

# ROUTINE NECK/CHEST/ABD/PELVIS WO Siemens 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 30mA 130kV					
kVp/Reference mass	NECK 130kV 112mA    CAP 130kV 99mA					
Rotation time/pitch	NECK 1.0/0.8    C/A/P 0.5/0.8					
Detector Configuration	NECK 32x0.7    C/A/P 32x0.7					
Table Speed/Increment	NECK 17.92    C/A/P 17.92					
Dose reduction	CareDose 4D					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification val	50mGy					
Helical Set#1 Chest/abd/pelvis	recon	body part	thickness spacing	kernel	window	recon destination
arms up	1	CAP	2mmx2mm	Br40	Mediastinum	pac
	2	Cor Chest	2mmx2mm	Br40	Mediastinum	pac
	3	Sag Chest	2mmx2mm	Br40	Mediastinum	pac
	4	Cor Abd	2mmx2mm	Br40	Mediastinum	pac
	5	Sag abd	2mmx2mm	Br40	Mediastinum	pac
	6	lung	1mmx1mm	Br60	lung	pac
	7	MIP Lung	10mmx2mm	Br36	lung	pac
	8	Super D	1mmx0.8mm	Br44	Mediastinum	pac
Helical Set#2 NECK	recon	body part	thickness spacing	kernel	window	recon destination
arms down	1	neck	2mmx 2mm	Br40	Mediastinum	pac
	2	neck Cor	2mmx 2mm	Br40	Mediastinum	pac
	3	neck sag	2mmx 2mm	Br40	Mediastinum	pac
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					
	Performed as directed by a supervising radiologist					
Delay						
	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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