

Simultaneous Dislocation of the Interphalangeal and Carpometacarpal Joints of the Thumb

Elbardai M*, Admi M, Essekal M and Boutayeb F

Department of Orthopedic Surgery and Traumatology 'A', University Hospital Hassan II FES

Image Article

Volume 1 Issue 3

Received Date: May 03, 2017

Published Date: May 09, 2017

***Corresponding author:** Mohamed El Bardai, Faculty of Medicine and Pharmacy Sidi Mohammed Ben Abdellah

University Fes, Morocco. Tel : 00212610983576 ; Email: mohamedelbardai@gmail.com

Introduction

It is rare to encounter cases of simultaneous dislocations of two joints of a finger. We report a case of simultaneous dislocation of the interphalangeal and carpo-metacarpal of an inch with a normal metacarpophalangeal joint.

A young engineer of 30 years right-hander laterality was admitted to the emergency after a sports accident, falling on his right hand with a thumb in hyper extension during a football game, complained of pain, Deformity and functional disability of his right thumb.

On examination, there was a visible dorsal dislocation of the carpo-metacarpal (CMC) and interphalangeal (IP) joints of the thumb without cutaneous opening or vasculonervous disorder. Radiological examination revealed a pure double dislocation of the CMC and IP joints of the first finger.

Under locoregional anesthesia and brightness amplifier control a closed focus reduction supplemented by a double broaching of the two dislocations using Kirschner 12/10 pins was made.

Control radiographs confirmed the reduction and absence of associated fracture. Postoperatively, the hand was held in a thumb splint.

After six weeks, the patient was seen and the pins were removed under local anesthesia. Functional rehabilitation was started

At three months, the joint amplitude balance showed a flexion at 70° for the CMC and 70° for the PI, an active extension at 0° for the CMC and the PI, without pain or residual laxity.

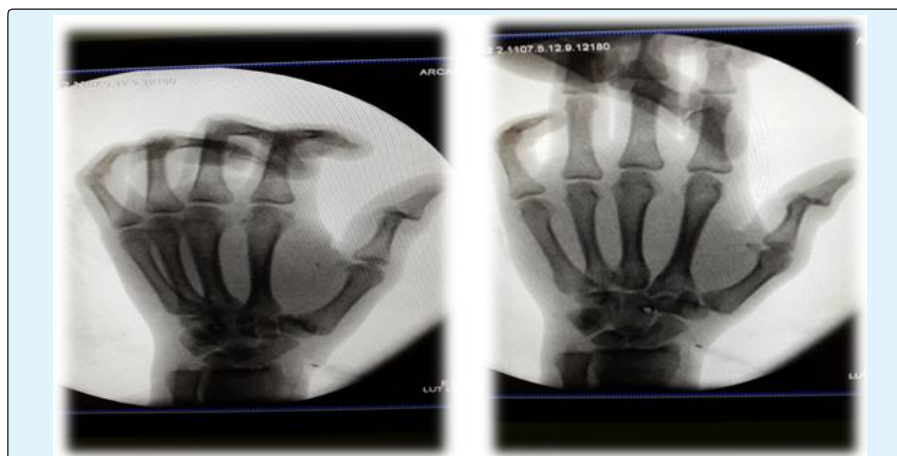


Figure 1,2: Pure double dislocation of the CMC and IP joints of the first finger.

