

Abstract

Title: Case study of physiotherapy treatment of a patient after ischemic stroke with right-sided hemiparesis

Objective: The main aim of this study is to analyze the theoretical knowledge about etiology, clinical symptoms, stages of disease and the following therapeutic methods used during treatment given to patients who suffered a brain stroke. Secondary, proving and verifying my own capabilities in terms of communication with the patient and his examination, lastly conducting conclusions and creating concepts of therapy treatments which were practically and subsequently applied.

Method: The general part of my bachelor thesis contains theoretical knowledge about etiology, clinical symptoms, varieties and stages of ischemic brain strokes and the following options of therapeutic methods used on patients with such diagnosis. The practical part of the thesis is based on my own study and care of a patient after ischemic brain stroke during my therapeutic observation and research in Rehabilitation Clinic of Malvazinky from 23. 1. 2012 to 17. 2. 2012.

Results: Light improvement of fine motor skills, increase of myodynamia of the affected upper extremity involved in complex movement, general improvement of function of the dextral extremity in activities of daily living that implies increase of self-reliance and help with homecoming.

Conclusion: The patient's indication for her rehabilitation was beneficial and successful in recovering lost abilities and their subsequent improvement.

Key words: stroke, ischemia, hemiparesis, spasticity, treatment, physiotherapeutic methods