

ABSTRACT

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Signs of epilepsy spectrum disorder in drug-dependent persons

Diploma thesis

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Objectives: The objective of this diploma thesis was to demonstrate the signs of epilepsy spectrum disorder in risk group of drug-dependent persons.

Methods: We investigated the signs of epilepsy spectrum disorder by questionnaire survey – specifically by questionnaires Limbic System Checklist-33 (LSCL-33) and Complex Partial Seizure-like Symptoms Inventory (CPSI). We used statistical methods for results evaluation - the percentage comparison, chi-square test, and Spearman correlation coefficient.

Results: The questionnaire survey demonstrated a significant shift towards abnormal values for both questionnaires. Abnormal score was achieved by 77 % respondents for questionnaire LSCL-33, suspected score was achieved by 19 % respondents. Score for epilepsy spektrum disorder was achieved by 32 % respondents for questionnaire CPSI and 45 % respondents showed unusual values.

Conclusions: Signs of epilepsy spectrum disorder in drug-dependent persons was thus proved. The incidence is higher than in ordinary population and population of smokers. It was also demonstrated correlation of applied questionnaires.

Keywords: drug dependence, epilepsy, epilepsy spectrum disorder, limbic system, *nucleus amygdalae*, questionnaire investigation