CT ABDOMEN/PELVIS with and without

GE Revolution

Approval: E. Alvarez, MD rev:1 8/2025

INDICATION	Abdominal mass, pain
POSITION / LANDMARK	Supine / Xiphoid
START/END LOCATIONS	Above diaphragm through pubis symphysis include all tissue margins
CONTRAST PARAMETERS	100cc Isovue 300, 2cc per second
RESPIRATORY PHASE	Inspiration
SCAN DELAY	65.0 second
SCAN TYPE	Helical

Series	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
wo	120	Smart mA 100-560	0.7	0.984:1	39.37	17		
with	120	100-440	0.7	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 w/o	Adb/pel	50	5x5	STND	WITHOUT.
3	Source date w/	Adb/pel	50	5x5	STND	WITH.

Recons

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
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

AX 1.25x0.625	COR	Abd/pel	3x3	STND	400/40	with
AX 1.25x0.625	SAG	Abd/pel	3x3	STND	400/40	with

2D / 3D Processing
Series required in PACS
Loc, Dose Report, Source data, ALL recons except 1.25x0.625 AX

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing