

Abstract

Title: Case Study of Physiotherapy Treatment of a Patient with the Diagnosis of Total Endoprosthesis of Hip

Název: Kazuistika fyzioterapeutické péče o pacienta s diagnózou totální endoprotéza kyčelního kloubu

Summary

The abstract of my study concerns the treatment of the case of a patient who had an operation of total endoprosthesis of hip on the right hip joint, caused by osteoarthritis. My practice was performed at Ústřední Vojenská Nemocnice.

My Bachelor Thesis is divided in two parts: 1) Theoretical part 2) Practical part.

The first part is the theoretical one which consists of a brief description of the anatomy, biomechanics and kinesiology of the hip which helps for better understanding of the mechanism of total endoprosthesis of hip. Additionally, description of the osteoarthritis which caused the operation is mentioned. Also there is information about every detail related to total endoprosthesis of hip.

On the other most important part of this thesis, the second part is the practical one which includes the anamnesis and the kinesiological examinations of the patient, after total endoprosthesis of hip caused by osteoarthritis. Then six physiotherapeutic sessions also were performed and all physiotherapeutic procedures are described in detail on a daily base. Additionally, final kinesiological examination was evaluated.

Finally in the evaluation of the effect of the therapy the improved results of the patient are mentioned and it is available for the reader to evaluate.

Key words: hip joint, osteoarthritis, total endoprosthesis, physiotherapy, range of motion, exercise.