

Abstract

Title: Case study of Physiotherapeutic Treatment of a Patient with Total Endoprosthesis of the Knee Joint

Objectives: The main goal of my bachelor thesis is the case study of physiotherapeutic treatment of a patient with total endoprosthesis of the knee joint.

Methods: The specialized section contains completely processed case study of the patient with total endoprosthesis of the knee joint. It includes anamnesis, initial and final kinesiology analysis, shortterm and longterm treatment plan and seven individual therapies. Case study was done in rehabilitation hospital Beroun from 13. 1. 2020 till 7. 2. 2020.

Results: We reached the goals of improvement, especially in part of the knee joint with the total endoprosthesis. Range of motion of the operated knee is about 40° higher in direction of flexion and extension. Strength of the weakened muscles of flexors and extensors of the operated knee is also higher than it was in the beginning.

Keywords: knee joint, gonarthrosis, endoprosthesis, physiotherapy, osteoarthritis, treatment