

MR Cervical Spine - Craniocervical Junction Trauma

Last Updated: 12/2025

Name	Plane	Sequence	Slice	Gap	FOV	Scan Range
3-Plane Localizer	Ax, Sag, Cor					
3D PD	Sag w Ax & Cor recons	3D PD CUBE/SPACE	1 mm	0 mm	9	Midclivus to C2-3
SAG T1	Sagittal	T1 FLAIR	3 mm	0.3 mm	28	Pons to T4
SAG T2	Sagittal	T2 TSE	3 mm	0.3 mm	28	Pons to T4
SAG STIR	Sagittal	T2 TSE STIR	3 mm	0.3 mm	28	Pons to T4
AX T2	Axial	T2 TSE	3 mm	0.3 mm	12	C1 to T1
AX T2* MERGE/MEDIC	Axial	T2* MEDIC/MERGE	3 mm	0.3 mm	12	Clivus to T1

Notes:

- 3D PD CUBE/SPACE through craniocervical junction with 3-plane recons.
- Place saturation band over neck in front of esophagus

Images:

- SAGITTAL - Plan on coronal plane, angle parallel to spinal cord, cover pons to T4 (see Figures 1, 2, 3)
- AXIAL - Plan on sagittal plane, angle perpendicular to the spinal canal, cover C2-T1 (see Figures 4, 5, 6)

Figure 1:

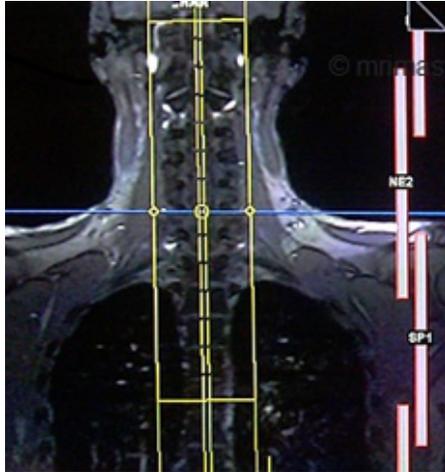


Figure 4:

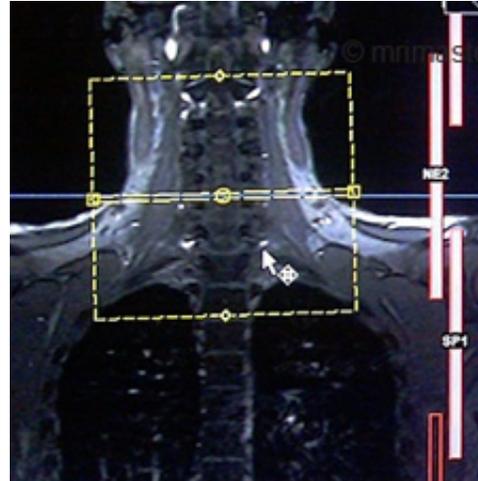


Figure 2:

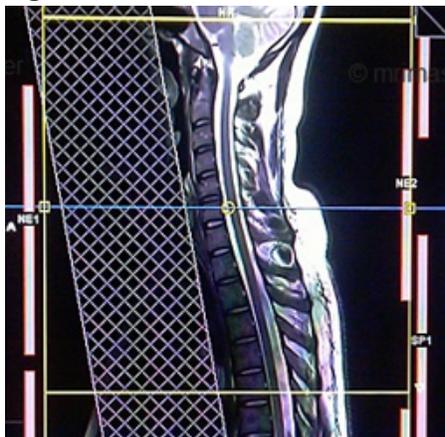


Figure 5:

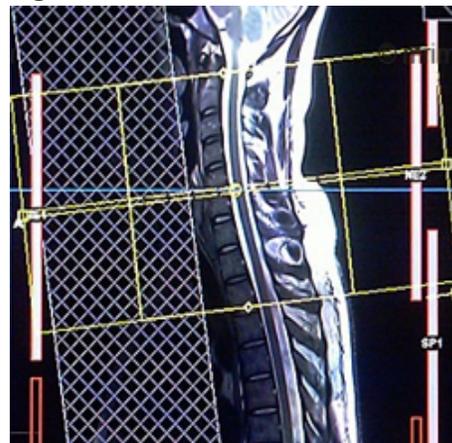


Figure 3:

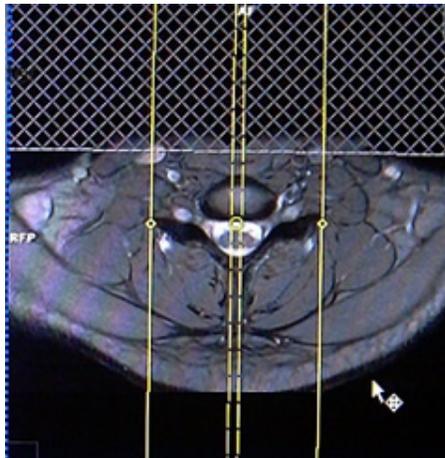


Figure 6:

