

언어구분	KOR	논문구분	원저/구연	논문분야	고관절
논문제목	대퇴 골두 무혈성 괴사에 있어서 전자간 회전 골절술과 근육경 골이식술 병합치료에 대한 중기 결과 보고.				
영문제목	<b>The midterm results of a combination surgery of a transtrochanteric rotational osteotomy and a muscle pedicle bone graft for the treatment of osteonecrosis of the femoral head.</b>				
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서론 : The aim of this study was to evaluate the results of a combination surgery of a transtrochanteric rotational osteotomy (TRO) and a muscle pedicle bone graft (MPBG) for the treatment of osteonecrosis of the femoral head.

재료 및 방법 : The aim of this study was to evaluate the results of a combination surgery of a transtrochanteric rotational osteotomy (TRO) and a muscle pedicle bone graft (MPBG) for the treatment of osteonecrosis of the femoral head.

결과 : The average HHS was 85.2 points among the surviving 46 hips at the final follow-up. Excellent clinical results were obtained in 18 hips(30.0%), good in 22(36.6%), fair in 5(8.3%) and poor in 1(1.7%). Fourteen hips(23.3%) were converted to a total hip arthroplasty. The head collapse arrest observed in 37 hips(61.7%), clinical end-point survival rate was 75% and radiographical survival rate was 65%. Excluding ARCO stage 4 of 13hips, the head collapse arrest observed in 33 hips(70.2%), clinical end-point survival rate was 78.7% and radiographical survival rate was 74.4%.

결론 : The midterm result of combination of TRO and MPBG was satisfactory even in advanced cases. Although this technique is difficult to perform, it is recommended particularly for young patients with ARCO stage 2 and 3, and some selective patients with stage 4.

**acknowledgment :**

osteonecrosis, transtrochanteric rotational osteotomy, muscle pedicle bone graft

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