INDICATION	Evaluating vascular issues, masses, or inflammation
POSITION / LANDMARK	Chin
START/END LOCATIONS	Above lung apex through lesser trochanters of the femurs
CONTRAST PARAMETERS	100cc Isovue300, 4cc per second
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
w	120	Smart mA 50-560	0.5	0.984:1	39.37	20		

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	Chest/Abd/Pel	36	2.5x2.5	STND	With contrast

Recons

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Chest/Abd/Pel	1.25x0.625	STND		Do not send to PACS, use for recons
AX 1.25x0.625	COR	Chest	3x3	STND	400/40	
AX 1.25x0.625	SAG	Chest	3x3	STND	400/40	

*Please note, recons are displayed as thickness X spacing

AX 1.25x0.625	AX	Chest	5x5	LUNG	2000/ -400	
AX 1.25x0.625	COR	Chest/ Abd/Pel	3x3	STND	400/40	
AX 1.25x0.625	SAG	Chest/ Abd/Pel	3x3	STND	400/40	
AX 1.25x0.625	COR	Chest/ Abd/Pel	20x20	STND	400/40	

2D / 3D Processing

CHEST Source: Axial source with 2.5x2.5 standard window

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

CHEST/ABD/PEL Source: Axial source 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 except 1.25x0.625 AX, ALL 3D post processed images

ADDITIONAL INSTRUCTIONS:

For aneurysm/dissection or trauma, refer to separate dedicated protocols.

*Please note, recons are displayed as thickness X spacing