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언어구분	KOR	논문구분	원저/구연	논문분야	슬관절
논문제목	외측 동종 반월상 연골 이식술에서 골가교의 회전이 이식물의 돌출에 미치는 영향				
영문제목	<b>The effect of the rotation of the bony bridge or keyhole on extrusion of transplanted lateral meniscal allograft</b>				
발표자	최남홍	책임저자	최남홍		
저자	최남홍, 최정기, 오종석				
기관명	노원을지병원, 초이스 정형외과				

**서론** : In previous study, the amount of extrusion was correlated with the position of the bony bridge of the lateral meniscal graft. However, oblique placement of the bony bridge or keyhole can occur. The hypothesis was that rotation of the bony bridge or keyhole of the lateral meniscal allograft can affect extrusion of the midbody.

**재료 및 방법** : In previous study, the amount of extrusion was correlated with the position of the bony bridge of the lateral meniscal graft. However, oblique placement of the bony bridge or keyhole can occur. The hypothesis was that rotation of the bony bridge or keyhole of the lateral meniscal allograft can affect extrusion of the midbody.

**결과** : The average center of bony bridge or keyhole of the meniscal allograft were positioned at 40.4% (range, 32.5% – 49.1%, SD=3.7%) from the outer edge of the lateral tibial plateau with respect to the entire tibial plateau. The mean extrusion of meniscal allografts was 2.5 mm (range, 0 mm - 5.3 mm, SD=1.4 mm). The mean  $\alpha$  between the ML and BL was 2.6° (range, -16.5° - 15.1°, SD=6.9°). Linear regression analysis showed a statistically significant inverse relationship between position of the bony bridge or keyhole with degree of the extrusion of the midbody of the lateral meniscal allograft ( $P=.000$ ). However, there was no relationship between rotation of the bony bridge or keyhole with degree of the extrusion of the midbody.

**결론** : Rotation of the bony bridge or keyhole of the lateral meniscal allograft did not affect extrusion of the midbody.

**acknowledgment :**

extrusion, bony bridge, key-hole, lateral meniscal allograft transplantation

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