

# Pancreas 3 phase 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>	body thickness recon
<b>non con</b>	recon part spacing algorithm destination
	1 abdomen 2.5mmx 2.5mm standard pacs
<b>Helical Set#2</b>	body thickness recon
<b>40sec</b>	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>	body thickness recon
<b>70sec</b>	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>Scan start/end location</b>	1cm superior to the crest
<b>for both helical sets</b>	iliac crest
<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) 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.

