

This diploma thesis researches the effect of yoga group exercising on children diagnosed with developmental coordination disorder. The theoretical part provides an overview of knowledge about the developmental coordination disorder, it mentions the issue with nomenclature and summarizes the options of treatment. It also deals with yoga, especially its use as a form of therapy for wide range of diagnosis in adults as well as in children population. The aim of the practical part was to find out if there is any improvement in motor and other abilities after group exercising of yoga. Children were examined by Movement Assessment Battery for Children 2 and by selected subtests from Sensory Integration and Praxis test, specifically Postural Praxis, Bilateral Motor Coordination, Postrotary Nystagmus, Manual Form Perception and Localization of Tactile Stimuli. Parents of children filled Short Sensory Profile and Developmental Coordination Disorder Questionnaire. The study demonstrated improvement in MABC-2 test results, specifically in Aiming and Catching and Balance subtests. There was also significant improvement in these subtests of Sensory Integration and Praxis test: Postural Praxis, Bilateral Motor Coordination and Localization of Tactile Stimuli. Both questionnaires did not show any improvement.