

Abstract

Title: Specifics of motor development in children with autism spectrum disorder

Objectives: The aim of this thesis is to summarize the accessible literary sources about possibilities of early diagnostic of autism spectrum disorders, characteristic features of motor development and presence of movement and other abnormalities during early development in children who were later diagnosed with some disorder of autism spectrum.

Methods: The study is divided into two main parts. In the first part, general information about autism spectrum disorders is presented. The etiopathogenesis, characteristic features and different types of autism spectrum disorders are described. The second, descriptively analytical part, contains a brief description and resume of many studies, which deal with early identification of autism spectrum disorder, with examination of features of autism spectrum disorder in early development and motor abnormalities in individuals with autism spectrum disorder or high risk infants.

Results: The results of this study indicate, that there are differences in social behaviour, motor development and specific autistic features already in the early development of children later diagnosed with autism spectrum disorder. Among motor abnormalities in early development in this children there are especially problems with motor imitation, gesticulation and postural control.

Keywords: autism, motor development, autism spectrum disorder, diagnostic of autism spectrum disorder