

Quantum Imaging and Therapeutic Associates

Thoracic Outlet Syndrome – Toshiba Aquilion One / 64

Indications	Known or suspected thoracic outlet syndrome.
Position / Landmark	Supine / Top of shoulders
Scan Type	Helical
Start / End Locations	Top of shoulders / carina
FOV	38 cm (or as small as feasible)
kV / mA	120 kV / Sure Exposure
Slice Thickness/Interval	3 mm x 3 mm
IV Contrast Volume / Rate	Scan 1: 80 cc Omni 350 @ 4.5 cc/s Scan 2: 40 cc Omni 350 @ 4.5 cc/s
Scan Delay / Sure Start	Scan 1: ROI trigger in descending aorta at LV, 180 HU Scan 2: 20 seconds after second contrast bolus
Oral Contrast	None
MPR	Coronal and sagittal 3 mm x 3 mm, coronal MIP
Images to PACS	Scouts, axial soft tissue, axial lung, MPR
Comments / Special	Scan 1: arms up over head Scan 2: arms down at sides Injection site should use arm opposite the side of interest