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논문제목 고관절 감염 후유증과 발달성 고관절 이형성증에 의한 고도의 고관절  
탈구에 대한 인공관절 전치환술의 결과 비교  
영문제목 **The Comparative Results of THA in high dislocated hip in  
septic hip sequelae versus developmental dysplasia of the hip**  
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서론 : The purpose of this study is to compare the clinical and radiographical results of total hip arthroplasties(THAs) with subtrochanteric osteotomy which were performed in high dislocated hip due to sequelae of septic hip or developmental dysplasia of hip(DDH).

재료 및 방법 : The purpose of this study is to compare the clinical and radiographical results of total hip arthroplasties(THAs) with subtrochanteric osteotomy which were performed in high dislocated hip due to sequelae of septic hip or developmental dysplasia of hip(DDH).

결과 : In perioperative parameter including blood loss, hemoglobin level, there are no significant difference between two groups. In clinical evaluation, mean HHS at the last follow-up improved from 42.4 to 84.2 in septic hip group and from 46.3 to 85.0 in DDH group without significant difference. But in comparison of the two groups in 'limp' categories, 8.6 points in septic hip group and 9.9 in DDH group. The mean leg lengthening and time to greater trochanter union was 36.5 mm, 3.7 months in septic hip group and 38.6 mm, 3.5 months in DDH group. In both groups, no femoral component showed subsidence of more than 3 mm and filling of the femoral canal by the prosthesis was excellent in all cases. No hip had a complete radiolucent line of thickness > 2 mm.

결론 : Total hip arthroplasty using subtrochanteric osteotomy produced satisfactory clinical and radiological results and there is no significant difference between two groups.

**acknowledgment :**

High dislocated hip, septic hip sequelae, developmental dysplasia of the hip, total hip arthroplasty, subtrochanteric osteotomy

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