

## **Abstract**

**Title:** Case study of physiotherapeutic treatment of a patient after Supraspinatus Tendon Rupture Surgery

**Aims:** The main aim of the bachelor's thesis is to provide a case study of physiotherapeutic treatment for a patient after arthroscopic surgery of the right shoulder joint for rupture of the supraspinatus tendon and evaluation of the effect of the therapy.

**Methods:** This bachelor's thesis was completed on the basis of continuous professional practice in MediCentrum Praha under the guidance of Mgr. Andrea Slukova. The practical part was taken there between 29.1. - 19.2.2021. An initial kinesiological analysis was prepared, a short-term and long-term plan was determined and a final kinesiological analysis was written to evaluate effect of the therapy. The patient completed nine therapeutic units over the period of three weeks, each lasting 30 minutes. Examination and therapeutic methods within the scope of bachelor's studies were applied in the case study.

**Results:** The therapy which the patient undertook had a positive effect proven by the final kinesiological analysis confirming improvement of her health. The most significant changes were achieved within the range of motion in the shoulder joint into flexion and abduction followed by significant reduction in pain.

**Key words:** case study, physiotherapy, physiotherapeutic treatment, surgery, arthroscopy, shoulder joint, supraspinatus muscle, rotator cuff