

Abstract

Title: Case study of physical therapy treatment of a patient after ischemic stroke with right hemiparesis

Objective: The aim of my bachelor thesis is to provide a comprehensive theoretical overview of ischemic stroke and to present a case study of physiotherapeutic care for a specific patient with this diagnosis in the special section.

Method: This thesis comprises a theoretical part and a special part. The theoretical section focuses on compiling knowledge about ischemic stroke using scholarly literature and current resources. The special part addresses a case study of physiotherapeutic care for a specific patient who has suffered an ischemic stroke. It includes anamnesis, initial kinesiological analysis, short term and long term physiotherapeutic plans, daily records of therapies, and final kinesiological analysis, as well as an assessment of the therapeutic outcomes.

Results: Based on theoretical foundations, physiotherapeutic care was applied, which led to an improvement in self-sufficiency, increased muscle strength, enhanced stability, greater range of motion, and reduced pain in the shoulder joint.

Conclusion: The goals of the bachelor's thesis were achieved, a comprehensive overview of the aspects of ischemic strokes was provided, and a case study of physiotherapeutic care for a patient after ischemic stroke was presented, which showed progress between the initial and final kinesiological analyses.

Keywords: stroke, ischemic stroke, right hemiparesis, rehabilitation