

Routine Chest/abd with GO UP

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	body		thickness		recon	
Chest/abd	recon	part	spacing	kernel	window	destination
	1	chest /abd	2mmx2mm	Br40	Abdomen	pac
	2	lung	1mmx1mm	Br60	lung	pac
	3	chest cor	2mmx2mm	Br40	Abdomen	pac
	4	chest sag	2mmx.2mm	Br40	Abdomen	pac
	5	abd cor	2mmx2mm	Br40	Abdomen	pac
	6	abd sag	2mmx.2mm	Br40	Abdomen	pac
	7	Lung MIP	10mmx2mm	Br36	Lung	pac
	8	Super D	1mmx0.8mm	Br44	Soft tissue	pac
Scan Start/end location	1cm superior to shoulder					
	superior 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.					

