

# Quantum Imaging and Therapeutic Associates

## Brain CTA – Toshiba Aquilion One / 64

Indications	CoW aneurysm, arterial stenosis
Position / Landmark	Supine / outer canthus of eye
Scan Type	Helical
Start / End Locations	Noncontrast: Skull base / vertex CTA: C3 / vertex
FOV	Noncontrast: 25 cm (or as small as feasible) CTA: 18 cm
kV / mA	120 kV / Sure Exposure
Slice Thickness/Interval	Noncontrast: 5 mm x 5 mm CTA: 1 mm x 1 mm
IV Contrast Volume / Rate	75 cc Omni 350 @ 4 cc/s
Scan Delay / Sure Start	Noncontrast: N/A CTA: Manual trigger when ICAs are visible at C2.
Oral Contrast	None
MPR	Noncontrast: coronal and sagittal 5 mm x 5 mm CTA: coronal and sagittal 1 mm x 1 mm; axial, coronal, and sagittal 20 mm x 2 mm MIP
Images to PACS	Scouts, axial noncontrast brain, axial CTA, MPR
Comments / Special	1. Noncontrast can be omitted if performed earlier as a separate exam. 2. If ordered as part of LVO Alert, send axial, coronal, and sagittal images to PACS prior to processing MIPs.