

CTA GI Bleed 01/13/2025

CTDI: <25 mGy per acquisition

PT Preparation:

Setup: Supine, AP Scout from above the diaphragm through the ischial tuberosities

DFOV: Appropriate for patient's body habitus

Scan Parameters:

Non-Contrast

1. Scan from above the diaphragm through the ischial tuberosities

Late- Arterial Phase

1. Scan from above the diaphragm through the ischial tuberosities
2. IV Contrast at the discretion of the Radiologist
 - a. 1.5 mL/kg body weight of 320-370 mg iodine /ml non-ionic contrast **(Not to exceed 150ml)** @ a rate of 4 ml/sec
 - b. Followed by up to 50 ml normal saline @ a rate of 4 ml/sec
3. In order to obtain imaging in the appropriate phase please follow the steps below
 - a. First step is to set a pre-defined bolus-trigger of 150 HU
 - b. Second step is to place an ROI in the abdominal aorta and add a delay of 12 seconds
 - The goal is to start the scan 12 seconds after the ROI has reached 150 HU

Delay ~ 150 seconds post arterial phase

1. Scan from above the diaphragm through the ischial tuberosities

PACS Series:

- Topogram
- 5x5 Non-Contrast Axial
 - 1.25x1.25 Non-Contrast Coronal MPR
- 1.25 x 1.25 Arterial Axial
 - 1.25 x 1.25 Arterial Coronal MPR
 - 1.25 x 1.25 Arterial Sagittal MPR
 - 10 x 1.25 Arterial Thin MIP Coronal
 - 10 x 1.25 Arterial Thin MIP Sagittal
- 5x5 Delay Axial
 - 1.25x1.25 Delay Coronal MPR