
언어구분	KOR	논문구분	원저/구연	논문분야	견주관절
논문제목	해부학적 봉합이 불가능한 광범위 회전근개 파열에서 돼지 동결건조 진피 이종이식제를 이용한 관절경적 복원술의 결과				
영문제목	The Results of Arthroscopic Repair of Irreparable Massive Rotator Cuff Tears Using Porcine Dermal Xenograft				
발표자	이지민	책임저자	천상진		
저자	천상진, 이지민				
기관명	부산대학교 의학전문대학원 정형외과학 교실				

서론 : Our purpose was to assess the short-term results of arthroscopic repair of irreparable massive rotator cuff tears by use of a porcine dermal xenograft(Permacol™).

재료 및 방법 : Our purpose was to assess the short-term results of arthroscopic repair of irreparable massive rotator cuff tears by use of a porcine dermal xenograft(Permacol™).

결과 : There were 7 men and 3 women with a mean age of 64.9 years(range, 53 to 72 years). At a mean follow-up of 18.9 months(range, 14.9 to 22.4 months). The mean UCLA score increased from 15.5 preoperatively to 30.2 postoperatively ($p < 0.05$). The mean Constant score improved from 59.9 to 83.9 ($p < 0.05$) and the mean ASES score improved from 58.5 to 85.3 ($p < 0.05$). Magnetic resonance imaging at follow-up showed healing in 3 patients(30%). There were no significant differences between healing group and retear group in size of the tear, degree of muscle atrophy, smoking, use of steroids, reduced acromiohumeral distance and postoperative rehabilitation protocol.

결론 : Arthroscopic repair of irreparable massive rotator cuff tears by use of a porcine dermal xenograft is associated with improved clinical outcome in most patients. But MRI demonstrated high rate of partial or full rupture with breakdown of the implant. It should be used to repair irreparable massive rotator cuff tears in a few selected cases. This treatment option requires more information from larger studies.

acknowledgment :

Irreparable Massive Rotator Cuff Tear, Arthroscopic Repair, Porcine Dermal Xenograft, Permacol
