

INDICATION		AAA, Possible dissection, pre-endovascular repair, vascular malformation, Mesenteric Ischemia, Stenosis, SMA disease						
POSITION / LANDMARK		Supine / Xiphoid						
START/END LOCATIONS		Above diaphragm through lesser trochanters of the femurs						
CONTRAST PARAMETERS		100cc Isovue370, 4cc per second along with saline flush						
RESPIRATORY PHASE		Inspiration						
SCAN DELAY		Smart prep - track in aorta						
SCAN TYPE		Helical						
	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
	120	Smart mA 50-560	0.5	0.984:1	39.37	20	30%	
TECHNIQUE		Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images.						
Scans								
Series #	Series	Body Part	DFOV	Thick/Space	Algorithm	Notes		
1	Loc					AP/Lat		
2	Source data	Adb/Pel	36	2.5x2.5	STND	w/o contrast		
3	Source data	Adb/Pel	36	2.5x2.5	STND	Arterial – Smart prep in descending aorta		
4	Source data	Adb/Pel	36	2.5x2.5	STND	Venous – 70 sec delay		
Recons								
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes		
2	AX	Abd/Pel	5x5	Lung		without		
3	AX	Abd/Pel	1.25x0.625	STND		Do not send to PACS, use for recons		

*Please note, recons are displayed as thickness X spacing



CTA ABDOMEN/PELVIS

GE Revolution

Approval:, A. Quiroz-Casian MD
rev:2

05/12/2026

AX 1.25x0.625	COR	Abd/Pel	2x2	STND		Arterial
AX 1.25x0.625	SAG	Abd/Pel	2x2	STND		Arterial
AX 1.25x0.625	COR MIP	Abd/Pel	20x10	STND		Arterial
4	COR	Abd/Pel	2x2	STND		Venous
4	SAG	Abd/Pel	2x2	STND		Venous

2D / 3D Processing

Source: Axial with 2.5x2.5 standard window

1. MIP and VR rotation – rotate 360 with 36 images

Series required in PACS

Loc, Dose Report, Source data, ALL recons, ALL 3D post processed images except 1.25x0.625 AX

ADDITIONAL INSTRUCTIONS:

Please include w/o and venous delays for all CTA ABD/PEL orders.

*Please note, recons are displayed as thickness X spacing