

# NON CON ABDOMEN/PELVIS 64 Toshiba

<b>Indications</b>	For abdomen pain, vomiting, bloating		
<b>Diagnostic Task</b>	Detect free fluid, abscess, obstruction		
<b>Scan mode</b>	Helical		
<b>Position/Landmark</b>	Head or feet first-Supine		
<b>Topogram</b>	AP mA50 kV120 /Lat mA 70 kV120		
<b>kVp/Reference mass</b>	120kV average pt 135kV XL pt Sure Exp 3D(120-550)		
<b>Rotation time/pitch</b>	0.5\0.828		
<b>Detector Configuration</b>	64x0.5		
<b>Table Speed/Increment</b>	26.5		
<b>Dose reduction</b>	Sure Exp 3D		
<b>Allowed CTDI ranges*</b>	7mGy-50mGy		
<b>XR29 Dose Notification value</b>	50mGy		
<b>Helical Set #1</b>	body	thickness	recon
<b>60 sec delay</b>	recon	part	spacing
		algorithm	destination
	1	abdomen/pelvis	2mmx 2mm
	2	sag abdomen	2mmx2mm
	3	coronal abdomen	2mmx2mm
<b>Scan Start/end location</b>	1cm superior to diaphragm		
	lesser trochanters		
<b>DFOV</b>	40cm		
	decrease appropriately		
<b>IV contrast volume/type</b>	none		
<b>Scan delay</b>	scanned during valsalva if looking for hernia		
	WITH ORAL CONTRAST ONLY		
	Approximate Values for CTDIvol		
	Patient size	weight(kg)	weight(lbs)
	SMALL	50-70	110-155
	AVERAGE	70-90	155-200
	LARGE	90-120	200-265
			CTDIvol(mGy)
			10-17
			15-25
			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.		