

A RARE CASE OF CLOSED TOTAL TALUS DISLOCATION IN HTAN: A CASE REPORT.

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Introduction: Total talus dislocation is a rare injury and is commonly associated with fractures, either malleolar fracture or talus fracture. Common worrisome complications are infection, avascular necrosis and post-traumatic arthritis. We reported a case of a patient who sustained a closed total talus dislocation following fall from a horse ride. Despite multiple closed manual reduction attempts, unable to reduce the dislocation and proceeded with open reduction and ligament repair. Early reduction, tissue repair and immobilization of the ankle joint will contribute to good recovery and lower the risk of avascular necrosis and post- traumatic arthritis.

Discussion: We present a case of a 32-years-old young lady who had fall from a horse-ride and awkwardly landed on the left ankle. Complained of severe pain and deformity over left ankle following fall and unable to bear weight. No other injury involved elsewhere. Examination of left ankle revealed swollen and deformed with bruises and prominent bony protuberance over medial aspect of the ankle joint. Neurovascular integrity was not compromised. Radiographs confirmed a total talus dislocation with associated posterior malleolus fracture. Despite multiple trial of closed manual reduction, unable to reduce the dislocation and proceeded with open reduction. Intra-operative finding noted Total Talar Dislocation with deltoid ligaments tear and minimally displaced posterior malleolus. Open reduction, ligament repair and arthrotomy washout done. Patient ankle was immobilized with backslab and peri-operative IV antibiotic given. The patient was reviewed back in clinic at follow up intervals of 2 weeks, 1 month and 6 months to assess for any early wound breakdown or infection and later stage assessment for avascular necrosis and post-traumatic arthritis.

Conclusion: Total talus dislocation is a rare injury and is commonly associated with fractures. Common complications are infection, avascular necrosis and post-traumatic arthritis. Further discussion on common complication and latest advancements in treatment of talus related injury.