

The diploma thesis “Decreased Ankle Joint Dorsal Flexion as Initial Symptom of Children with CMT 1A Disease” is concerned with Charcot-Marie-Tooth disease and its early symptoms in children. The theoretical part of the paper summarizes the knowledge about the CMT disease on the basis of a research of available literature and it particularly focuses on specific characteristics of the disease in children patients, initial symptoms of the disease, development of the disease in childhood and the importance of functional changes of the ankle joint in patients diagnosed with CMT 1A disease. The experimental part of the paper analyses initial symptoms of ten children in age range from 3 to 10 years diagnosed with CMT 1A disease. The thesis further critically evaluates the heel standing test as an easy diagnostic method in the early stages of the CMT 1A disease available for children from three years of age. The research also includes qualitative analysis of initial symptoms and comparison of the experimental results with a control group.