

# UT Southwestern Department of Radiology

**Protocol Name:** Low Dose Chest CT

**Orderable Name:** CT CHEST LUNG CANCER SCREENING WO IV CONTRAST  
CT CHEST WO IV CONTRAST

Adult Only

**Epic Button:** Low Dose Chest Without

CTDIvol < 15 mGy  
DLP < 500 mGycm

**Indications:** Screening for lung cancer, nodule follow-up, CF with nontuberculous mycobacterium

**# Acquisitions:** 1

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> None	<b>Other Contrast:</b> None	<b>Airway</b> Acquire on inspiration
			<b>Other Notes</b> Consult body habitus kVp selection chart.  Use "SCREEN" orderable only if ordered as the "SCREEN" orderable and not performed in last 12 months. Patient must meet screening eligibility requirements.

Last Change: 1/13/2025

Last Review: 1/13/2024

Links: [kVp Body Chart](#) [General Statements](#)

<b>Special Instructions</b>		Do not repeat CT scan, recon lung from 1st acquisition
<b>Acq # / Series Name</b>	<b>1</b> Noncontrast	<b>N/A</b> Noncontrast
<b>Phase Timing</b>		N/A
<b>Acquisition Protocol</b>	<a href="#">Chest Low Dose</a>	<a href="#">Recon Only</a>
<b>Coverage</b>	Apices through lung bases	Same
<b>FOV</b>	Match prior study FOV, if available	Same
<b>Algorithm</b>	Soft Tissue	Lung
<b>Axial Recons</b>	3mm, 1 mm	1 mm
<b>Other Planar Recons</b>	2mm sagittal, 2mm coronal	
<b>MIP Recons</b>	7x2mm axial	
<b>†DECT Philips</b>		
<b>†DECT Siemens</b>		
<b>†PC-CT Siemens</b>		

† When dual energy (DE) or photon counting (PC) CT is used

