

ABSTRACT

Author: Marcela Tichavská

Institution: Rehabilitation Clinic, Faculty of Medicine in Hradec Králové

Title: Kinesiotherapy and physical therapy of patients after the total hip arthroplasty

Supervisor: Mgr. Ivana Vondráková

Number of pages: 90

Number of attachments: 6

Year of defence: 2013

Keywords: Hip joint, total hip arthroplasty, kinesiotherapy, physical therapy

This thesis deals with the implantation of the total hip arthroplasty, the surgical treatment and especially rehabilitation. The first part is about theory. It focuses on anatomy of the hip joint and biomechanics. It describes types of the total hip replacements, types of surgery and indications, contraindications and potential complications. It includes also rehabilitation, with rehabilitation procedures and special methods used in kinesiotherapy of the hip joint replacement. In second part there are 2 case reports of patients after the total hip arthroplasty with short-term and long-term proposals of kinesiotherapeutic plan.