

# ROUTINE NECK/CHEST

## Siemens GO

<b>Indications</b>	For abdomen pain, lymphoma, restage ca, weight loss, fatigue,					
<b>Diagnostic Task</b>	Detect masses, free fluid, abscess, mets					
<b>Scan mode</b>	Helical					
<b>Position/Landmark</b>	2cm superior to xiphoid/Inspiration					
<b>Topogram</b>	AP 30mA 130kV					
<b>kVp/Reference mass</b>	NECK 130kV 112mA		Chest 130kV 99mA			
<b>Rotation time/pitch</b>	NECK 1.0/0.8		Chest 0.8/0.8			
<b>Detector Configuration</b>	NECK 32x0.7		Chest 32x0.7			
<b>Table Speed/Increment</b>	NECK 17.92		Chest 17.92			
<b>Dose reduction</b>	CareDose 4D					
<b>Allowed CTDI ranges*</b>	7mGy-50mGy					
<b>XR29 Dose Notification val</b>	50mGy					
<b>Helical Set#1</b>	body		thickness		recon	
<b>Chest</b>	recon	part	spacing	kernel	window	destination
<b>60sec</b>	1	Chest	2mmx2mm	Br40	Mediastinum	pac
<b>arms up</b>	2	Cor Chest	2mmx2mm	Br40	Mediastinum	pac
	3	Sag Chest	2mmx2mm	Br40	Mediastinum	pac
	4	lung	1mmx1mm	Br60	lung	pac
	5	MIP Lung	10mmx2mm	Br36	lung	pac
	6	Super D	1mmx0.8mm	Br44	Mediastinum	pac
<b>Helical Set#2</b>	body		thickness		recon	
<b>NECK</b>	recon	part	spacing	kernel	window	destination
<b>30SEC</b>	1	neck	2mmx 2mm	Br40	Mediastinum	pac
<b>arms down</b>	2	neck Cor	2mmx 2mm	Br40	Mediastinum	pac
	3	neck sag	2mmx 2mm	Br40	Mediastinum	pac
<b>Scan start</b>	Chest-1cm superior to shoulder/			neck-top of orbital roof		
<b>End location</b>	L1		/ neck base			
<b>FOV</b>	40cm			20cm		
	decrease appropriately					
<b>IV contrast-split bolus</b>	Chest <200lbs 75ml, 200-250lbs 100ml, >250lbs 125ml isovue 370					
	neck 50ml isovue 370					
	Performed as directed by a supervising radiologist					
<b>Delay</b>	chest 60-neck 30sec					
	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		
<b>NOTE*</b>	*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.					

