

Abstract

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Title: Temporolimbic dysfunction in persons with sleep disorders

Background: The aim is to demonstrate the occurrence of symptoms of the temporolimbic dysfunction in person with sleep disorders using standard psychosocial questionnaires.

Methods: The occurrence of symptoms of the temporolimbic dysfunction was detected by means of CPSI and LSCL-33 questionnaires. Correlation of both questionnaires' results was evaluated by Spearman's coefficient.

Results: According to CPSI 11 % patients have abnormal score and they have higher occurrence of symptoms of the temporolimbic dysfunction. According to LSCL-33 achieve 32 % of respondents abnormal score and 7 % respondents have pathologic score, which means the presence of the temporolimbic dysfunction.

Conclusions: The occurrence of the temporolimbic dysfunction in persons with sleep disorders have been shown, but it haven't been higher in comparison with healthy population.

Keywords: mood disorders, sleep disorders, psychosocial questionnaire, sleep, temporolimbic region