

Routine Chest/abd with GO ALL

Indications	For abdomen pain, lymphoma, restage ca, weight loss, fatigue,				
Diagnostic Task	Detect masses, free fluid, abscess, mets				
Scan mode	Helical				
Position/Landmark	2cm superior to xiphoid/Inspiration				
Topogram	AP 15mA 110kV				
kVp/Reference mass	130kV 99mAs Care dose on				
Rotation time/pitch	0.8sec/1.0				
Detector Configuration	32x0.7				
Table Speed/Increment	22.4				
Dose reduction	CareDose 4D				
Allowed CTDI ranges*	7mGy-50mGy				
XR29 Dose Notification val	50mGy				
Helical Set#1	recon	body part	thickness spacing	kernel	window recon destination
Chest/abd	1 chest /abd		2mmx2mm	Br40	Abdomen pacs
	2 lung		1mmx1mm	Br60	lung pacs
	3 chest cor		2mmx2mm	Br40	Abdomen pacs
	4 chest sag		2mmx.2mm	Br40	Abdomen pacs
	5 abd cor		2mmx2mm	Br40	Abdomen pacs
	6 abd sag		2mmx.2mm	Br40	Abdomen pacs
	7 Lung MIP		10mmx2mm	Br36	Lung pacs
	8 Super D		1mmx0.8mm	Br44	Soft tissue pacs
Scan Start/end location	1cm superior to shoulder				
	supeior iliac crest				
DFOV	40cm				
	decrease appropriately				
IV contrast volume/type	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 2.5-3cc/sec				
	Performed as directed by a supervising radiologist				
Scan delay	60seconds				
	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 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.				

