

Abstract

Title: Case of physiotherapeutic care of a patient with a diagnosis of reverse total endoprosthesis of the shoulder joint.

Objective: The main aim of this work is to summarize the theoretical knowledge about the shoulder joint and its reverse substitution. A part of the thesis includes a case-record of patient care with this diagnosis.

Methods: This bachelor thesis contains of two parts. The first part is focused on the theoretical knowledge of the shoulder joint, describing the anatomy of the bone structure, the muscular apparatus, the movements in the joint. Furthermore also kinesiology, instability in the shoulder, therapeutic methods and physical therapy.

The second - practical part shows the case history of a patient in a physiotherapeutic care during a clinical practice in the Medicentrum polyclinic in the period 29 January 2018 - 15 February 2018. During the practise, medical history was taken, followed by an initial examination and then proposing of a short-term and long-term plan. Description of the therapies is included. The patient was an outpatient who visited the clinic 2x - 3 times a week. The conclusion of the work ends with an overall assessment of the effect of the therapy.

Results: Techniques in therapy improved the problem and helped slowly approach the set goal. The range of motion in the right shoulder joint increased as well as the muscle strength of the weakened muscles in the area of the joint. Therapeutic care also helped coordinate the involvement of the right muscle groups and also alleviate swelling and redness of the right upper limb.

Key words: reverse total endoprosthesis, shoulder joint, shoulder luxation