

## **Abstract**

**Title of bachelor's thesis:** A case report of physiotherapeutic care of a patient after surgery for subtrochanteric chondrosarcoma.

**Objectives:** The objective of this thesis is a collection of theoretical and practical knowledge about chondrosarcoma and their application to a case study of patient, who is two years after the operation of chondrosarcoma on the proximal femur, where they have used a graft from the fibula bone on the right leg.

**Summary:** The bachelor's thesis is split into two sections: general section and a specific section. The general section describes the pathophysiology of overall tumours and then in each part the topic is narrowed down to just chondrosarcomas. It gives information about the epidemiology, etiologic, classification and clinical picture of a patient with chondrosarcoma. Also it describes a way to prevent, cure and a following rehabilitation. The specific section contains a case study of a patient, who suffered this illness and it has been two years after the operation. The sections include the input and output kinesiology analysis, short-term and long-term plan of a therapy, the design of the therapy, the description of course of individual therapeutic units and a final evaluation of the effect of the therapy.

**Conclusion:** The patient has successfully got rid of acute pain in the place of operation. The shortened muscles on the legs were stretched, the weakened muscles were strengthened and the patient went off with a good set of exercises to prolongate the effect of the therapy.

**Key words:** chondrosarcoma, tumour, physiotherapy, case study