

Abstract

Title: Case Study of physiotherapy treatment of a patient after acute brain stroke.

Objective: To officially to confirm the ability to work well with patients after a stroke. To gain the needed theoretical knowledge about the given issue and to utilize the practical physiotherapeutic skills.

Method: The first part of the bachelor thesis is theoretical. It describes the origin, risk factors and consequences of a stroke. Further described are typical clinical symptoms, possibilities for treatment and technical uses of physiotherapy. The thesis is also dedicated to the subluxation of the paretic arm and the neglect syndrome. The second part contains casuistry of the chosen patient after the ischemic stroke with left – handed symptomatology.

Results: Improvement of the walking stereotype, reduction in the painfulness of the paretic arm, increased strength in the paretic lower arm and improvement of the exterior and deep perception.

Conclusion: The use of physiotherapy on a patient after a stroke appeared to be very important, due to partial return of damaged functions.

Key word: vascular stroke, hemiparesis, painful arm, physiotherapeutic methods