

Abstract

Author: Martin Posejpal

Supervisor: Mgr. Svatava Neuwirthová

Title: Case Study of Physiotherapy Treatment of Patient with Cervicocapital Endoprosthesis of the hip joint

Objectives: Theoretical elaboration of proximal femur fractures and hip joint endoprosthesis problematic, summary of subsequent rehabilitation care, and elaboration of a case study of a patient after implantation of a cervicocapital endoprosthesis.

Methods: The bachelor thesis consists of a general part which, using literature, discusses the topic of proximal femur fractures and hip joint endoprosthesis. The special part consists of a case study of a patient with cervicocapital endoprosthesis. The special part includes a comprehensive initial kinesiological examination, description of the individual therapeutic units, an output kinesiological examination and an evaluation of the effect of therapy

Results: The final kinesiological examination confirmed that the therapies had a positive effect on the patient's health. The greatest improvement is seen in the increase in muscle strength in the right hip joint and the increase in range of motion. Another improvement is the reduction of swelling and the effect on the shortened muscles. These results prove that the therapies were effective.

Conclusion: During the rehabilitation program the patient attended a total of ten therapies. At the end, an outcome kinesiological analysis was performed, demonstrating an overall improvement in the patient's clinical condition after the implantation of a hip joint cervicocapital endoprosthesis

Key words: endoprosthesis, hip joint, fracture, proximal femur, case report, physiotherapy

