

RECON PLATING OF GREATER TROCHANTERIC FRACTURE: IS IT TOO MUCH?

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INTRODUCTION:

A fracture of greater trochanter is an infrequent type of femoral intertrochanteric fracture. The gluteus medius and gluteus minimus are abducent muscle groups with attachments located on the greater trochanter. Thus, a fracture of the greater trochanter could cause avulsion injury of these attachment.

REPORT:

A 28 years old male, alleged motor vehicle accident and complain of pain of bilateral hip & left waist. On examination, tenderness & reduced range of motion of bilateral hip. Distal pulses palpable and good circulation. Plain radiograph showed fracture of right acetabulum & left iliac wing.

In operation theater, patient was placed in supine position with appropriate paddings support, under general anesthesia. Bilateral ankle was hanged at the edge of table, for easy access to an image intensifier. Pelvic region was cleaned & draped. Incision was made at direct lateral of left hip. Fracture site reduced & hold with pointed reduction clamp & k-wires. Recon plate was inserted. The reduction was confirmed with intraoperative image intensifier.

Patient was strictly on non-weight bearing wheelchair. Patient was referred to physiotherapy for bilateral hip range of motion.



Figure 1: Pre-operative radiograph



Figure 2: Post-operative radiograph

CONCLUSION:

There has been great controversy about management of greater trochanteric fracture. This technique can restrict damage to the surrounding soft tissues, decrease complications, and promote good clinical results.