

## **Abstract**

**Author:** Kryštof Voleský

**Title:** Case study of physiotherapy treatment of a patient with funicular myelosis

**Objectives:** Processing of theoretical base for diagnosis of funicular myelosis and elaboration of physiotherapy procedurs for patient with funicular myelosis.

**Methods:** This bachelor thesis was originated on ground of practice at Military university hospital Prague from January 14<sup>th</sup> to February 8<sup>th</sup>. At the time I was working with patient with diagnosis of funicular myelosis, he was hospitalized during my practice (to January 28<sup>th</sup>). The thesis is divided into two main parts – theoretical and special. The theoretical includes processed basic knowledge about the illness, characteristics, ethiopathogenesis, diagnostics, treatment, associated diseases and physiotherapy methods for diagnoses of funicular myelosis. Special part contains funicular myelosis patien's case concept, processes and effect of the therapy.

**Results:** The Patient made progress at several areas. Muscle strength, muscle shortening, range of motion, elimination of spasticity and verticalization got better.

**Conclusion:** This bachelor thesis achieved the stated goals. Specifically theoretical base was processed and physiotherapy procedurs were elaborated for the diagnosis. Results of therapy are also included in the end of the thesis.

**Keywords:** Funicular myelosis, pernicios anemia, acute gastritis, physiotherapy with funicular myelosis, spasticity, vitamin B12, damage of spinal cord, physiotherapy.