

언어구분	ENG	논문구분	원저/구연	논문분야	견주관절
논문제목	회전근 개 치유를 촉진하기 위한 유도재생막의 조직학적 및 생역학적 효용성				
영문제목	The Histological and Biomechanical Effect of Guided Tissue Regeneration Membrane in Rotator Cuff Healing in Rat				
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증례 (or 수술술기) : Rotator cuff tissue is known to have incompetent biologic healing potential. A number of efforts have been made to enhance regeneration after rotator cuff repair. We attempted to apply a novel artificial polymer to rotator cuff and investigated if it would provide the evidence to promote healing process in terms of histologic findings as well as biomechanical strength of cuff repairs over time. Our hypothesis was that guided tissue regeneration (GTR) membrane based on polycaprolactone (PCL) show evidence of promoting the healing process of rotator cuff repair improve rotator cuff tendon-healing from histological and biomechanical stand point.

acknowledgment :

Shoulder , Rotator cuff, Tissue regeneration