

Quantum Imaging and Therapeutic Associates

Abdomen/Pelvis CTA (GI Bleed)– Toshiba Aquilion One / 64

Indications	GI bleeding
Position / Landmark	Supine / Xiphoid
Scan Type	Helical
Start / End Locations	1 cm above diaphragm / lesser trochanters
FOV	38 cm (or as small as feasible)
kV / mA	Noncontrast: 100 kV / Sure Exposure CTA: 120 kV / Sure Exposure
Slice Thickness/Interval	Noncontrast: 5 mm x 5 mm Arterial phase: 2 mm x 2 mm Portal venous phase 2 mm x 2 mm
IV Contrast Volume / Rate	75 cc Omni 350 @ 4 cc/s + 50 cc NS chaser
Scan Delay / Sure Start	Noncontrast: N/A Arterial: Sure Start ROI in aorta at celiac artery Portal venous: 40-60 s after first scan (70-90 s total)
Oral Contrast	None
MPR	Coronal and sagittal noncontrast 5 mm x 5 mm, coronal and sagittal arterial and portal venous phases 2 mm x 2 mm, volume rendering of vessels in 15 degree intervals
Images to PACS	Scouts, axial noncontrast soft tissue, axial arterial and portal venous phases soft tissue, MPR
Comments / Special	Any leds should be removed from the vicinity of the abdomen prior to scanning.