

# Abstract

**Title:** Case Study of Physiotherapeutic Treatment of a Patient with the Diagnosis of Reverse Shoulder Endoprosthesis.

**Thesis aim:** The theoretical part of this bachelor thesis aims to understand the anatomy, biomechanics, and kinesiology of the shoulder joint and to consider the injury solution by reverse shoulder arthroplasty and subsequent rehabilitation. The practical part then aims to analyze the effect of therapeutic procedures applied to the patient.

**Method:** The theoretical part of this thesis was completed by literary research on the topic of the shoulder joint and specifically reverse shoulder arthroplasty. The practical part is based on a case study of a patient with this diagnosis. The case study is a product of my clinical work placement in Medicentrum Praha, a.s., where I had the opportunity to work with a patient for 10 consecutive therapeutic units. As part of the practical part of this thesis, a complex entry kinesiological examination was carried out along with a description of day-to-day therapy, a final kinesiological examination, and a subsequent summary and evaluation of the therapeutic effect.

**Result:** The cooperation between me and the patient lasted for 10 working days. During this time, the patient improved the range of motion in his shoulder joint, increased muscle strength, and gradually became more self-sufficient with the operated extremity. These results show that the therapeutic intervention was effective.

**Conclusion:** The therapies used were beneficial in the specific diagnosis of the patient.

**Key words:** shoulder girdle, reverse shoulder arthroplasty, rehabilitation, treatment, case study.