

CTA for Acute GI Bleed Guideline

Indications: Acute gastrointestinal (GI) bleeding

Oral Contrast: None

IV Contrast: Yes (See [MRG Contrast Media Administration Policy](#));

Amount: 100-125ml

Injection rate: 4.0ml/sec

Scans: (1) Pre-contrast

(2) **Arterial delay:** Tracking at proximal abdominal aorta
(attenuation coefficient=150 HU)

(3) **Portal Venous delay:** 60 seconds after beginning of
arterial phase

Series	(1) Pre-contrast	(2) Arterial delay	(3) Portal Venous delay
Positioning	Supine, feet first	Supine, feet first	Supine, feet first
FOV	Patient size	Patient size	Patient size
Axial Reconstruction: Thickness/ Interval/ Algorithm	1.0mm/ 1.0mm/ Soft	1.0 mm/1.0mm/ Soft	(1) 1.0mm/ 1.0mm/ Soft (2) 2-3 mm/2-3mm/ Sharp
Start Location	Above highest dome of the diaphragm	Above highest dome of the diaphragm	Above highest dome of the diaphragm
End Location	Through inferior-most bony pelvis	Through inferior-most bony pelvis	Through inferior-most bony pelvis
Gantry Angle	None	None	None
Reformations: Thickness/ Interval/ Algorithm	None	(1) Coronal 2mm/1mm/Soft (2) Sagittal 2mm/1mm/Soft (3) Coronal MIPs 10mm/2.5mm/Soft	(1) Coronal 2mm/1mm/Soft (2) Sagittal 2mm/1mm/Soft
Phase of Respiration	Inspiration	Inspiration	Inspiration