

7th World Congress on **Addictive Disorders & Addiction Therapy**
&
29th International Conference on **Sleep Disorders and Psychiatry**

July 16-18, 2018 London, UK

Perceived parental rearing behaviour and executive functions in adolescents with drug-addicted parents

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Introduction: The WHO refers that 3.5% to 7.0% of people between the ages of 15-64 years have used an illicit drug. In México, 1.5% of the people use illicit drugs. Parents with drug abuse disorder can show negligent behaviour, can spread a context of danger, violence and a family environment with rigid or very flexible rules; children exposed to this family context will develop cognitive disturbance, impulse-control problems and age of onset drug use diminished.

Objective: To evaluate parental rearing perception, state of mind, resilience and executive functions in adolescents with drug addicted parents.

Methodology: 29 adolescents, 15 with drug addicted parent (experimental), 14 without drug addicted parent (control); were applied questionnaires of general data, BANFE-2 test to evaluate executive function, tripartite scale of anxiety and depression, scale of resilience and EMBU-I (rearing perception)

Results: Adolescents with drug addicted parents are mostly cared by their relatives ($X^2=4.27$, $p<0.04$), all of them are smokers ($X^2=25.25$, $p<0.0001$) and belonging to an extended family. Experimental group show lowest performance in the prefrontal cortex (16.20 ± 2.73 vs. 17.92 ± 1.89 , $p<0.05$), lateral area (171.06 ± 17.67 vs. 193.5 ± 27.12 , $p<0.02$) and score total of BANFE-2 test (370.60 ± 36.50 vs. 402.1 ± 31.63 , $p<0.02$); in addition showing a higher number of severe or serious disturbance in the prefrontal cortex ($X^2=3.55$, $p=0.5$). Although control group has higher levels of resilience and perceived rearing, has lower levels of anxiety and depression, these trends aren't statistically significant.

Conclusion: Experimental group shows lower performance in front and lateral area, lower scores in total of executive function test; lower levels of resilience and rearing perception and higher levels of anxiety and depression.

Biography

Diana Lizbeth Arteaga Cruz completed her Clinical Psychology at University of Guanajuato, actually is doing her thesis in the project "Perceived parental rearing behaviour and executive functions in adolescents with drug-addicted parents" in the Molecular Biology and Behavioural Genetic Laboratory.

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