

Abdomen Pancreas

Siemens Flash

Application Examples: pancreatic tumor or mass
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Oral Contrast	One glass of water just before scan if upper abdomen only. If AP, use routine Omnipaque oral contrast.
IV Contrast / Volume	Omnipaque 350 / P3T
Injection Rate	P3T

Technical Factors

Pancreas	
Detector Collimator	Acq 128 x 0.6 mm
Care kV	On / 120 kV
Care Dose 4D	On / 250 mAs
Rotation Time (seconds)	0.5
Pitch	0.6
Scan Delay	40 seconds
Breath Hold	Inspiration
Typical CTDIvol	16.90 mGy ± 50%

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Detector Collimator	Acq 128 x 0.6 mm
Care kV	On / 120 kV
Care Dose 4D	On / 250 mAs
Rotation Time (seconds)	0.5
Pitch	0.6
Scan Delay	*Adjust to approximately scan at 65 seconds
Breath Hold	Inspiration
Typical CTDIvol	16.90 mGy ± 50%

Topogram: Lateral & AP, 512 mm

Pancreas	Recon Type	Width / Increment	Algorithm	Safire	Window	Series Description	Networking	Post Processing
Recon 1	Axial	3 x 1.5	I41f	2	Abdomen	PANCREAS AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	I41f	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	I41f	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	I31f	2	Abdomen	PANCREAS AXIAL 0.6 STND	TR & PACS	None

Abdomen	Recon Type	Width / Increment	Algorithm	Safire	Window	Series Description	Networking	Post Processing
Recon 1	Axial	5 x 5	I41f	2	Abdomen	AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	I41f	2	Abdomen	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	I41f	2	Abdomen	SAG	PACS	Sagittal MPR
Recon 4	Axial	0.6 x 0.6	I31f	2	Abdomen	AXIAL 0.6 STND	TeraRecon	None

This protocol is used for evaluating pancreatic masses.

Patient Position: Patient lying supine with arms above head.

Scan Instructions: First, scan pancreas using a 40 second scan delay which will image the pancreas in a late arterial phase. The pancreas is located between mid T12 and bottom of L3. Then scan entire abdomen in venous phase at approximately 65 seconds from the start of injection—adjust abdomen series scan delay accordingly.

Scan Range: Series 1—scan pancreas only.

Series 2—scan above diaphragm to IC or through ischial tuberosities as per order.

Recons & Reformations: Adjust FoV to fit body contour.

3D: Upon request.