

Abstract

CASE STUDY OF PHYSIOTHERAPY TREATMENT OF A PATIENT AFTER STROKE

Objectives: Theoretical analysis of after stroke management and elaboration of physiotherapy treatment schedule in the form of an after stroke patient case study.

Methods: This work was done with patients consent within an uninterrupted practice at Central Military Hospital in Prague at the Department of Physical Medicine and Rehabilitation. The practice was held from 9th January to 3rd February. The work is divided into two main sections – a general (theoretical) and a special. In the general section is researched the theoretical background for *status post* hemorrhagic stroke. The general section includes basic characteristics of the illness, etiopathogenesis, incidence, diagnostics, treatment and options of physiotherapy methods concerning the illness. The special section contains the after stroke patient's case study, the review of proposed therapy and the therapy effect evaluation.

Results: The patient's condition evolved during the treatment. The patient developed better muscular strength and joint movement, the swelling was reduced, right hand side of his body and limbs was strengthened and his overall stability and gait was improved. The improvement was indicated by functional scales tests as well.

Keywords: hemorrhagic stroke, rehabilitation after stroke, hemiparesis.