Purpose: To provide computed tomography staff with the required protocol for performing CT Chest None Contrast.

Scope: All adult patients 18 years and older.

Clinical Indication: Pulmonary nodules
Patient Preparation: Clear liquid diet (6 hours prior to exam)
Orientation: Feet first
Breathing: Inspiration
Oral Contrast: One cup water on the table
IV Contrast per Weight: None
Coverage: Lung apices through adrenal glands
Anatomic Reference: Sternal notch
Scan Delay: N/A

Group 1: Non-contrast Chest – Lung apices through Adrenal glands

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	No	Standard
VCT 0.8 sec Helical Full	5 55.00 1.375:1	5	Large	120	80-600 11.5	No	Standard
AS 64 0.5 sec Helical	5 1	5	380	120	Ref MAS 250	No	Standard

Algorithm: Recon 1 & 2 Standard
Reformation: Sagittal and Coronal reformations at 2mm of the entire exam.
Network: Recon 1 (5mm) to PACS. Recon 2 (1.25) auto transmit to AWSERV
Notes: Auto mA must be on and mA table checked prior to scanning