.
- Siblings can not be present while the examination is taking place.

Child patients must always be accompanied - preferably by a parent. For suckling babies and toddlers it is good to have juice or milk, and a pacifier or a favourite toy along.

During the examination

The person being examined will have earphones placed on the ears from which sound stimuli (clicking) can be heard. The neural activation caused by the stimuli are registered with the help of sensors attached to the skin of the head.

During the examination the patient is in a reclining position with the eyes closed. The level of alertness does not affect the examination.

The examination has no after-effects.

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

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