

Quantum Imaging and Therapeutic Associates

Temporal Bones – Toshiba Aquilion One / 64

Indications	Trauma, hearing loss, cholesteotoma
Position / Landmark	Supine / outer canthus of eye
Scan Type	Helical
Start / End Locations	1 cm below mastoids / 1 cm above petrous apex
FOV	Bilateral: 20 cm (or as small as feasible) Unilateral: 10 cm (or as small as feasible)
kV / mA	120 kV / Sure Exposure
Slice Thickness/Interval	Bilateral: 3.0 mm x 3.0 mm Unilateral: 1.0 mm x 1.0 mm
IV Contrast Volume / Rate	None
Scan Delay / Sure Start	N/A
Oral Contrast	None
MPR	Coronal bone 1.0 mm x 1.0 mm L, coronal bone 1.0 mm x 1.0 mm R
Images to PACS	Scouts, axial soft tissue 3.0 mm x 3.0 mm, axial bone 1.0 mm x 1.0 mm L, axial bone 1.0 mm x 1.0 mm R, MPR
Comments / Special	After scouts there should be five data sets, including bilateral temporal bone soft tissue windows, then separate left and right axial bone windows and separate left and right coronal bone windows.