

Cervical Spinal Osteotomy for Treatment of Post-Traumatic Fixed Spinal Deformity

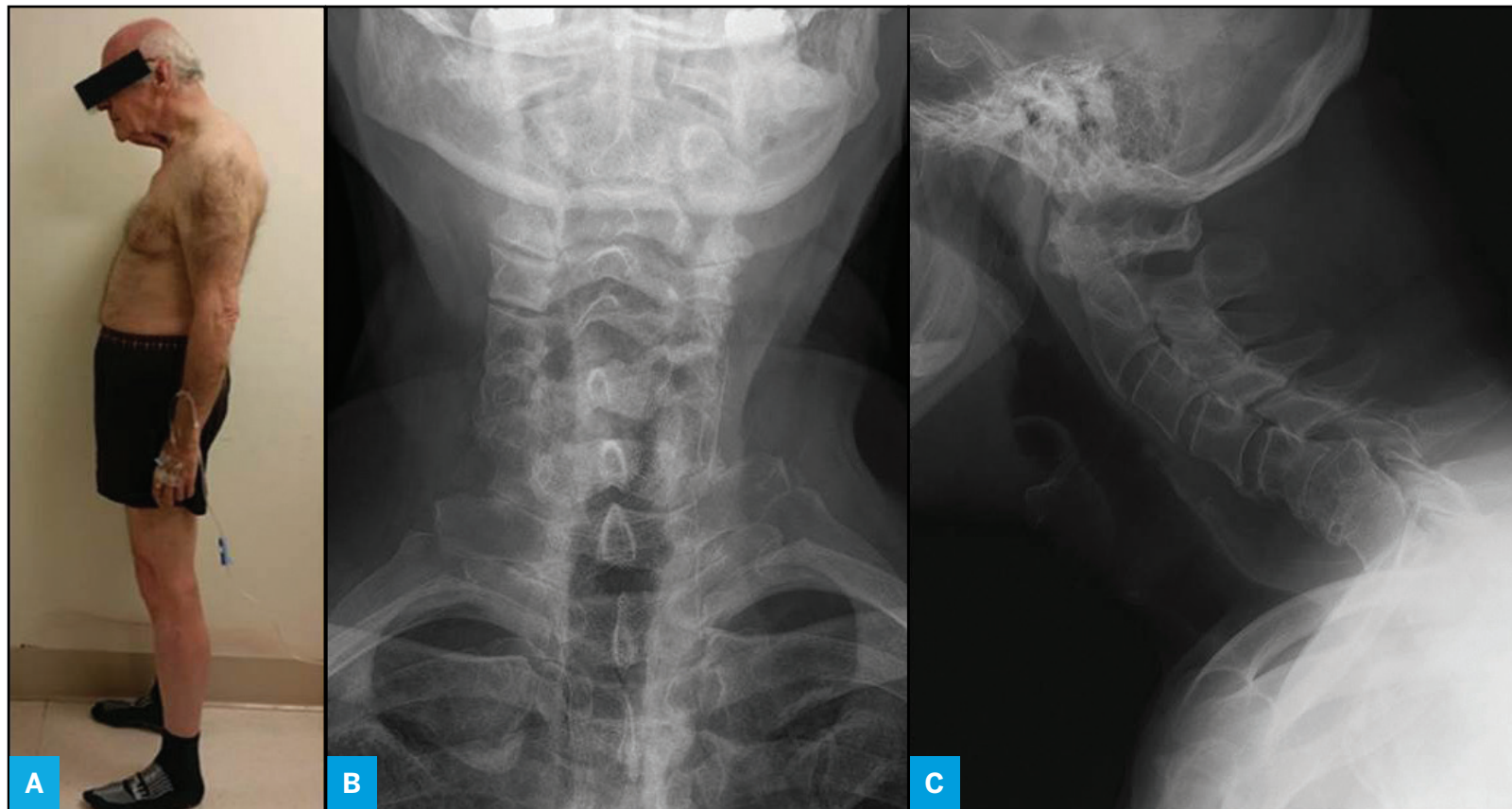


Figure 1: Clinical photograph (a), anterior-posterior and lateral radiographs demonstrating post-traumatic kyphotic cervical spine deformity (b and c).

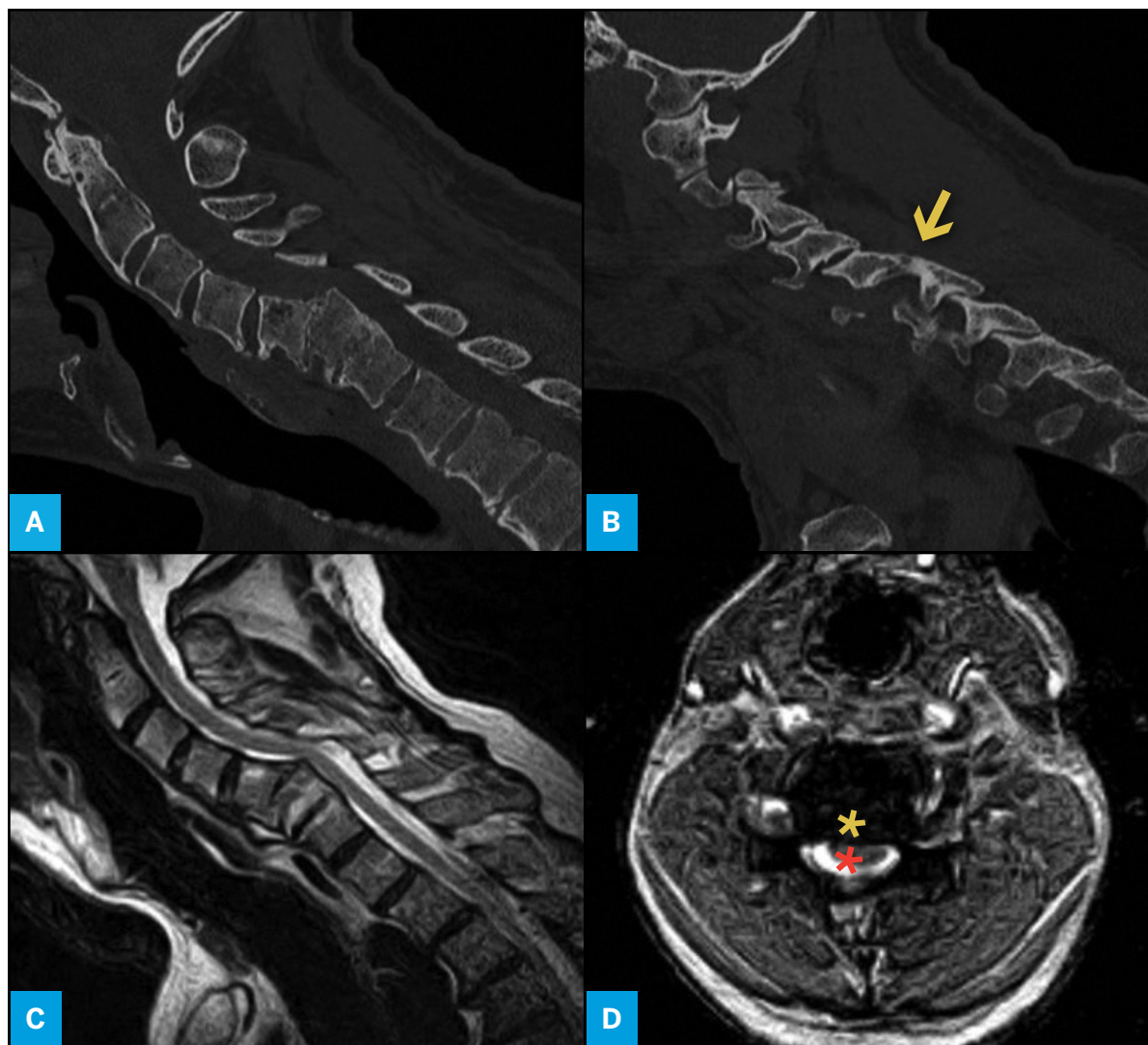


Figure 2: Sagittal CT demonstrating C5-C6 listhesis, and fusion anterior across C5-C7 (a), as well as fusion across the posterior elements at C5-C6 (b, arrow). Sagittal MRI demonstrating cord draped over deformity (c) and axial MRI at the apex demonstrating loss of ventral CSF signal and abutment of the cord (red asterisk) against the bony apex of the deformity (yellow asterisk) (d).

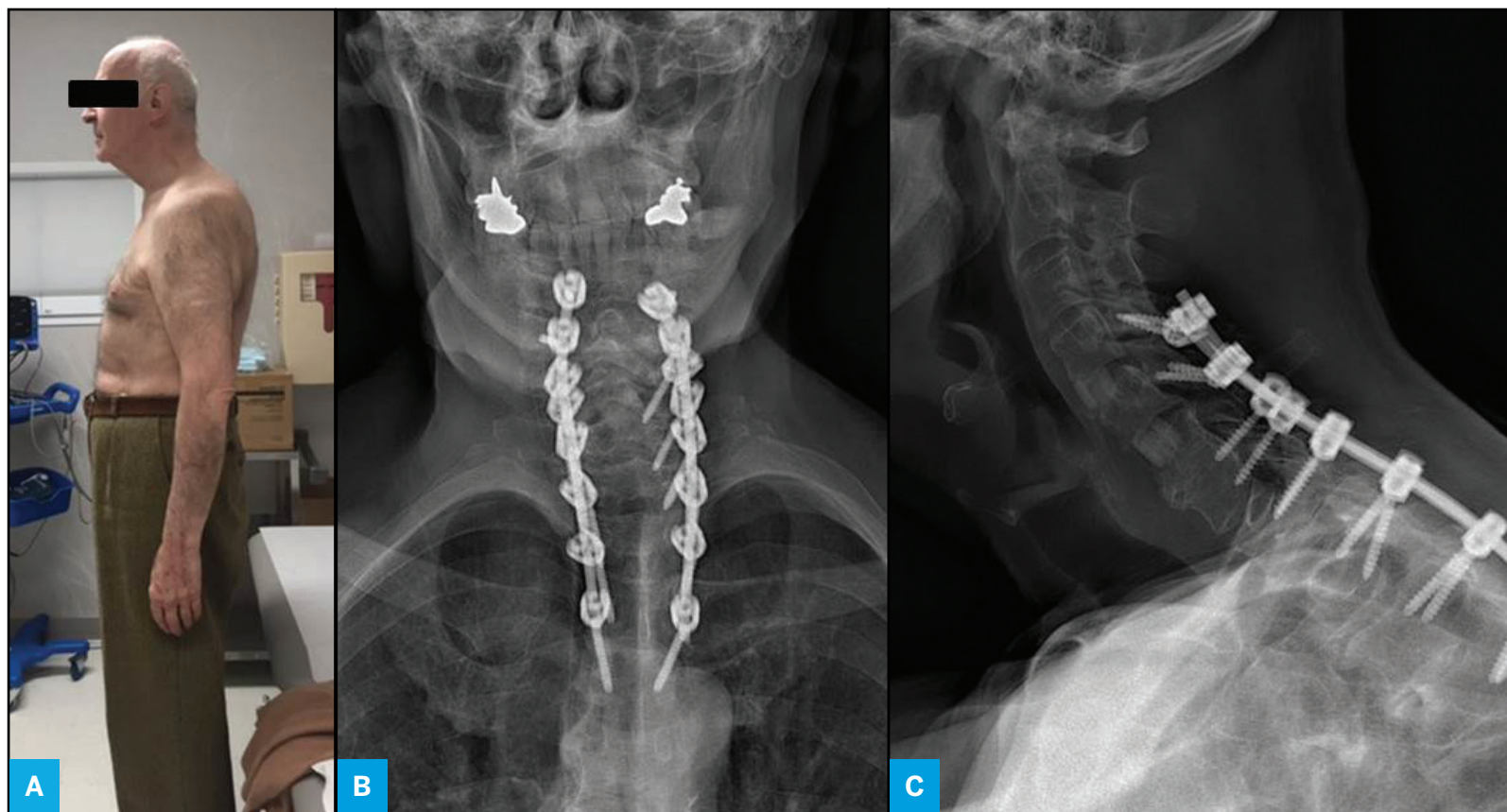


Figure 3: Postoperative clinical photo demonstrating improvement of the deformity and restoration of horizontal gaze (a). Postoperative radiographs (b and c).