CT RENAL STONE

GE Revolution

Approval: E. Alvarez, MD rev:1 12/2025

INDICATION	Renal stone, hematuria
POSITION / LANDMARK	Supine / Xiphoid
START/END LOCATIONS	Above diaphragm through pubis symphysis include all tissue margins
CONTRAST PARAMETERS	na
RESPIRATORY PHASE	Inspiration
SCAN DELAY	na
SCAN TYPE	Helical

Series	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
wo	120	Smart mA 50-450	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	Adb/pel	50	5x5	STND	

Recons

Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	COR	Abd/pel	1.25x0.625	STND	400/40	
2	SAG	Abd/pel	1.25x0.625	STND	400/40	

*Please note, recons are displayed as thickness X spacing

2D / 3D Processing

Series required in PACS
Loc, Dose Report, Source data, ALL recons

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing