

Exam: Toshiba Aquillion One
Indications: Cervical
Scout: Pain, FX,
 AP & Lateral - None
 Landmark: Eye Line
 0.0 – 600.0
 Scan above C1 to T3
 kV 120, mA 50(AP) kV 120, mA 100(Lat)

Scan:
 Helical/Axial Helical
 kVp 135
 mA SureExposure
 Rotation Time 0.5 sec
 DFOV 16.0
 CFOV Small
 Thickness 0.5x80
 Helical Pitch 51.0
 PitchFactor 0.637
 Sure Exp 3D HighQuality

Recon:

Axial1	On	Axial2	On
SureIQ	Spine, Bone	SureIQ	Spine, Cervical
Thickness	1.0mm	Thickness	1.0mm
Interval	1.0mm	Interval	1.0mm
WindowWidth	2200	Window Width	350
WindowLevel	650	Window Level	50
FC35		FC09	
AIDR3D	On	AIDR3D	On
Transfer	PACS	Transfer	PACS

Multiview1 On
 SureIQ Spine, Bone
 Thickness 1.0mm, Cor & Sag
 Interval 1.0mm, Cor & Sag
 WindowWidth 2200
 WindowLevel 650
 Rendering Average
 Transfer PACS

Variations

1. Post OP Fusion- SEMAR Protocol (Use SEMAR protocol and scan normally)

Tech Steps

CT Cervical

1. Zero at the Eye Line for Scout Image
2. **Scan 1:**
Non-contrast images of the Cervical Spine C1-T3

Contrast:

IV: N/A
Amount: N/A
Inj. Rate: N/A
Inj. Delay: N/A
PO: Per Radiologist Protocol

Reading Pool/Images

1. CT Neuro Pool
2. Send Images to PACS

MergePACS

1. Scout Images
2. Cervical Axial
3. COR and SAG