

UT Southwestern Department of Radiology

Protocol Name: Low Dose Chest CT

Orderable Name: CT CHEST LUNG CANCER SCREEN WO CONTRAST

Adult only

Protocol Epic Button: Low Dose Chest Without

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

CT CHEST WO IV CONTRAST

CTDIvol < 15 mGy
DLP < 500 mGycm

Active Protocol

Acquisitions: 1

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway: Acquire on inspiration
			Other Notes: Consult body habitus kVp selection chart. If ordered as the "SCREEN" orderable and not performed in last 12 months, use the "SCREEN" orderable. Otherwise, use the CT CHEST WO orderable.

Last Change: 1/25/2019

Last Review: 1/28/2022

Links: [kVp Body Chart](#)

[General Statements](#)

Special Instructions		Do not repeat CT scan, recon lung from 1st acquisition
Series Name	1 Noncontrast	2 Noncontrast
Phase Timing		N/A
Acquisition Protocol	Chest Low Dose	Recon Only
Coverage	Base of neck through L1	Same
FOV	Match prior study FOV, if available	Same
Algorithm	Soft Tissue	Lung
Primary Axial Recon	3mm, 1 mm	3 mm
Other Recons	2mm sagittal, 2mm coronal	
MIP Recons	7x2mm axial	
*Dual Energy Philips		
*Dual Energy Siemens		

* When dual energy or spectral CT is used

