

언어구분	KOR	논문구분	원저/구연	논문분야	골절
논문제목	갈고리 금속판을 이용한 원위 요골 골절과 동반된 원위 척골 골절의 고정				
영문제목	Distal Ulna Hook Plate Fixation for Unstable Distal Ulna Fracture Associated with Distal Radius Fracture				
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**서론 :** The significance of distal ulna fractures is often undermined, which can result in inadequate treatment compared with its larger counterpart, the radius. However, there is little guidance in the current literature on how to manage distal ulna (head or neck) fractures and intra-articular ulna head fractures in particular. Therefore, the purpose of this retrospective study was to evaluate the outcomes of distal ulna hook plate fixation for the treatment of unstable distal ulna fracture associated with distal radius fracture.

**재료 및 방법 :** The significance of distal ulna fractures is often undermined, which can result in inadequate treatment compared with its larger counterpart, the radius. However, there is little guidance in the current literature on how to manage distal ulna (head or neck) fractures and intra-articular ulna head fractures in particular. Therefore, the purpose of this retrospective study was to evaluate the outcomes of distal ulna hook plate fixation for the treatment of unstable distal ulna fracture associated with distal radius fracture.

**결과 :** All the patients achieved satisfactory reduction and bony union by the final follow-up. The final average motion was as follows: wrist flexion, 72° (range, 60°–85°); extension, 69° (range, 65°–80°); pronation, 77° (range, 55°–95°); supination, 82° (range, 65°–90°); ulnar deviation, 35° (range, 15°–50°); and radial deviation, 24° (range, 10°–40°). Postoperative grip strength averaged 28 kg (range, 22–30 kg), and was 91% (range, 71%–100%) in the cases in which the dominant hand was affected and 80% (range, 65%–100%) in the cases in which the non-dominant hand was injured. The average postoperative modified Mayo wrist score and Disabilities of the Arm, Shoulder and Hand score was 87 (range, 65–100 points) and 14 (range, 0–54 points), respectively. Chronic instability of the distal radioulnar joint was not encountered in any of the patients.

**결론 :** Our study demonstrates that distal ulna hook plate fixation for the treatment of unstable distal ulna fractures can achieve healing with good alignment, satisfactory function, and minimal transient morbidity.

**acknowledgment :**

Distal ulna fracture, open reduction, distal ulna hook plate.