

# Pancreas 3 phase+Pelvis 64 Toshiba

<b>Indications</b>	For acute pancreatitis, pancreatic mass, pancreatic mass ordered by GI or other subspecialist
<b>Diagnostic Task</b>	Detect masses, abscess
<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>non con</b>	recon part spacing algorithm destination
	1 abdomen 2mmx 2mm standard pacs
<b>Helical Set #2</b>	body thickness recon
<b>40 sec delay</b>	recon part spacing algorithm destination
	1 abdomen 2mmx 2mm standard pacs
	2 sag abdomen 2mmx2mm standard pacs
	3 coronal abdomen 2mmx2mm standard pacs
<b>Helical Set #2</b>	body thickness recon
<b>70 sec delay</b>	recon part spacing algorithm destination
	1 abdomen/pelvis 2mmx 2mm standard pacs
	2 sag abdomen/pelvis 2mmx2mm standard pacs
	3 coronal abdomen/pelvis 2mmx2mm standard pacs
<b>Scan start all sets</b>	1cm superior to diaphragm
<b>end location</b>	NC-40sec iliac crest// 70sec through lesser trochanters
<b>IV contrast volume/rate</b>	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 4cc/sec
<b>Scan delay</b>	Performed as directed by a supervising radiologist
	non-con/40sec-arterial/ 70sec-venous
	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.

