

Department: Radiology	Section: CT	Effective Date: 10/1/2013
Procedure Number: 13.13.16		Revision: 9/2015

Chest 5.16

Chest Abdomen Pelvis

Clinical Indication: Pain

Patient Preparation: Clear liquid diet (6 hours prior to exam)

Orientation: Head first

Breathing: Inspiration

Oral Contrast: 800-1000ml 90-120 minute drinking period (see proc. 6.12.1)

IV Contrast Per Weight: 1ml/lb or 2ml/kg not to exceed 150ml injected @ 3ml/sec

Coverage: Lung apices through ischial tuberosities

Anatomic Reference: Sternal notch

Scan Delay: Smart prep or care bolus

Group 1: Chest with Contrast– Lung apices through adrenal glands

Smart prep or care bolus aorta: Monitoring delay 10sec ISD 3 Threshold 50

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 0.8sec Helical Full	5 27.50 1.375:1	5	Large	120	80-440 11.5	Smart Prep Aorta	Standard Bone
VCT 0.8sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	Smart Prep Aorta	Standard Bone
AS 64 0.5sec Helical	5 1	5	360	120	Ref mAs 200	Care Bolus Aorta	Standard Bone

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Group 2: Venous Abdomen and Pelvis - Dome of diaphragm through Ischial tuberosities

Scan Delay: All prep times are relative to injection start time.

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 8 sec Helical Full	5 27.50 1.375:1	5	Large	120	80-440 11.5	70 sec.	Standard
VCT 0.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	70 sec.	Standard
As 64 0.5 sec Helical Full	5 1	5	360	120	Ref mAs 200	70 sec.	Standard

Group 3 Five minute delays- through kidneys only

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 0.8 sec Helical Full	5 27.50 1.375:1	5	Large	120	80-440 11.5	5 min.	Standard
VCT 10.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	5 min.	Standard
AS 64 0.5 sec Helical	5 1	5	360	120	Ref mAs 200	5 min.	Standard

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Algorithm: Standard. Show recon 1&2.

Network: Recon 1 (5mm) to PACS. Recon 2 (1.25) auto transmit to AWBR, AWWF, AWSERV.

Notes: Auto mA must be on and mA table checked prior to scanning.