

**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:**

<b>Axial1</b>	On	<b>Axial2</b>	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