

DEVELOPMENTAL EVALUATION OF HEALTHY YOUNG AND PRESCHOOL CHILDREN IN KHARKIV

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Objective to apply special questionnaires to assess the development of different groups of children in Kharkiv and their peers

Methods. The parents of 323 children of 3-5 years old were interviewed by verbal agreement: 115 in preschool institutions, separately 208 going to the football club «Footbik» in 2016-2017 by adapted questionnaire by the Western Australia Department of Health and original recommendations of American Academy of Pediatrics. Statistical analysis was performed with the help of STATISTICA 7.0.

Results. The physical development of all was appropriate age. The chronic diseases were found in 6 % children from sport club ($p=0.03$) due to improve the health of children by means of parents.

The results showed that the development of motor skills in toddlers and preschool children does not depend on the fact whether the child goes to a kindergarten or to a sports club (OR 1.02; 95% CI 0.55 – 1.89). Among the children of sports club statistically significant frequency of cognitive development (OR 3.2; 95% CI 1.7 – 5.76), and among the children, going only to kindergartens, an advance in social and emotional development was recorded (OR 7.36; 95% CI 3.4 – 15.6). The 69% children have been attending the sports club for less than half a year ($p<0.001$). But, if a child goes to the sports club for more than 110 hours during the time period of 1-1.5 years, the advance in fine and gross motor skills development increases (OR 4.6; 95% CI 1.2 – 19.0) and (OR 5.2; 95% CI 1.3 – 21.3). Nobody have delay of development.

Conclusion. Questionnaires help to detect differences in the main domains of development in children from different groups and different age. In Ukraine screenings of young children development are absent.

Key words: *screening of development, healthy children, questionnaires*