

Title of thesis:

The possibilities of influencing the stability of walking in geriatric patients

Abstract:

This bachelor thesis addresses gait disorder therapy in geriatric patients. Good stability is a fundamental prerequisite for quality gait. The stable and quality gait is key to preserve the self-sufficiency, therefore the physiotherapy bears great importance. The theoretic part aims at the geriatric patient and lists possibilities how we can influence the stability. The practical part contains the case study of two patients with the goal to verify one of the possibilities how to influence stability in the real life. The method of sensorimotor stimulation was chosen. The therapies were going on in two weeks. Both patients had undergone ten therapies and every took approximately 30 minutes. For comparison, we have used standardized tests which are described in the theoretical part. The output testing confirm the improvement, was achieved better gait stability and certainty in both cases.

Key words: geriatric patient, stability, gait, walking investigation, sensorimotor