

## **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 medicine.

Please bring your Kela-card or other formal identification with you.

If you wear glasses, take them along.

#### **Children**

The child's hair should be clean and dry. Gel, hair-spray, 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 by an adult, 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 examination takes place in a sitting position.

The duration of the examination is about an hour.

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 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).

### **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, you can contact the outpatient clinic or ward that referred you to this examination.

### **Other things to note**

You will not be charged for the examination separately.

Cancel the appointment if you cannot come.



**Patient Instruction**

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HUS Medical Imaging Center

Clinical Neurophysiology

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