

언어구분 ENG

논문구분 원저/구연

논문분야 소아

논문제목 LCP병에서 대퇴골 외반 절골술 후 슬관절에서의 기계적 축 변화

영문제목 **Change of mechanical axis in the knee after valgus femoral osteotomy in Legg-Calve-Perthes disease**

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증례 (or 수술술기) : Femoral valgus-flexion osteotomy(VFO) can be chosen as a treatment for patients with Legg-Calve-Perthes disease (LCPD) to correct hinge abduction, improve joint congruity, increase the weight-bearing surface and establish better biomechanics. However, in growing child, VFO without adequate lateralization can shift the mechanical axis laterally and diseases having avascular necrosis of femoral head can cause coxa vara. These conditions result in progressive genu valgum. The purpose of this study was to evaluate the effect of lateralization of the distal fragment of the femur on the mechanical axis of the lower leg when VFO performed in LCPD.

acknowledgment :

LCP disease, Mechanical axis change, Valgus osteotomy
