

## **Sex hormones levels in men with temporal lobe epilepsy**

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Twenty male patients with complex partial seizures of temporal lobe origin, 20 male patients with epilepsies other than temporal lobe origin and 20 apparently healthy males, have normal EEGs. Sexual dysfunctions are diagnosed according the criteria of American Psychiatric Association (1994). EEG and the serum levels of F.S.H., L.H., prolactin, testosterone, free testosterone and sex hormone binding globulin are assayed for each subject.

Sexual dysfunctions are common among men with temporal lobe epilepsy. Moreover, decreased free testosterone levels or hyperprolactinemia are commonly associated with these sexual dysfunctions.

Hyperprolactinemia

which is found in men with temporal lobe epilepsy is mostly caused by the epilepsy itself.

Conclusion: Sexual dysfunctions and changes in the sex hormones serum levels are reported.