

## **ABSTRACT OF MASTER THESIS**

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### **Title of master thesis:**

*Evaluation of Occupational Therapy Intervention in Acute Inpatient Rehabilitation of Cerebrovascular Units*

### **Abstract**

This diploma thesis deals with the evaluation of occupational interventions on the specific separation of beds of early rehabilitation of the cerebrovascular center of the General University Hospital in Prague. The subject of interest is primarily the results of the assessment obtained through the Functional Independence Measure (FIM) and the Montreal Cognitive Assessment.

The thesis has two main objectives, namely mapping and analyzing the tools used to assess self-sufficiency and cognitive functions in the department. You can find the description of the evaluation tools in the theoretical part of the thesis. It is also an overview of the topic of the selected topic and a brief description of the system of cerebrovascular care in the Czech Republic.

The second objective was to evaluate variables such as length of hospitalization and cognitive status in relation to patient self-sufficiency at the end of hospitalization. Three hypotheses have been identified to meet this goal. The practical part describes the results of the used tools for a particular department. The research group consists of 84 patients who were evaluated using the above mentioned tests.

The results showed that FIM input test values are related to length of hospitalization. Furthermore, the length of hospitalization is related to the value of the FIM test difference. Analyzes of the obtained data confirmed the first and third hypotheses, at a significance level of 1 %.

### **Key words:**

Assessment in Occupational Therapy, Montreal Cognitive Assessment – MoCA, Functional Independence Measure – FIM, length of hospital stay, stroke