Routine Chest/abd/pelvis wo 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 valu	50mGy

Helical Set#1 Chest/abd/pelvis

recon	body part	thickness spacing	kernel	window	recon destination
1	chest /abd/pelvis	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	Helical set 1-Chest/A/P-1cm superior to shoulder
	lesser trochanter
DFOV	40cm
	decrease appropriately
IV contrast volume/type	na
Scan delay	na
	WITH ORAL 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.

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Approved by Dr Ellermeier and Mollard