

ABSTRACT

Title: Case study of physiotherapeutic care of a patient with the diagnosis of dislocated comminuted fracture of femoral diaphysis in its middle third

Author: Veronika Schovancová

This baccalaureate thesis was designed as a case study at the Rehabilitation Clinic Malvazinky during my continuous specialized practice from Jan 23 – Feb 17, 2012. The thesis deals with the issues of physiotherapy for dislocated comminuted fracture of femoral diaphysis in its middle third after spongionasty; reposition and stabilization of the fracture using a splinting technique. The thesis is divided in two parts, general and special. The general part focuses on literature search-based description of fractures, their classification, conservative and surgical treatments, and healing of fractures. The fractures of femoral diaphysis are described in more detail – clinical image of this trauma, its prognosis, therapeutic approaches to the problem, and particularly physiotherapeutic and rehabilitation approaches. The special part is devoted to the case study of a patient with dislocated comminuted fracture of femoral diaphysis in its middle third suffered after falling off a horse, to complex kinesiological analysis of the patient, course of physiotherapeutic treatment using physiotherapeutic devices, and evaluation of the effect of the therapy.

Keywords: Lower limb fractures; femoral diaphysis fracture; physiotherapy