

## **Abstract**

### **Title:**

Physiotherapy case study of a patient with subarachnoid stroke

### **Objectives:**

The objective of this case study is to obtain and process with theoretical findings about anatomy, etiology and clasification of subarachnoid stroke, also the usage of diagnostic and therapeutic methods. The objective of a special part is elaboration of patient's casuistry with such a disease in connection with therapy proposal and its practical implementation.

### **Methods:**

This Bachelor thesis consists of 2 parts – general and special one. The general one contains teoretical knowledge about stroke which includes anatomy, etiology, clasification of stroke, risk factors with prevention, clinical symptoms, diagnosis and phisiotherapeutical approach.

The special part of this thesis is dedicated to casuistry of physiotherapeutical care of patient with stroke diagnosis. It contains of kineziological examination, short-term and long-term targets, therapy and the final physical examination. The conclusion of the special part describes the effect of the therapy carried out. This part has been compiled during my continuous professional working experience during 9th January until 3rd February 2017 at ÚVN in Prague.

### **Results:**

The patient's health condition was completely different before and after the therapy. She was improved in her part of muscle thews on „hemiparetical“ part of the body, as well as the active scope of body motion. The patient has also been progressed in postural stability when standing and walking. The improvement has even been evident with activity daily living (ADL).

### **Conclusion:**

The patient's rehabilitation has been very important part of her recondition. The progress has been recorded during the therapy persuant to the improvement of lost abilities/functions.

**Keywords:**

stroke, ischemia, therapy, physiotherapeutic methods, hemiparesis