

UT Southwestern Department of Radiology

Protocol Name: High Res CT-ILD

Orderable Name: CT CHEST HIGH RESOLUTION

Adult Only

Epic Button: High Res CT-ILD

CTDIvol < 60 mGy

Indications: Interstitial lung disease, small airway disease, abnormal PFT

DLP < 7500 mGycm

Acquisitions: 3

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway First scan supine inspiratory, second scan supine expiratory, third scan prone inspiratory
			Other Notes Consult body habitus kVp selection chart.

Last Change: 10/14/2020

Last Review: 1/13/2024

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

Special Instructions	Prone inspiratory	Supine expiratory	Supine inspiratory Send to TeraRecon (Volume)	Do not repeat CT scan, recon lung from prior acquisition
Acq # / Series Name	1 Noncontrast - Prone Insp	2 Noncontrast - Sup Exp	3 Noncontrast - Sup Insp	N/A Noncontrast - Sup Insp
Phase Timing				N/A
Acquisition Protocol	Chest HR (sequential)	Chest HR (sequential)	Chest HR (spiral)	Recon Only
Coverage	Lungs - image at 10 mm intervals	Lungs - image at 10 mm intervals	Base of neck through L1	Same
FOV	Targeted, including rib cage, ~1cm clearance	Same	Same	Same
Algorithm	Lung	Lung	Soft Tissue	Lung
Axial Recons	1 mm	1 mm	3 mm, 1 mm	1 mm
Other Planar Recons			2 mm coronal and sagittal	
MIP Recons			7x2mm axial	
†DECT Philips				
†DECT Siemens				
†PC-CT Siemens				

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