

## **Abstract**

### **Thesis Name:**

Kazuistic physiotherapeutic care for patients after a vascular stroke

### **Aims:**

The purpose of this bachelor thesis is to process and then delineate theoretical and practical knowledge regarding diagnose of a vascular stroke and it's application on detailed kazuistic of a patient with mentioned diagnose.

### **Summary:**

This bachelor thesis is focused on ischemic vascular stroke of a female patient with side diagnosis of a Down syndrome. The thesis is compiled of two parts. Theoretical part describes definition of a vascular stroke, mechanisms of it's formation, the most important risk factors and the problematic of the most common displaying methods of a vascular stroke.

Theoretical part of the thesis also focuses on stadiums after vascular stroke, treatment, rehabilitation in both urgent and sub-urgent chronic phases and also on physiotherapeutic methods used in therapeutic treatment of patients with mentioned diagnosis. The conclusion of theoretical part of the thesis is focused on Down syndrome and its characteristics, pathologies and etiologies diagnosis of it.

Practical part of the thesis is focused on kazuistic physiotherapeutic care after patient after ischemic vascular stroke with left-sided hemiparasis. There is described complete kineziological analysis, process of therapy, final physical examination and the final evaluation of the effects of physical therapy. The empirical evidence was collected between 8. 1. and 2. 2. 2018, during daily practise in Ústřední vojenská nemocnice in Prague.

### **Key words:**

Vascular stroke, ischemia, arteria cerebri media, left-sided hemiparasis, Down syndrom, physiotherapeutic methods and treatment.