

Are there hormonal changes in the cerebrospinal fluid of obsessive compulsive disorder patients?

Saadani, M. Asaad, S. Sherif, T. Sheashaei, A. Rashed, S.

Current Psychiatry. Ain Shams University (Print)

2000 v7 n2

This study aimed to measure the possible hormonal changes in the CSF of severely disturbed OCD patients. CSF from 10 OCD subjects (on the Yale-Brown Obsessive Compulsive Scale with scores of more than 32) was compared with CSF samples from 10 psychologically stable control subjects who were comparable with regards to age, sex and menstrual phase if females. Radioimmunoassay of follicle stimulating hormone (FSH), luteinizing hormone (LH), growth hormone (GH), prolactin (PRL), thyroid stimulating hormone (TSH) and cortisol were done for both OCD patients and control subjects. The results showed differences between the mean values for OCD patients and control subjects. These differences were statistically not significant. Cortisol was not detected in the CSF of both OCD patients and control subjects.