



Neglected neck of femur fracture: Valgus intertrochanteric osteotomy, rigid internal fixation and cortical bone grafting": Forgotten but useful technique

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ABSTRACT

Nonunion of fracture neck of femur is still a formidable surgical challenge. We hereby report a case of 23-year-old male who presented to us 6 years after trauma with a fracture neck of the femur with 7 cm shortening. In view of his young age, we treated the patient by a combination of valgus osteotomy, rigid internal fixation with angle blade plate, and fibular bone grafting after putting the patient on heavy skeletal traction to achieve the length. At 27 months follow-up, there was a bony union at the fracture site, osteotomy site and a good functional outcome. Though this technique of valgus osteotomy and bone grafting was proposed long back, there are very few studies which assess its usefulness in fracture nonunion of the neck of the femur.

KEYWORDS

Avascular necrosis, fibular grafting, neck of femur, nonunion, valgus intertrochanteric osteotomy