

<b>INDICATION</b>		Pulmonary fibrosis, Interstitial lung disease, Lung disease, COPD etc.						
<b>POSITION / LANDMARK</b>		Supine / Chin						
<b>START/END LOCATIONS</b>		Apices down through base of lungs						
<b>CONTRAST PARAMETERS</b>		na						
<b>RESPIRATORY PHASE</b>		Inspiration / Expiration						
<b>SCAN DELAY</b>		na						
<b>SCAN TYPE</b>		Helical						
	<b>KV</b>	<b>mA</b>	<b>Rot Time (sec)</b>	<b>Pitch</b>	<b>Speed (mm/rot)</b>	<b>Noise Index</b>	<b>ASiR</b>	<b>Dose Reduction</b>
Prone Inspiration	120	Smart mA 50-500	1.0	2-4	10.62	12	SS40 Slice 40%	
Supine Inspiration	120	Smart mA 50-500	0.5	1	110	12	SS40 Slice 40%	
Supine Expiration	120	Smart mA 50-500	0.5	2-4	110	12	SS40 Slice 40%	
<b>TECHNIQUE</b>	Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images.							
<b>Scans</b>								
<b>Series #</b>	<b>Series</b>	<b>Body Part</b>	<b>DFOV</b>	<b>Thick/Space</b>	<b>Algorithm</b>	<b>Notes</b>		
1	Loc					AP/Lat		
2	Supine	Chest	36	1.25x1.25	Lung	Inspiration		
3	Supine	Chest	36	2.5x2.5	Lung	Expiration		
4	Prone	Chest	36	2.5x2.5	Lung	Inspiration		
<b>Recons</b>								

\*Please note, recons are displayed as thickness X spacing



# CT CHEST HiRes

## GE Revolution

Approval: M. Gange, DO

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Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes
2	AX	Chest	5x5	Mediastinum		Supine Inspiration
2	AX	Chest	5x5	Lung	2400 / -450	Supine Inspiration
2	AX	Chest	5x5	Bone		Supine Inspiration
2	SAG	Chest	3 x 3	Mediastinum		Supine Inspiration
2	COR	Chest	3 x 3	Mediastinum		Supine Inspiration
2	AX	Chest	10 x 2	Lung	2400 / -450	Supine Inspiration
<b>2D / 3D Processing</b>						
<b>Series required in PACS</b>						
Loc, Dose Report, All scans and recons listed						

**ADDITIONAL INSTRUCTIONS:**

\*Please note, recons are displayed as thickness X spacing