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# Electroencephalography (EEG)

**EEG is a test for evaluating the electrical activity of the cerebral cortex. The test is performed during wakefulness and also during sleep (if necessary). The test provides information about the condition and functioning of the cerebral cortex. EEG allows to specify epilepsy, different seizures, loss of consciousness episodes, brain damage caused by trauma, disorders of consciousness, and brain death.**

In some cases, the test can be used to evaluate the effectiveness of treatment. Only the referring treating physician will explain to you the final result of EEG findings in the context of the suspected disease. A standard EEG (in a state of wakefulness) lasts from 30 minutes to 1 hour. A sleep EEG lasts from 1 hour and 20 minutes to 2 hours.