

Abstract

Title: A case-study of physiotherapy treatment of a patient after a pertrochanteric fracture of the proximal right femur.

Thesis aim: This thesis aimed to evaluate the impact of physiotherapy approach provided to a patient who was diagnosed with a pertrochanteric fracture of the proximal right femur. The theoretical knowledge of the anatomical, etiological, and kinesiological basis of the pertrochanteric fracture, with further discussing the related physiotherapeutic approaches will be noted in the first part of the current thesis. Moreover, a second part will handle the practical physiotherapeutic approach to a patient who suffered from proximal right femur pertrochanteric fracture.

Clinical findings: This case study is evaluating the condition of a 74-year-old patient who underwent an osteosynthesis surgical procedure after experiencing a per trochanteric fracture of proximal right femur. The assessment took place 7 days post-surgery and illustrated a significant limitation of ROM on the operated side along with several musculoskeletal defects.

Methods: All methods and procedures mentioned in the current thesis were in adherence to the literature suggested by Charles University in Prague, Faculty of Physical Education and Sports.

Results: After 11 sessions of physical therapy there was a noticeable improvement in the patient's physical state

Conclusion: There was positive impact of the physiotherapeutic approach done to the patient.

Keywords: hip joint, right femur, injury, rehabilitation.