

## **Abstract**

**Title:** Case study of physiotherapeutic treatment of a patient after arthroscopic surgery of shoulder joint for impingement syndrome and subacromial bursitis

**Aims:** The main aim of the bachelor's thesis is to provide a case study of physiotherapeutic treatment of a patient after arthroscopic surgery of the right shoulder joint for impingement syndrome and subacromial bursitis

**Methods:** The bachelor's thesis was created on the basis of continuous professional practises at the Beroun rehabilitation hospital in the days from 10.01. – 04.02.2022 under the guidance Mgr. Marcela Kvapilová. The practical part was taken there consists of the initial kinesiological analysis, determination of short-term and long-term therapeutic plan and the final kinesiological analysis, where the final effect of therapy was evaluated. The patient completed ten therapeutic units over the period of three weeks, each lasting 30 minutes. Examination and the therapeutic methods within the scope of bachelor's studies were applied in the bachelor study.

**Results:** The therapy which the patient underwent had a positive effect due to his previous condition. The final kinesiological analysis showing and confirming improvement of patient's health. The most significant changes were achieved within the range of motion in shoulder joint into internal and external rotation, as well as into abduction and flexion followed by reduction in pain and release soft tissues, not only around the shoulder joint but also around the scapula. Movement stereotypes in the shoulder joint and the stability of the shoulder girdle have also improved.

**Key words:** case study, physiotherapy, physiotherapeutic treatment, arthroscopy, surgery, shoulder joint, impingement syndrome