# Pancreas 3 Phase Siemens GO ALL

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|---|---|---|---|---|---|
| **Indications** | For acute pancreatitis, pancreatic mass, pancreatic mass ordered by GI or other subspecialist | | | | |
| **Diagnostic Task** | Detect masses, abscess | | | | |
| **Scan mode** | Helical | | | | |
| **Position/Landmark** | 2cm superior to xiphoid/Inspiration | | | | |
| **Topogram** | AP 110kV 15mA | | | | |
| **kVp/Reference mass** | 130kv 99mas | | | | |
| **Rotation time/pitch** | 0.5/0.8 | | | | |
| **Detector Configuration** | 32x0.7 | | | | |
| **Table Speed/Increment** | 17.92 | | | | |
| **Dose reduction** | CareDose 4D | | | | |
| **Allowed CTDI ranges*** | 7mGy-50mGy | | | | |
| **XR29 Dose Notification value** | 50mGy | | | | |
| **Helical Set #1** | | body | thickness | | recon |
| **non con** | recon | part | spacing | kernel | window | destination |
| | 1 | abd | 2mmx 2mm | Br40 | abdomen | pacs |
| **Helical Set #2** | | body | thickness | | recon |
| **40 sec delay** | recon | part | spacing | kernel | window | destination |
| | 1 | abd | 2mmx 2mm | Br40 | abdomen | pacs |
| | 2 | Cor | 2mmx2mm | Br40 | abdomen | pacs |
| | 3 | sag | 2mmx2mm | Br40 | abdomen | pacs |
| **Helical Set #3** | | body | thickness | | recon |
| **70 sec delay** | recon | part | spacing | kernel | window | destination |
| | 1 | abd | 2mmx 2mm | Br40 | abdomen | pacs |
| | 2 | Cor | 2mmx2mm | Br40 | abdomen | pacs |
| | 3 | sag | 2mmx2mm | Br40 | abdomen | pacs |
| **Scan start/end location** | 1cm superior to diaphragm | | | | |
| **for both helical sets** | iliac crest | | | | |
| **IV contrast volume/rate** | 75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 4cc/sec | | | | |
| **Scan delay** | Performed as directed by a supervising radiologist | | | | |
| | non con/40sec-arterial/ 70sec-venous | | | | |
| | WITH WATER PREP AND IV CONTRAST | | | | |

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.

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