

Abstract

Title:

Case study of the physiotherapy treatment of the patient after stroke with left hemiparesis

Aims:

The aim of this bachelor thesis was to gain theoretical knowledge about stroke and the development of the case study of a patient after ischemic stroke with left hemiparesis.

Summary:

This bachelor thesis deals with a stroke. It consists of two main parts. The theoretical part contains a general definition of a stroke, the basic anatomy of the blood supply to the brain, the physiological values of a blood flow through the brain arteries, regulatory mechanisms, pathophysiology of disease's origin, stroke classification, diagnosis and treatment of disease. This part also contains specific rehabilitation treatment for various periods of disease and basic facilitation methods used in rehabilitative treatment of this disease.

The practical part contains a case study of physiotherapy treatment of the patient after stroke with left hemiparesis, with whom I worked on inpatient rehabilitation in the Ústřední vojenská nemocnice from 21. 1. 2016 to 5. 2. 2016. This part also includes a methodology of this thesis, input kinesiology analysis, individual therapy and output kinesiology analysis with evaluation of the effect of therapy.

Keywords:

Ischemic stroke, rehabilitation after stroke, left hemiparesis