

## **Abstract**

**Title of thesis:** Sciatic nerve traction palsy after surgery

**Aim of thesis:** The aim of this bachelor's thesis is to look at the origin of peripheral palsy after a total hip replacement and to compile a detailed examination of a patient with sciatic traction palsy after surgery.

### **Method:**

In the first theoretical part of this bachelor's thesis I am following the problems associated with peripheral palsy after a total hip replacement, its etiology, risk factors, diagnosis and prognosis. Eventually, I focus on the rehabilitation treatment for peripheral paresis including physiotherapeutic methods and procedures.

The second specialized part is an examination of patient with sciatic traction palsy after a total hip replacement. This includes anamnesis, differential judgement, initial examination, short term physiotherapeutic plan, procedure of therapy, final examination, evaluation of therapy effects and long term physiotherapeutic plan. It also describes the processes used in three week's therapy of the patient at The Department of Rehabilitation and Physical Medicine in Ústřední vojenská nemocnice in Prague.

**Key words:** Sciatic nerve palsy after surgery, peripheral palsy, total hip replacement, rehabilitation treatments, physiotherapeutic methods and procedures.