

Title: Examination and therapy of balance of patients after stroke

Subtitle: The use of Bobath concept elements in the therapy of stability impairment

ABSTRACT:

The bachelor's thesis deals with topic of balance of patients after stroke. It's divided into theoretical and practical part. In the theoretical part, balance is defined as a term and particular types of postural control are described. The theoretical part also involves overview of the best known tests used for examination component types of postural control. It summarizes basic rules of postural impairment therapy of patients after stroke. There is also described the Bobath concept as an option for therapeutical approach to patients with balance impairment, which is caused by stroke in case history. The practical part consists of two case studies. The goal of practical part was to verify an effect of therapy by using selected elements of Bobath concept in patients with balance impairment. The result was objectified with the use of BESTest scale.

Key words: stroke, balance, Bobath concept, balance control, balance training, physiotherapy.