

## OPEN REDUCTION AND INTERNAL FIXATION OF NECK OF TALUS: A CASE REPORT

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**Introduction:** Fractures of talar neck are rare and serious injuries and frequently seen in multiply injured and poly-trauma patient and challenge to the surgeon. In addition talus has unique structure with special characteristic tenous blood supply, fracture of talar neck association with dislocation can lead to avascular necrosis (AVN).

**Discussion:** Open reduction and internal fixation (two cannulated screw inserted) ,was done within 12 hours. Intraoperative finding noted talar bone dislocated from both subtalar and tibiotalar joint, compression fracture at neck of talar bone. Following a 6-week period of not weight bearing ambulation and gentle active exercise of ankle. Patient began to ambulate in wheel chair, due to patient also sustain (Closed fracture proximal one third left femur). During continuation follow up noted range of motion ankle full, assessed dorsiflex and plantar flex

**Conclusion:** Fracture of the talar neck are always associated with high energy trauma. Conservative treatment, close reduction and casting which higher chances lead to avascular necrosis and loss ankle function. Early intervention, reduction and stable fixation provide the best biomechanical environment for revascularization and reduce incidence of avn and malunion.