

Abstract

Title: Case study of physiotherapy treatment of a patient with the fracture of the distal radius

Objectives: The goal of this thesis is to summarize theoretical and practical information about fracture of distal radius, to peruse sources of this problems, proposing therapy and monitor its progress. Includes detailed case studies patient with a fracture of the distal radius.

Methodics: The literature search and the case study of this issue was proceeded within the practical experience (from 9th January 2012 to 3rd February 2012) in Oblastní nemocnice Kladno (Regional hospital Kladno). The first part of the work is concerned with the theoretical knowledge of anatomy and functional kinesiology of antebrachium and hand. Then describes the fractures of the distal antebrachium, their treatment and physiotherapeutic methods and examinations. The second part contains the case report which refers to the patient with the fracture of the distal radius, the treatment, the therapy and the pursuance of the curative effect.

Results: During the therapy, there was reduce swelling, pain reduction, effects of reflex changes, restore the joint play, increasing joint range, stretching shortened muscules and increase musce strenght in the right upper extremity.

Keywords: antebrachium, raduis, accident, fracture, physiotherapy