

VEP (Visual Evoked Potential) and how to prepare for it

VEP (Visual Evoked Potential) is a painless examination to study the function of visual pathways.

Before the examination

Adults:

- For good sensor contact your hair should be clean and dry. Hair care products must not be used.
- Before the examination you can eat and drink normally.
- You can take any prescribed medicines.

Children:

- To achieve good sensor contact, the hair should be clean and dry. Gel, hairspray or oil must not be used.
- The examination will succeed best if the child is calm and relaxed.
- The child should not be hungry. For suckling babies and toddlers it is good to have a juice or milk bottle, a pacifier, or a favourite toy along.
- The child must always be accompanied, preferably by the mother or father.
- Siblings should be cared for somewhere else while the examination is taking place.

During the examination

At the beginning of the examination, sensors are attached to the scalp.

The purpose of the examination is to gain information on the flow of nerve impulses from the retina of the eye to the visual cortex. The examination takes place in a sitting position. The eyes are examined one at a time by covering the other eye. The stimulus is produced by using an alternating checkerboard pattern or flashes of light (Flash-VEP).

The duration of the examination is about an hour. If you wear glasses, take them along.

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
HUS Medical Imaging Center
Clinical Neurophysiology

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