

Abstract

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Title: Case report of physiotherapy care for a patient after total hip arthroplasty

Objective: The aim of this thesis is the theoretical processing of information regarding the diagnosis and creation of a case study of physiotherapeutic care in a patient after the implantation of a total hip arthroplasty.

Methods: The theoretical part consists of an introduction to the anatomy, kinesiology, and biomechanics of the hip joint, basic information on osteoarthritis and its treatment options, total hip arthroplasty, indications for surgery, surgical methods, and finally, I have included physiotherapeutic methods used in rehabilitation after total hip arthroplasty surgery. The special part contains the initial kinesiological examination, individual therapeutic units, the final kinesiological analysis, and an evaluation of the therapy's effect. I have tried to include current EBM findings into the theoretical part and discussion.

Results: During eight physiotherapy sessions, the patient experienced positive changes. The course of therapy was smooth and without any complications. A detailed description of these therapies results is provided in the "Evaluation of Therapy Effect" section.

Keywords: Physiotherapy, Total Hip Arthroplasty, Osteoarthritis, Joint Arthroplasty, Patient Case Study, Rehabilitation, Hip Joint.