

IVP Siemens GO UP 3 phase

Indications	For hematuria, frequent UTI's, bladder ca, renal ca				
Diagnostic Task	Detect masses, location of stones				
Scan Mode	Helical				
Position/Landmark	2cm superior to xiphoid/Inspiration				
Topogram	AP 15mA 110kV				
kVp/Reference mass	130kv 99mas				
Rotation time/pitch	0.8/0.8				
Detector Configuration	32x0.7				
Table Speed/Increment	17.92				
Dose reduction	CareDose 4D				
Allowed CTDI ranges*	7mGy-50mGy				
XR29 Dose Notification value	50mGy				
	2-3 glass of water prior to scan				
	200ml NaCL prior to non contrast scan				
Helical Set #1	recon	body part	thickness spacing	kernel	window recon destination
Non contrast					
	1	abd/pel axial	2mmx2mm	Br40	abdomen pacs
	2	abd/pel Cor	2mmx2mm	Br40	abdomen pacs
	3	abd/pel Sag	2mmx2mm	Br40	abdomen pacs
	100ml or 150ml* ISOVUE 370 @2cc/sec-then scan CT A/P with 120second delay				
	*weight based 100ml if <250lbs 150ml if > 250lbs isovue 370				
Helical Set 2	recon	body part	thickness spacing	kernel	window recon destination
120sec delay					
	1	abd/pel axial	2mmx2mm	Br40	abdomen pacs
	2	abd/pel Cor	2mmx2mm	Br40	abdomen pacs
2ml/sec	3	abd/pel Sag	2mmx2mm	Br40	abdomen pacs
	4	abd/pel thin	0.8mmx0.8mm	Br40	abdomen pacs/TR
Helical Set 3	recon	body part	thickness spacing	kernel	window recon destination
9min					
	1	abd/pel axial	2mmx2mm	Br40	abdomen pacs
	2	abd/pel Cor	2mmx2mm	Br40	abdomen pacs
	3	abd/pel Sag	2mmx2mm	Br40	abdomen pacs
	4	abd/pel thin	0.8mmx0.8mm	Br40	abdomen pacs/TR
	5	MIP abd/pel	5mmx2mm	Br40	abdomen pacs
IV contrast volume/rate	100ml if <250lbs 150ml if > 250lbs isovue 370/ 400ml saline				
	Performed as directed by a supervising radiologist				
	Approximate Values for CTDIvol				
	Patient size	weight(kg)	weight(lbs)	CTDIvol(mGy)	
	SMALL	50-70	110-155	10-17	
	AVERAGE	70-90	155-200	15-25	
	LARGE	90-120	200-265	22-35	

NOTE*

*The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso is 50mGy. Dose Notification levels less than the AAPM recommended can be set. The maximum CTDI vol should match the dose notification value. Exams with CTDI vol values less than the minimum

allowed range should not be performed unless approved by a radiologist.

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