

## **Abstract**

This thesis is occupied with the issues of development of the fine motor skills and graphomotorics of an individual suffering from the central mobility disorder. The main aim of the thesis is to discover and describe what development possibilities of these abilities and skills are. The theoretical part deals with basic terms related to diagnosis of Cerebrovascular accident (CVA) and its rehabilitation options. There are also described the fine motor skills, graphomotorics, grasping process, classification of grasps and their development. There is a separate chapter that is engaged only with development of the fine motor skills and graphomotorics. The thesis also contains evaluation surveys that are applied in practice and that are important for comparison before and after a therapeutic intervention. The practical part is based on qualitative oriented methodology and it operates with data gained from five case studies. Based on comparison of values gained from the entry and control examinations, particular data have been elaborated. It was discovered from the performed research that it had come up to improvement of the fine motor skills as well as graphomotorics by use of various therapeutic methods. Each method had been chosen in accordance with the client's current condition and their individual needs. There are suggestions for improvement of the special pedagogic practice in the conclusion of the thesis that follow the performed research.

Key words: Cerebrovascular accident, stroke, fine motor skills, graphomotorics, development of the fine motor skills, arm examination, hand examination