

**Title of bachelor's thesis:** Case Study of physiotherapeutic treatment of a patient with the diagnosis of fracture of distal part of radius and proximal part of humerus

**Methods:**

The aim of this bachelor thesis is to describe the problems of physiotherapeutic procedures of a patient with the diagnosis state after the fracture of distal part of radius and proximal part of humerus and to process a detailed casuistry of the patient with this diagnosis. The first part of the bachelor thesis is theoretical and is processed on the basis of the background research. Anatomy, kinesiology, biomechanics of shoulder, elbow, wrist and hand joints are included in the first part. Furthermore, it comprises types of fractures, their treatment and particularly the physiotherapeutic procedures which can have influence on the state. The second part of the thesis is specialized and is processed on the basis of the casuistry involving therapeutic procedures in the diagnosis state after the fracture of proximal part of humerus and distal part of the radius on the left. This part consists of eight therapeutic units which were undertaken ambulatory at the rehabilitative department in the regional hospital in Kladno. The conclusion of the specialized part of the thesis deals with the therapy effect evaluation.

**Key words:** Fracture, humerus, radius, physiotherapy, case report