

Abstract:

In its theoretical part, the thesis „Postural Function at Early Age and Final Condition of Motor Functions at Preschool Age“ summarizes the knowledge of motor abilities and skills, postural control and development, control and development of rough and fine motorics. At the same time, the theoretical part resumes briefly characteristic features of developmental coordination disorders, way of their diagnostics and possible treatment. Furthermore, it presents the most common tests used for motorics assessment and its disorders. Practical part focuses on comparison of results according to developmental kinesiology as an investigation method and MABC-2 test.

There have not been found any statistically important relations between the results of the developmental kinesiology test as an investigation method performed in the first and fifth week and in the third month of postnatal development and the results of MABC-2 test performed in the same children at school age.

Likewise, there seem to be no statistically important relation between the results of MABC-2 test in children playing sports and those not playing any sport, neither in the results of MABC-2 test in children of sporting parents and non- sporting parents.

Key words: Postural function, developmental kinesiology, motor abilities, motor skills, sensory integration, developmental coordination disorder.