

Abstract

Title: Case study of physiotherapy treatment of patient after cervicocapital shoulder arthroplasty.

Objectives: The aim of this bachelor's thesis is a theoretical elaboration of proximal humerus fractures, shoulder arthroplasty and a summary of rehabilitation care of patients with this diagnosis. The aim of the practical part is the patient's case study after implantation of the cervicocapital shoulder arthroplasty.

Methods: The bachelor's thesis consists of theoretical and special part. The theoretical part is processed in the form of a literature search and discusses fractures of the proximal humerus and shoulder arthroplasty. The special part contains a case report of a patient with a diagnosis after implantation of a cervicocapital shoulder arthroplasty, which is based on practical cooperation with the patient during continuous practice. This section contains the input and output kinesiological examination, short-term and long-term therapy plan, daily record of the therapy and an evaluation of the effect of therapy.

Results: The final kinesiological examination, performed after a month of rehabilitation, showed a significant improvement in the patient's health. The biggest changes are noticeable in increasing the range of motion and muscle strength in the operated shoulder joint. The selected physiotherapeutic methods were effective.

Key words: cervicocapital arthroplasty, shoulder arthroplasty, fractures of the proximal humerus, shoulder, physiotherapy, case study