

CTA Abd/Pelvis Post Endo 16 Emotion

Indications	Mesenteric Ischemia, Acute GI bleed, Post-Endograft or Vascular Surgery																																										
Diagnostic Task	Detect aneurysms, aortic dissections																																										
Scan mode	Helical																																										
Position/Landmark	Head or feet first-Supine inspiration																																										
Topogram	AP 25mA 110kV																																										
kVp/Reference mass	120kv mas/Care Dose ON/100kv if pt under 140lbs																																										
Rotation time/pitch	0.6/pitch 0.85																																										
Detector Configuration	16x1.2																																										
Table Speed/Increment	16.32																																										
Dose reduction	CareDose 4D																																										
Allowed CTDI ranges*	7mGy-50mGy																																										
XR29 Dose Notification value	50mGy																																										
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Scan start/End location	Hepatic dome Symphysis pubis-femoral artery 40cm decrease appropriately																																										
DFOV																																											
IV contrast volume/type	<200lbs 100ml 200+lbs 125ml isovue 370 4-5ml/sec																																										
Scan delay	Bolus Tracking in aorta T-12 level Trigger is +100HU																																										

Patient size	weight(kg)	weight(lbs)	CTDIvol(mGy)
SMALL	50-70	110-155	4-10
AVERAGE	70-90	155-200	8-16
LARGE	90-120	200-265	14-22

NOTE* *The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso is 50mGy. Dose Notification levels less than the AAPM recommended can be set. The maximum CTDI vol should match the dose notification value. Exams with CTDI vol values less than the minimum

allowed range should not be performed unless approved by a radiologist.
