

## **Abstract**

**Title:** Case study of physiotherapy care of patient after suture of the rotator cuff

**Aim:** The aim of this bachelor thesis is to introduce the issues relating to injury of the rotator cuff and following treatment. Another objective is detailed case study of patient after suture of the rotator cuff.

**Methodology of thesis:** The thesis is divided into two parts. The first (general) part focuses on anatomy, kinesiology and basics principles of biomechanics of the shoulder joint. Then I will deal with the most common indications for chirurgic treatment, eventually conservative treatment and following physiotherapeutic care. In the second (special) part includes detailed case study of patient after suture of the rotator cuff. This part includes patients medical history, input musculoskeletal assesment, description of therapeutic units and output musculoskeletal assesment including evaluation of therapy and achievements.

Special part was developped in CLPA in Vysočany. The outpatient attended therapies 2-3 times a week from 9.1. to 29.1.2016 in the morning. During therapies we managed to reduce swelling and pain of the operated joint, expand range of motion of the shoulder joint (flexion from 50° to 150°, abduction from 60° to 90°) and improve stereotype of abduction.

**Key words:** the rotator cuff, the shoulder joint, Neer operation, rupture, physiotherapy