

 University Health™	Policy #: Rad Proc 13.13.11
SUBJECT: CT Chest/Abdomen/Pelvis 5.11	Effective: 10/2013 Reviewed: 03/07/2017
APPROVED BY: Body Imaging Medical Director	Page 1 of 1

Purpose: To provide computed tomography staff with the required protocol for performing CT Chest/Abdomen/Pelvis.

Scope: All adult patients 18 years and older.

Clinical Indication: Oncologic staging, Pulmonary/Plural disease Abdominal Pain

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

Orientation: Feet 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 @ 4ml/sec

Coverage: Lung apices through ischial tuberosities

Anatomic Reference: Sternal notch

Scan Delay: 60 seconds

Group 1: Lung apices through ischial tuberosities

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	60 sec	Standard
VCT 0.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	60 sec	Standard
AS 64 0.5 sec Helical	5 1	5	360	120	Ref MAS 250	60 sec	Standard

Algorithm: Recon 1 = 5 mm & 2 = 1.25 Standard

Reformation: 2.0 Sagittal and Coronal reformations of the entire exam

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