

Abstract

Thesis title: Rehabilitation after Total Hip Replacement.

Aim: To examine and better understand the human hip joint, coxarthrosis, total hip replacement and the subsequent rehabilitation care.

This thesis consists of a case study (special part) and a theoretical part. The subject of the case study is a 71-year-old male patient who underwent a total hip replacement due to coxarthrosis and received physiotherapy after the surgery. The case study is composed of the anamnesis of the patient, and the details of the initial kinesiological examination, final kinesiological examination, and therapeutic procedures the patient underwent. The theoretical part contains basic theoretical knowledge, such as the anatomy and kinesiology of hip joint, clinical details of coxarthrosis, basics of total hip replacement, as well as some typical components of total hip replacement rehabilitation protocols.

The patient showed some improvements after the therapy program. The aim of this thesis has been achieved.

I began writing this thesis after my completion of an 80-hour clinical placement at the Revmatologický ústav (Institute of Rheumatology) in Prague, Czech Republic, during the period 4th February 2019 to 15th February 2019.

Keywords: coxarthrosis, hip osteoarthritis, hip replacement, hip endoprosthesis, physiotherapy, rehabilitation