CTA LEG RUNOFF

GE Revolution

Approval: E Alvarez, MD rev:1 3/18/2026

INDICATION	PAD
POSITION / LANDMARK	Supine / Xiphoid
START/END LOCATIONS	With - Diaphragm through feet Delay - Bottom of feet through mid thigh
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 10-560	0.6	0.984:1	39.37	12.38		
delay	120	Smart mA 10-560	0.6	0.984:1	39.37	12.38		

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	with	Abd/Pel /legs	36	3.75x3.75	STND	Diaphragm through feet DO NOT SEND THIS TO PACS, USE FOR RECONS Adjust FOV to include soft tissue margins
3	delay	Legs	36	3.75x3.75	STND	Bottom of feet through mid thigh DO NOT SEND THIS TO PACS, USE FOR RECONS Adjust FOV to include soft tissue margins

Recons

*Please note, recons are displayed as thickness X spacing

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SELECT RADIOLOGY SOLUTIONS
A Division of Radiology Imaging Associates

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Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Abd/pel/legs	1.25x0.625	STND		With DO NOT SEND TO PACS, USE FOR ROTATING MIP
2	AX	Abd/Pel/legs	1.25x1.25	STND		with
2	COR	Abd/Pel	3x3	STND		with
2	SAG	Abd/Pel	3x3	STND		with
2	COR	Femur	3x3	STND		with
2	SAG	Femur	3x3	STND		with
2	COR	Lower leg	3x3	STND		with
2	SAG	Lower leg	3x3	STND		with
3	AX	legs	1.25x1.25	STND		Delay Bottom of foot to thigh
3	AX	legs	1.25x0.625	STND		delay DO NOT SEND TO PACS, USE FOR ROTATING MIP
3	COR	legs	2x2	STND		Delay Bottom of foot to thigh
3	SAG	legs	2x2	STND		Delay Bottom of foot to thigh

2D / 3D Processing

Source: series 2 AX recon with 1.25x0.625

1. MIP– rotate 360 with 36 images from anterior view from diaphragm to feet

Source: series 3 AX recon delay 1.25x0.625

1. MIP– rotate 360 with 36 images from anterior view (call this one DELAY ROTATION) from bottom of foot to through mid-thigh

Series required in PACS

Loc, Dose Report, all recons except 1.25x0.625 with and delay series, 3D MIP with and delay

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing