

NON CON ABDOMEN

Siemens GO UP

Indications	For abdomen pain, vomiting, bloating					
Diagnostic Task	Detect diverticulitis, free fluid, appendicitis, obstruction					
Scan mode	Helical					
Position/Landmark	2cm superior to xiphoid/Inspiration					
Topogram	AP 110kV 15mA					
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					
Helical Set #1	recon	part	spacing	kernel	window	destination
		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	abd/pelvis axial	2mmx 2mm	Br40	abdomen	pacs
	2	abd/pelvis Cor	2mmx 2mm	Br40	abdomen	pacs
3	abd/pelvis Sag	2mmx 2mm	Br40	abdomen	pacs	
Scan Start/end location	1cm superior to diaphragm through iliac crest					
DFOV	40cm decrease appropriately					
IV contrast volume/type	none					
Scan delay	scanned during valsalva if looking for hernia WITH ORAL CONTRAST ONLY					
	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.					

