

Conclusions: The study of the dynamics of the subjective pattern of health in frequently ill adolescents has high practical significance due to the possibility of preventive and correctional work with these adolescents. Research is supported by the Russian Science Foundation, project No. 21-18-00624.

Disclosure: Research is supported by the Russian Science Foundation, project No. 21-18-00624.

Keywords: frequently ill adolescents; health; subjective pattern of health; attitude toward health in adolescents

EPP0295

Exposure to community violence and Callous-Unemotional traits in young children: the role of positive parenting

D. Obando^{1*}, N. Wright² and J. Hill³

¹Universidad de La Sabana, Psychology, Chía, Cundinamarca, Colombia; ²Kings College, Biostatistics & Health Informatics, Institute Of Psychiatry, Psychology & Neuroscience, London, United Kingdom and ³University of Reading, Psychology And Clinical Language Sciences, Reading, United Kingdom

*Corresponding author.

doi: 10.1192/j.eurpsy.2022.584

Introduction: Studies regarding environmental contributions on callous-unemotional (CU) traits in children have informed about the protective role of positive parenting. However, it has not been explored whether findings from these studies -mostly conducted in High-Income Countries- can be generalised to Low-Middle-Income Countries (LMICs). Exposure to community violence is common in LMICs and is associated with emotional and behavioural problems in children. Therefore, it may represent an environmental risk factor for CU traits.

Objectives: This prospective study explores whether positive parenting has a protective role in relation to CU traits in young Colombian children whose families have been exposed to community violence.

Methods: We assessed 235 families with children at age 3.5 years, from three contrasting regions of Colombia, using observations of mother-child interactions and maternal reports of community violence at ages 3.5 and 5.0 years.

Results: Hierarchical multiple linear regression models indicated that maternal positivity at 3.5 years was associated with lower CU traits at age 5.0 years only in children of families exposed to community violence (interaction term $p = .001$). In the exposed group maternal positivity explained 10% of the variance ($\beta = -.34$, $p = .001$) with low positivity associated with elevated CU traits and high positivity with low CU traits. Maternal praise was not associated with CU traits. However, maternal negativity during play was associated with elevated CU traits as a main effect.

Conclusions: Based on these findings, whether or not exposure to community violence is associated with elevated CU traits depends on maternal positivity, with low positivity creating vulnerability, and high positivity, resilience.

Disclosure: No significant relationships.

Keywords: Low-middle-income country; Callous-unemotional traits; Exposure to community violence; Positive parenting

EPP0297

Toward the clinical application of the Child Psychosis-Risk Screening System (CPSS)

Y. Hamasaki^{1*}, M. Matsuo², Y. Sakae³, R. Sanada², T. Nakayama¹, S. Michikoshi¹, S. Ueba⁴, N. Kurimoto^{2,5} and T. Hikida⁶

¹Kyoto Women's University, Faculty Of Contemporary Society, Kyoto, Japan; ²Shiga University of Medical Science, Department Of Psychiatry, Otsu, Shiga, Japan; ³Shiga University of Medical Science, Department Of Pediatrics, Otsu, Shiga, Japan; ⁴Saiseikai Moriyama Municipal Hospital, Department Of Pediatrics, Shiga, Japan; ⁵Shigasato Hospital, Department Of Psychiatry, Shiga, Japan and ⁶Osaka University, Laboratory For Advanced Brain Functions, Institute For Protein Research, Osaka, Japan

*Corresponding author.

doi: 10.1192/j.eurpsy.2022.585

Introduction: In our previous study, we have developed the Child Psychosis-risk Screening System (CPSS), which incorporates psychological and behavioral characteristics of childhood into an algorithm, based on a retrospective survey.

Objectives: In this study, we actually tried to evaluate the risk of psychosis in pediatric and psychiatric outpatients using the CPSS.

Methods: We conducted an epidemiological study of 323 outpatients aged 6-18 years visiting pediatric and psychiatric departments using CBCL and clinical data (sex, age, winter birth, chief complaint, diagnosis, abuse, bullying, hikikomori). ROC analysis was used to assess the accuracy of CPSS predictions. Cross-sectional logistic regression analysis was performed on the clinical data to identify factors associated with risk groups exceeding the cutoff value.

Results: The results of the ROC analysis showed that the AUC (Area under the ROC Curve) was 80.3%, indicating that the CPSS has Moderate accuracy. The cutoff value was 98.11% (sensitivity: 0.857, specificity: 0.835), and 18% of the subjects were identified as risk groups above this value. Cross-sectional logistic regression analysis showed that schizophrenia diagnosis, no abuse, winter birth, and hikikomori were associated with the risk group, with respective odds ratios of 22.88, 10.76, 1.91, and 1.37.

Conclusions: The results of this study suggest that the CPSS can be applied to pediatric practice for early detection of risk for psychosis. The risk group is also present among pediatric patients with physical chief complaints. The factors suggested to be associated with risk groups may reflect the factors acting on the critical period of psychosis onset and the dynamic state.

Disclosure: No significant relationships.

Keywords: Child Behavior Checklist; Psychosis; CPSS; prodrome

EPP0298

Prevention program of emotional and behavioral disorders in children with developmental language delay

A. Leonova* and T. Raeva

Tyumen State Medical University, Psychiatry And Narcology Department, Tyumen, Russian Federation

*Corresponding author.

doi: 10.1192/j.eurpsy.2022.586