

ABSTRACT

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Signs of epilepsy spectrum disorder in persons with psychostimulants addiction

Diploma thesis

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Background: The aim of this diploma thesis is to study the occurrence of symptoms of epileptic spectrum disorder in psychostimulant subjects and to demonstrate the effect of psychostimulants on the occurrence of this disorder.

Methods: For questionnaire survey was used to collect the data, in which probands submitted a total of 3 questionnaires. Input anamnestic questionnaire to obtain general information, the remaining two are focused on symptoms of epileptic spectrum disorder - Complex Partial Seizure-like Symptoms Inventory (CPSI) and Limbic System Checklist-33 (LSCL-33). Statistical methods of percentage comparison, chi-square test and unpaired t-test were used for evaluation.

Results: Unusual scores and scores for epileptic spectrum disorder reached a total of 60 % of respondents in the CPSI. In the LSCL-33 questionnaire, a suspect and abnormal score reached 100 % of respondents.

Conclusions: Both hypotheses have been demonstrated, namely that psychostimulants influence the occurrence of symptoms of epileptic spectrum disorder and that the results will be comparable to a set of addictive substances generally. There was no statistically significant differences compared to the general addicts.

Keywords: drug dependence, epilepsy spectrum disorder, limbic system, neurotoxicity, psychostimulants, questionnaire investigation