A twenty-five-year-old woman with residual deformity after Legg-Calvé-Perthes disease in the right hip. Anteroposterior radiograph, made at the time of presentation, showing acetabular dysplasia with asphericity of the femoral head and a high-riding greater trochanter (left). The arrows show the anterior extrusion of the aspherical portion of the femoral head. Radiograph made after a concomitant periacetabular osteotomy and surgical hip dislocation with trimming of the femoral head-neck junction and relative lengthening of the femoral neck was performed (center). Radiograph made ten years postoperatively, showing an excellent clinical result (right).

Axial cross-table radiographs of the proximal part of the femur in the right hip of a twenty-nine-year-old female patient with developmental dysplasia, showing a decreased femoral head-neck offset (arrow) in the preoperative radiograph (left) and after the decreased offset was corrected through an arthrotomy (arrow) as seen in the postoperative radiograph (right).