

# Pancreas 3 phase+Pelvis 64 GE

<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 first-Supine Xiphoid S50-I500			
<b>Topogram</b>	AP 120kV 20mA Lat 120kV 40mA			
<b>kVp/Reference mass</b>	120kv Auto mA (300-700)			
<b>Rotation time/pitch</b>	0.5/0.984:1			
<b>Detector Configuration</b>	64x0.625			
<b>Table Speed/Increment</b>	39.37			
<b>Dose reduction</b>	Noise Index 15.86			
<b>Allowed CTDI ranges*</b>	7mGy-50mGy			
<b>XR29 Dose Notification value</b>	50mGy			
<b>Helical Set#1</b> <b>non con</b>	body	thickness	recon	
	recon	part	spacing	
		algorithm	destination	
	1	abdomen	2.5mmx 2.5mm standard pacs	
<b>Helical Set#2</b> <b>40sec</b>	body	thickness	recon	
	recon	part	spacing	
			algorithm	destination
	1	abdomen	2.5mmx 2.5mm standard pacs	
	2	sag abdomen	2mmx2mm standard pacs	
3	coronal abdomen	2mmx2mm standard pacs		
<b>Helical Set #3</b> <b>70sec</b>	body	thickness	recon	
	recon	part	spacing	
			algorithm	destination
	1	abdomen/pelvis	2.5mmx 2.5mm standard pacs	
	2	sag abdomen/pel	2mmx2mm standard pacs	
3	coronal abdomen/pel	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			
	Performed as directed by a supervising radiologist			
<b>Scan delay</b>	non-con/40sec-arterial/ 70sec-venous			
	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	

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.

