

A Sound Man Is Good At Salvage, At Seeing Nothing Is Lost: Proximal Femur Replacement In Fail Intramedullary Nails

¹M Hafizuddin AS; ² M Azhar A

¹Department Of Orthopedic, Hospital Sultanah Bahiyah.

INTRODUCTION:

The elderly with osteoporosis who have complex and unstable proximal femur fracture patterns have an increased risk of failure following fixation. Given that of the intricacy of the new fracture and the patients' general state of fragility, treatment poses challenges for the surgeons. PFR can be an effective first-line therapy for elderly osteoporotic patients with catastrophic intramedullary nail failure and high-grade bone loss in the proximal femur region. We report a case of elder patient with catastrophic internal fixation failures treated with proximal femur replacement(PFR).

REPORTS:

An 88-year-old woman with an underlying history of hypertension and a left proximal femur fracture treated with an interlocking nail came to the orthopedic clinic complaining of pain in her left hip after another slip and fall. . The X-ray shows non-union over the proximal femur fracture, failure of the interlocking nail, and a new neck of femur fracture.(Figure 1)

After considering several surgical options, including proximal femur nail and total hip arthroplasty with cable plate, the patient's course of therapy was agreed to be PFR. Intraoperatively was uneventful. Following surgery, the patient recovered and was able to stand and walk using a walking frame. The postoperative radiograph was great. (figure 2).



Figure 1:

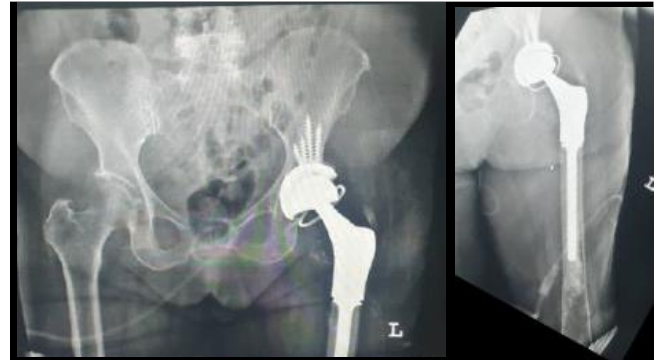


Figure 2:

CONCLUSION:

This case demonstrates a dilemma in surgical strategy with regard to the patient factor and condition. A Conventional arthroplasties are frequently excluded in cases of catastrophic event in favor of more complicated reconstructive techniques like resection arthroplasties and the use of allograft prostheses composite. PFR is an intriguing treatment option since it is technically less demanding and allow early mobilization. In summary, using a PFR seems to be a desirable option for elderly patients who have failed internal fixation for proximal femur fractures.

REFERENCES:

1. Innocenti, Matteo & Guido, (2021). Proximal femoral replacement: A salvage treatment of cephalomedullary nails' mechanical failures in the elderly population. Injury. 52. 10.1016/j.injury.2021.04.038.