

Abstract

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Title: Case study of physiotherapy treatment of a patient diagnosed with pertrochanteric fracture

Objectives: This bachelor thesis aims to provide summary of theoretical knowledge of the pertrochanteric femoral fracture diagnosis and present case study describing physiotherapy during rehabilitation of a patient who suffered this type of fracture.

Methods: This bachelor thesis comprises of two parts. Part one is focused on providing theoretical knowledge regarding pertrochanteric femoral fracture diagnosis and related femoral traumatology. Part two is focused on rehabilitation of patient who suffered this fracture. Case study of this rehabilitation is based on internship in Thomayer Faculty Hospital during January and February 2022. It has four parts, initial kinesiological examination, records of underwent physiotherapeutical sessions, final kinesiological examination and evaluation on the effects of the therapy.

Results: Result of the physiotherapeutic procedures was general improvement of the patient across multitude of observed parametres, mainly: muscle strenght, joint mobility, soft tissue flexibility in observed areas and improved stabilisation abilities.

Conclusion: Influence of the chosen therapeutical approaches can be, with regard to observed parametres and patients stage of rahabilitation, seen as positive.

Keywords: proximal femoral fracture, femur, hip joint, case study, physiotherapy, rehabilitation