

Abstract

Title: Case study of the physiotherapeutic treatment of a patient after implantation of total hip replacement

Aim: The aim of this bachelor thesis is to analyse theoretical knowledge and practical skills associated with the diagnosis of aseptic necrosis of the femoral head and the physiotherapeutic methods used when working with a patient with a total hip joint replacement.

Summary: This bachelor thesis is divided into two parts. The general part was completed by research. It describes the anatomy and kinesiology of the hip joint. It then deals with aseptic necrosis of the femoral head and its treatment options. It maps various types of total hip joint replacements, operative approaches, indications, contraindications, and operative complications. A detailed description of physiotherapeutic care for patients with the diagnosis is also included. The second, specialised part, deals with the casuistry of a patient diagnosed with aseptic necrosis of the femoral head who has undergone total hip joint replacement. It includes the anamnesis, the entry kinesiological analysis, which served as the base for short and long-term therapy goals, the process of the individual therapeutic units, and the final kinesiological analysis. The second part concludes with the evaluation of the therapy results, in which the entry and final kinesiological analyses are compared.

Key words: physiotherapy, case study, hip joint, aseptic necrosis of the femoral head, total hip replacement