

INDICATION		Lung cancer screening						
POSITION / LANDMARK		Supine / Chin						
START/END LOCATIONS		Above apex through lungs, Caudal cranial						
CONTRAST PARAMETERS		n/a						
RESPIRATORY PHASE		Inspiration						
SCAN DELAY		n/a						
SCAN TYPE		Helical						
	KV	mA	Rot Time (sec)	Pitch	Speed (mm/rot)	Noise Index	ASiR	Dose Reduction
	120	110-155 lbs 40 155-200 LBS 70 200-255 LBS 100	0.5	0.984:1	39.37		50%	
TECHNIQUE		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.						
Scans								
Series #	Series	Body Part	DFOV	Thick/Space	Algorithm	Notes		
1	Loc					AP/Lat		
2	Source data wo	Chest	See note	5x5	STND	FOV open to cover bilateral axilla for all series, 400/40, ASiR 50%		
Recons								
Recon source Series #	Recon	Body Part	Thick / Space	Algorithm	W/L	Notes		
2	AX	Chest	5x5	Mediastinum	400/40	ASiR 50%		
2	AX	Chest	1x1	Lung	2000/ -400	ASiR 10%		

*Please note, recons are displayed as thickness X spacing

2	SAG	Chest	3x3	Mediastinum	400/40	ASIR 50%
2	COR	Chest	3x3	Mediastinum	400/40	ASIR 50%
2	AX MIP	Chest	10x2	Lung	2000/ -400	ASIR 10%
2D / 3D Processing						
Series required in PACS						
Loc, Dose Report, Source data, ALL recons						

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing