

Case Report: Odontoid Fracture Anderson and D'Alonzo Type II Associated with Central Cord Syndrome

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Abstract: Patient presented with paraparesis of the arm after sustaining a motorvehicle accident. X-Ray Cervical showed type II odontoid fracture. Tetraparesis has been reported to be associated with fracture of axis and/ or atlas and acute CCS has rarely been associated with the fractures. However, this case illustrated patient with central cord syndrome associated with odontoid fracture. MRI of the cervical spine has revealed lesion consistent with the acute central cord syndrome at C2-C3 level. Treatment with galle method has shown lower fusion rate than screw rod construct. Patient underwent posterior atlantoaxial fusion with screw rod construct and was discharged with a good neurological improvement.

Keywords: Central cord syndrome, Fracture Dislocation, Dens fracture, skull traction, atlantoaxial fusion.

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