

obstetrics department. The Prenatal Attachment Inventory (PAI) was used to assess maternal-fetal attachment.

Results: For the 125 pregnant women that participated in our study, 99,2% were married with consanguinity for 14,4%. The mean marriage duration was 4 years and 3 months. Women were illiterate in 3,2% and more than the half (54,4 %) were unemployed. On average, the current pregnancy was their second one. Pregnancy was spontaneous in 85,6%, unplanned in 71,2% and not desired in 29,6%. Sex of the fetus was not desired by the mother in 40,8%. Dysgravidia complicated 32% of the pregnancies with hospitalization in 25,6%. Fetal health problems were detected in 7,2%. A psychiatric trouble has been reported by 4% of the pregnancies. The total score of PAI ranged from 27 to 82 in our sample. We found a statistically significant negative correlation between PAI and duration of marriage ($p=0,012$); PAI and gestation number ($p=0,039$); and a correlation between PAI and the planning of the pregnancy ($p=0,030$).

Conclusions: Socio-demographic and clinical factors should be taken in consideration while evaluating pregnant women at risk of perinatal psychological difficulties.

Conflict of interest: No significant relationships.

EPP0088

Conditions of negation formation in children of early age with down syndrome

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Introduction: According to Vygotsky, children with special needs follow the same trajectory of development as normally developing children, although some of the skills can be observed in a later period. This statement can be implemented to the children with Down syndrome. The number of such children in Russia is around 25 thousand. **Objectives:** The aim is to study the conditions of negation formation in children with Down syndrome.

Methods: The sample consisted of 22 dyads of children with Down syndrome of 24-36 months old and their mothers. The research methods included: parents' questionnaire; analysis of problematic situations; Tkacheva's inventory Parent's Psychological Type; Varga & Stolin Inventory of Parental Attitude; Toronto Alexithymia Scale, Bass-Darkey Hostility Questionnaire, Leonhard-Schmieschek Test, Spielberger's Test Anxiety Inventory.

Results: Firstly, we have studied how a child expresses his or her negative reaction: whether he or she uses a gesture or a sound for "no" or reacts with the whole body. According to those results we have divided the sample into two groups and then have compared them. The research shows the connection between mother's aggressiveness and formation of the child's negation reaction (gesture/sound or the whole body) as well as differences in the level of alexithymia and anxiety: all the characteristics are lower in the first group.

Conclusions: Mothers of the children with Down syndrome demonstrate a high and a medium level of anxiety. However, the mothers of the children who expresses negation with a gesture/

sound show a lower anxiety level comparing with the mothers whose children react with the whole body.

Keywords: Down syndrome; parent-child relations; negation; children with special needs

EPP0089

Productivity of tasks performance in children and adolescents with different level of media multitasking

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Introduction: Media multitasking (MMT) begins to play an increasingly important role in terms of the digitalization of everyday life. At the same time, the effect of MMT on efficiency is still poorly highlighted, especially among the younger generation (May, Elder, 2018; Patterson, 2017; Peifer, Zipp, 2019).

Objectives: The aim is to identify types of MMT in children and compare them by productivity and time of task performance.

Methods: Quasi-experimental research, which included the performance of tasks on a computer and a smartphone, was conducted among children in three groups aged 7-10 years, 11-13 years, 14-16 years (N=154).

Results: Based on a number of criteria, several types of behavior are identified in the MMT environment: two subgroups of "single-taskers" (23%), "light" (19%), "medium" (54%) and "heavy" (4%) MMT. Comparative analysis ($p=0.027$) reveals high scores for proper task performance of the subgroup "single-taskers1", as well as "heavy" and "light" MMT. The other subgroup "single-taskers2" and "medium" MMT show, on the contrary, low productivity results. MMT groups also differ in terms of task performance time ($p=0.006$). The "light" and "heavy" MMT cope the fastest. The second place by the speed of task performance is held by "medium" MMTs and "single-taskers1", and the slowest are "single-taskers2". **Conclusions:** The results show that both linear and nonlinear behavioral strategies can lead to a certain level of performance. Most children try to operate in the MMT mode and it is becoming the dominant and ubiquitous modus vivendi for the younger generation. The reported study was funded by RFBR, project No. 19-29-14181.

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Keywords: media multitasking; productivity; Children; adolescents

EPP0090

Early premorbid of children with ASD

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Introduction: According to numerous studies, the origins of most endogenous mental diseases, in particular, autism, lie in early childhood. This concept is based on the classical theories of diathesis.