

## **Abstrakt**

### **Title:**

Casuistics of physiotherapy care for patient diagnosed with cerebellar lesion after a brain hypoxia

### **Goal:**

The goal of this work is data collection and processing of theoretical information on cerebellar ischemia and a preparation of casuistics of a patient with cerebellar hypoxia after heart attack.

### **Summary:**

My thesis deals with cerebellar hypoxia after leaving suffered from loss of heart as a result of heart attack. Thesis is divided in to parts. The first part, a theoretical one, describes anatomical and functional structure of the cerebellum, a brief description of ISCH and treatment options. This part also contains a description of rehabilitation methods used in patients with cerebellar syndrome.

The second part of my thesis, a practical one, is focused on a precise description of the work with the patient after having suffered from loss of cerebellar hypoxia, I have collaborated with on inpatient department of regional hospital in Kladno from January 5th to January 22nd, 2016. The practical part contains results of patient's examination in time of admision to hospital and in time of release from hospital and a description of individual therapeutical units (used methods, the progress of the therapy and the success of treatment).

### **Keywords:**

heart attack, cerebellum, rehabilitation