

## **Abstract**

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**Title:** Physiotherapy case report of a patient diagnosed with total knee arthroplasty

**Objectives:** The aim of this bachelor's thesis is to process theoretical knowledge, case studies and to record the effect of the performed therapy in a patient with a diagnosis of total knee arthroplasty.

**Methods:** The work has a theoretical and a special part. In the theoretical part, data collection from professional literature, professional articles and studies was used. In the special part, data collected as part of continuous professional practice at the Malvazinky Rehabilitation Clinic are used. The special part contains data collected by the input kinesiology analysis, therapeutic units and the output kinesiology analysis.

**Results:** The rehabilitation process, which is processed in a special part of the work, improved the patient's postoperative condition. In the operated knee joint, there was mainly a reduction in pain, an increase in the range of motion, a reduction in swelling and hematoma. Furthermore, there was an improvement in the walking stereotype.

**Keywords:** total endoprosthesis of the knee joint, rehabilitation, case report