

Abstract

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Title: Case Study of Physiotherapy Treatment of a Patient Diagnosed with Distal Radius Fracture

Objectives: This undergraduate thesis is aimed to introduce basic information about the distal radius fracture and treatment options of this diagnosis. The practical part is aimed to compose case report of the patient diagnosed with distal radius fracture.

Methods: The thesis contains a theoretical part describing basic information about the structure and kinesiology of the forearm and hand, grips, fractures of the distal radius fracture and the treatment options for this diagnosis. The special part contains anamnesis, initial examination, description of therapy units, final examination and final evaluation of the therapy's effect. The case study was made during the continuous professional practice in CLPA in Prague 9 from 10.1.2022 to 6.2.2022

Results: Thanks to the therapies the weakened muscles strengthened and the wrist's and forearm's reduced range of motion increased. Also in the left forearm's and hand's area joint play restores, hypertonus released and swelling and pain decreased.

Keywords: Fracture, therapy, injury, forearm, hand