

12, 4, 1999 11

The Journal of the Korean Society of Fractures
Vol.12, No.4, November, 1999

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= Abstract =

Axial-Ulnar Fracture-Dislocation of the Carpus - A Case Report -

Ho-Rim Choi, M.D., Sang-Seon Lee, M.D.,
Chi-Won Lee, M.D., Sung-Jun Han, M.D., Won-Tae Choi, M.D.

Department of Orthopaedic Surgery, Sun General Hospital, Tae-jon, Korea

Axial dislocation of the carpus is a rare injury, and it usually is caused by crush mechanism in industrial fields. We experienced a case of axial-ulnar fracture-dislocation of the carpus which was treated by open reduction and internal fixation with K-wires and external fixator fixation.

Key Words : Carpus, axial dislocation, axial-ulnar fracture-dislocation

: Ho-Rim Choi, M.D.
Department of Orthopaedic Surgery, Sun General Hospital
10-7, Mok-dong, Jung-ku, Tae-jon 301-070, Korea
Tel : (042) 220-8867, 8860
Fax : (042) 256-7246
E-mail : hrchoi@sunhospital.com.





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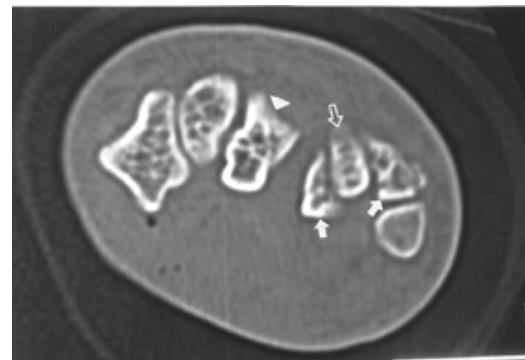


Fig 2. CT radiograph shows widening of capitate and hamate distance. Hamate is incarcerated between fractured triquetrum. (arrow head; capitate, open arrow; hamate, two arrows; triquetrum)

(Fig. 2).

(transtriquetral-

perihamate axial-ulnar dislocation)

3 · 4

5cm 가

K-

(Fig. 3).

3 · 4

5mm

6

8

12

(Fig. 1).

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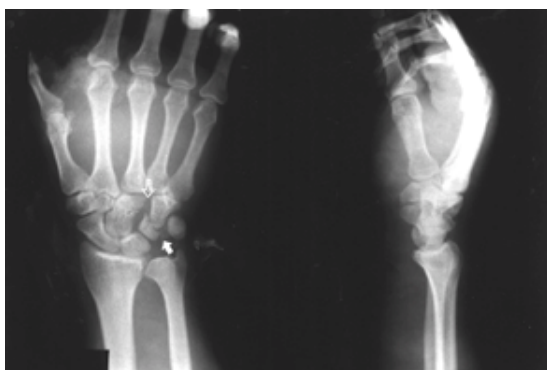


Fig 1. Initial radiograph shows transtriquetral (arrow), perihamate(open arrow) axial ulnar dislocation.



Fig 3. Postoperative radiograph shows reduced hamate and triquetrum with K-wires and external device fixation.



K-wire
50 °, 60 °, 60 °
(Fig.4).



Fig 4. One year follow-up radiograph shows degenerative change of distal radio-ulnar joint.

. 1
45 °

1,2,5)
(carpal arch)

1).

가

1,2).

1).

1

Cooney

1) “ axial-loading dislocation ”

1,4).

1,2,4).

1).

(dorsopalmar)

1,4).

1989 Garcia-Elias 1,2)

1,2,4-6).

Elias 1,2)

1970

1987

18

1140

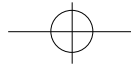
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1,2).

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