
언어구분	KOR	논문구분	원저/구연	논문분야	수부
논문제목	저급(low grade)의 개방성 골절과 폐쇄성 원위 요골 골절에서 전방 금속판 고정 후 결과에 대한 비교 연구				
영문제목	A comparative study on outcomes of low grade open and closed distal radius fractures following volar plate fixation				
발표자	박상두	책임저자	김재광		
저자	김재광, 김종오, 윤여현, 박상두				
기관명	이대목동병원 정형외과				

서론 : A low grade (Gustilo and Anderson type I and II) open distal radius fractures (DRFs) can be treated by volar locking plate fixation. The purpose of this study was to compare the functional and radiographic outcomes of low grade open and closed DRFs after volar locking plate fixation.

재료 및 방법 : A low grade (Gustilo and Anderson type I and II) open distal radius fractures (DRFs) can be treated by volar locking plate fixation. The purpose of this study was to compare the functional and radiographic outcomes of low grade open and closed DRFs after volar locking plate fixation.

결과 : The incidence of complications was not significantly different between groups. A split thickness skin graft was necessary in one patient with a type II open fracture, and prolonged finger stiffness occurred in this patient. At 3 months postoperatively, wrist flexions and extensions, grip strengths, and DASH scores were significant better in the closed fracture group. However, no significant difference was observed between the two groups in terms of any functional outcome measure at 1 year postoperatively. Furthermore, no significant inter-group difference was found for any radiographic parameters or for arthritic change at 1 years postoperatively.

결론 : Volar plate fixation for low grade open DRFs provides a safe and reliable treatment option. Long term outcomes of low grade open DRF were found to be comparable with those of closed DRF as long as volar plate fixation was applied.

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개방성 골절, 원위 요골 골절, 전방 금속판
