

## **Abstract**

**Title:** The case study of a physiotherapeutical treatment of a patient with total hip arthroplasty

**Summary:** The aim of this thesis is to elaborate theoretical and practical knowledge of the physiotherapy care of patients with this diagnosis. The thesis is divided into two parts. The first general part is focused on anatomical and kinesiological description of the hip and issue of an osteoarthritis and the joint arthroplasty. The second part is a special part, in which is processed a case of a patient with total hip arthroplasty. This case report includes an input kinesiology analysis, a target of the therapy, a short-term and a long-term plan, a course of therapeutic units, an output kinesiology analysis and an evaluation of the effect of the therapy. The case was processed during a continuous professional practice in the Military University Hospital Prague at the Department of Physical Medicine and Rehabilitation in the period from 22th of January to 3rd of February 2015.

**Key words:** Hip joint, total hip arthroplasty, coxarthrosis, physiotherapy