

CASE REPORT

SEGMENTAL FRACTURE OF PROXIMAL SHAFT FEMUR OF POLIO AFFECTED PARALYTIC LIMB TREATED WITH 95 DEGREE ANGLED PLATE FIXATION BY MIPO TECHNIQUE

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ABSTRACT: Subtrochanteric fractures extending below lesser trochanter are always difficult to treat and their higher incidence of unsatisfactory results are noted after operative treatment. There are various implants available for fixation but in this study we did 95 DEG ANGLED PLATE FIXATION BY MIPO TECHNIQUE

KEYWORDS: Segmental fracture, paralytic limb, MIPO technique.

INTRODUCTION: In subtrochanteric fractures restoration of femoral length and rotation and correction of femoral head and neck angulation to restore adequate abductor tension and strength are essential to restoring maximal ambulatory capacity.¹

CASE REPORT: 40 YEAR OLD MALE PRESENTED WITH H/O OF HIGH ENERGY TRAUMA WITH POLIO AFFECTED PARALYTIC LIMB.



PRE OPERATIVE XRAY SHOWING SEGMENTAL FRACTURE OF PROXIMAL SHAFT RT FEMUR WITH 8MM MEDULLARY CANAL

Options available for Fixation:

- Recon nail.
- Intramedullary nail.
- Proximal femur locking plate.
- 95 degree angle blade plate by mipo.

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PROCEDURE: Fracture is segmental involving lesser trochanter with 8mm narrow medullary canal intramedullary nailing is not possible,² so we preferred 95 DEG ANGLED PLATE FIXATION BY MIPO TECHNIQUE.



Post OP X-ray

Advantages of Angle Blade Plate Fixation by Mipo Technique³:

- It is very strong implant.
- Blade of the plate gives very strong fixation.
- No fracture hematoma disturbance and biological fixation due to mipo technique.⁴
- Can be put in those patients whose fracture line extends upto greater trochanter, where recon nail fixation is not possible.
- Can be put in patients with narrow medullary canal.

CONCLUSION: There are many techniques available but none provide good fixation and stability, 95 degree angle blade plate by mipo technique is next best option of high energy trochanteric subtrochanteric fractures that are unfit for nailing because of narrow medullary canal or fracture involving entry point.^{5,6}

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RESULTS:



Post Op x-ray after 2 months showing good sign of union without any complication

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