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Complex primary total hip arthroplasty: A review of few cases in civil service hospital

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Nowadays total hip arthroplasty (THA) has been considered to be a gold standard treatment for both primary and secondary arthritis of hip joint. Its indications and practical application to the patients are beyond discussion. With development of recent advances and techniques, different kinds of complex primary and revision arthroplasty have been performed smoothly. Complex primary total hip arthroplasty has been indicated in different conditions like developmental dysplasia of hip (DDH), neurological diseases like meningocele, spastic hemiplegia and Parkinson's disease, severe coxa vara, rheumatoid arthritis with significant acetabular protrusion, acetabular dysplasia, ankylosis due to heterotrophic ossification, arthrodesis of hip joint, congenital bowing of proximal femur, bone dystrophies like osteopetrosis, Paget's disease and failed internal fixation of proximal femur. We performed different cases of complex primary total hip arthroplasty in our hospital out of which some cases were mentioned. There was one case of bilateral simultaneous hip arthroplasty in protrusion of acetabulum (Rheumatoid arthritis) with bone grafting, one case of failed internal fixation of intertrochanteric fracture by reconstruction of proximal femur, one case of DDH by reconstruction of acetabulum and proximal femur, one case of bilateral protrusion acetabulum with bone grafting and lateralization of hip joint and another case of severe acetabular dysplasia with acetabular reconstruction. All of them have good functional results without any undue complications. However, long term follow-up reports are to be awaited.

Biography

Kapil Mani K C is currently working in Civil Service Hospital, Department of Orthopedics Minbhavan, Kathmandu as an Orthopedic Registrar since July 2011. After 2013, he is acting as an Assistant Professor as well as Orthopedic and Joint Replacement Surgeon. He is actively involved to attend the patients in OPD and Emergency department as well as to perform the operations in routine and emergency basis every day. Besides, he is involved in teaching and learning activities in the hospital.

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