

POLIOMYELITIS SURVIVOR WITH INTER-TROCHANTERIC FEMUR FRACTURE TREATED WITH INTRAMEDULLARY DEVICES: A CASE REPORT

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Introduction: Poliomyelitis is a crippling and potentially deadly infectious disease, fall and subsequently fractures are common in these patients, thus management of fracture fixation for these patients can be challenging. We present a case of inter-trochanteric femur fracture in post-poliomyelitis survivor patient, which treated with only short proximal femoral nail.

Discussion: Fracture fixation in poliomyelitis patients is a challenging job, challenges including altered bony anatomy, narrower intramedullary canal, and paralytic hips. Various methods of fixation were existed in literature such as cannulated hip screws, dynamic hip screws, intramedullary nails or even hip replacement. Careful consideration is needed to determine the ideal implant for a stable fixation. Our patient was successfully treated with short proximal femoral nail with good outcome.

Conclusion: Stable fracture fixation methods with a short proximal femoral nail can be used in treatment of inter-trochanteric fractures of a poliomyelitis survivor's affected limb.