

## **Abstract**

**Title:** The case report of physiotherapeutic treatment of the patient with cancer multiplicity and brain metastases.

**Aims:** Aims of this thesis are to acquire theoretic knowledge about cancer multiplicity with brain metastases and to make case study of patient treated with cancer multiplicity with brain metastases, left-sided hemiparesis and cerebellar damage.

**Summary:** The thesis is composed of general part and special part. General part consisted of information about anatomical structures in central nervous system, characteristic of the diagnosis, how the disease develops, a symptomatology, examinations and a treatment of the disease. Special part includes the case study of the patient with cancer multiplicity and brain metastases, consequent stroke and cerebellar damage. The case study is composed of patient history, entrance/final kinesiological examination, short-term and long-term plan, the therapy and the evaluation of therapeutic effect.

**Keywords:** cancer multiplicity, metastases, physiotherapy, case report, stroke, cerebellum