

ROUTINE ABDOMEN Siemens GO ALL

Indications	For abdomen pain, lymphoma, vomiting, bloating, liver mets						
Diagnostic Task	Detect masses, diverticulitis, free fluid, appendicitis, abscess, obstruction						
Scan mode	Helical						
Position/Landmark	2cm superior to typhoid/Inspiration						
Topogram	AP 110kV 15mA						
kVp/Reference mass	120kv 99mas						
Rotation time/pitch	0.5/0.8						
Detector Configuration	32x0.7						
Table Speed/Increment	17.92						
Dose reduction	CareDose 4D, SAFIRE 3						
Allowed CTDI ranges*	7mGy-50mGy						
XR29 Dose Notification value	50mGy						
Helical Set #1 70 sec delay			body	thickness			recon
	recon		part	spacing	kernel	window	destination
	1	abd	axial	2mmx 2mm	Br40	abdomen	pacs
	2	abd	Cor	2mmx 2mm	Br40	abdomen	pacs
	3	abd	Sag	2mmx 2mm	Br40	abdomen	pacs
Scan start/end location	1cm superior to diaphragm through iliac crest						
IV contrast volume/rate	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec						
Scan delay	70seconds						
	Performed as directed by the supervising radiologist						
	WITH ORAL AND IV CONTRAST, MARK AREA OF PAIN WITH BB						

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

