

## **BACHELOR THESIS ABSTRACT**

**Name, Surname:** Jana Stříhaková

**Supervisor:** Mgr. Bc. Jitka Sýkorová

**Title:** Occupational Therapy in Patient with Amyotrophic Lateral Sclerosis

### **Abstract:**

Amyotrophic lateral sclerosis (ALS) is a progressive, neurodegenerative and untreatable illness, which causes slow weakening of muscles leading to their atrophy. Condition of the patient is slowly deteriorating and it can lead from lowering self-sufficiency to complete dependency on personal care. Terminal stage of this disease leads most commonly to insufficiency of breathing muscles causing death of patient. For patients suffering from ALS is complex rehabilitation care is extremely important.

This bachelor thesis shows the important role of an occupational therapist during care for the patients with ALS. It describes possibilities of occupational therapy interventions and their differences considering, in which stage of the illness the patient is situated. This thesis is also specializing on the possibilities of using applicable assistive technologies and strategies in areas of activities of daily living, in a job or during leisure time activities. During the examination was used an evaluative scale ALSFRS-R, which evaluates functional condition of patients with ALS.

**Key words:** amyotrophic lateral sclerosis, occupational therapy, rehabilitation, activities of daily living, assistive technology