Abstract

Title: Case report of therapeutic care of patient after total knee replacement.

Objectives: The aim of this work is to demonstrate both theoretical and practical information

to the subject of total knee replacement. Showing on one side the therapeutic care of patient

after total knee replacement and presenting on the other side the summary of theoretical

knowledge about the topic of knee joint and total joint replacements.

Methods: This study is divided into two main parts. The first part is theoretical and deals with

the subject of knee joint seen from the anatomical, kinesiological, biomechanical and

orthopedical perspective. Furthermore it contains basic information to the issue of knee

replacements, their most common indications, possible complications and subsequent

therapeutic methods and techniques after total knee replacement.

The second part is a special section which shows in detail a case report of therapeutic care

with patient after total knee replacement. It was established under the guidance of a private

healthcare facility MediCentrum Praha during my university-internship . The case report

includes patients anamnesis, an input kinesiology analysis, a short-term and long-term

therapeutic plan, a detailed description of the course of therapy, a resulting kinesiology

analysis and an evaluation of the effect of therapy.

Keywords: knee joint, gonartrosis, total joint replacement, physiotherapy