

## **Abstract**

**Title:** The case study of physiotherapeutic treatment of a patient with The Postpoliomyelitic syndrome

**Objective:** Summarization of theoretical knowledge concerning The Postpoliomyelitic syndrome. Preparation of case study of a patient suffering The Postpoliomyelitic syndrome, followed by appraisal of the therapy's effects.

**Methods:** The Theoretical Part is concerned with The Postpoliomyelitic syndrome's theme, namely with its possible cause of the syndrome, clinical features and options of therapeutic approaches. The Special Part of Bachelor Thesis presents case study of female patient in the course of particular therapies, and overall therapy's effect.

**Results:** Physiotherapeutic care of the patient was observed to be helpful and positive results were reached not only in the objective, but also in subjective way. As the most effective is considered respiratory physiotherapy especially for activation of stabilizing muscles of the spine, then soft tissue techniques and positive thermotherapy. The reduction of muscle dysbalance was achieved, also as improvement of decompensation of scoliosis and stability. These improvements affected gait stereotype positively.

**Conclusion:** The cooperation with patients suffering the postpoliomyelitic syndrome demands daily care of medical staff, and primarily, active approach of the patient is required – the patient should take part in sustaining, or even improving his medical condition.

**Keywords:** Case Study, Postpoliomyelitic syndrome, Poliomyelitis anterior acuta, physiotherapy