ROUTINE NECK/CHEST/ABD/PELVIS wo
64 Sensation

Indications	For abdomen pain, lymphoma, restage ca, weight loss, fatigue cough
Diagnostic Task	Detect masses, free fluid, abscess, mets
Scan mode	Helical-Inspiration
Position/Landmark	2cm superior to xiphoid/Inspiration
Topogram	AP 60mA 120kV PA 60mA 120kv
kVp/Reference mass	Neck 120kv 260mA C/A/P 120kv 200mA-100kv if pt under 140lbs
Rotation time/pitch	NECK 1.0/0.9 C/A/P 0.5/0.8
Detector Configuration	NECK 24x1.2 C/A/P 64x0.6
Table Speed/Increment	NECK 25.92 C/A/P 23.04
Dose reduction	CareDose 4D
Allowed CTDI ranges*	7mGy-50mGy
XR29 Dose Notification valu	50mGy

Helical Set#1
Chest/abd/pelvis
arms up

recon	body part	thickness spacing	kernel	window	recon destination
1	chest/abd/pelvis	2mmx2mm	31medium smooth	Mediastinum	pacs
2	Lung	1.5mmx1.5mm	70sharp	lung	pacs
3	sag chest	2mmx2mm	31medium smooth	mediastinum	pacs
4	coronal chest	2mmx2mm	31medium smooth	mediastinum	pacs
5	coronal abdomen	2mmx2mm	31medium smooth	mediastinum	pacs
6	sag abdomen	2mmx2mm	31medium smooth	mediastinum	pacs
7	lung	10mmx2mm	B20f smooth	lung	pacs

Helical Set#2
Neck
arms down

recon	body part	thickness spacing	kernel	window	recon destination
1	neck	2mmx 2mm	31medium smooth	mediastinum	pacs
2	coronal neck	2mmx2mm	31medium smooth	mediastinum	pacs
3	sag neck	2mmx2mm	31medium smooth	mediastinum	pacs

Scan start	C/A/P-1cm superior to shoulder/ neck-top of orbital roof
End location	lesser trochanter / neck base
FOV	40cm 20cm
	decrease appropriately
IV contrast-split bolus	na
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 Mollard and Ellermeier

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