

CHEST W/					
Protocol to Use	Chest W/				
HDI/VDI					
Patient position:	Supine Feet First				
Exam specific instructions:					
Indication:	Chest pain, pneumonia, inflammatory disease, neoplasm, trauma, pneumothorax				
Notes:	40 second delay				
CONTRAST:	Oral:	None			
	IV:	Below 200lbs- 75mL Above 200lbs- 100mL *HDI - Omnipaque 350 + 20ml Saline Pre-Flush and 30ml Saline Post-Flush *VDI - Omnipaque 300 @ 2mL/sec			
 SERIES 1: Dual Scout	GE kV/ mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	SN S60/I350	S60/I350	S60/I375	S60/I350	SN S60/I350
 SERIES 2: Scan craniocaudal from above lungs through adrenals					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical	Helical	Helical	Helical
Detector Config	40mm	40mm	40mm	80mm	40mm
Rotation	0.5	0.984	0.984	0.5	0.5
Pitch/Speed	0.9/39.375	39.375	39.375	0.992/1	0.9/39
SFOV	Large Body	Large Body	Large Body	Large Body	Large Body
kV	120	120	120	120	120
mA Range	100-450	75-450	75-450	100-450	100-560
NI	15.86	32.72	32.72	15.4	11.57
Prep Group	40 sec	40 sec	N/A	40 sec	N/A
DFOV (cm)	36	36	36	32	36
% Dose Reduction	40	40	40	40	40
ASIR %	40	40	40	40	40
CTDI (mGy)	11.74	10.1	9.7	15.31	12.35
XR29 Dose Notification (mGy)	50	50	50	50	50

	RECON1	RECON 2	RECON 3	REFORMAT 1	REFORMAT 2
Series Descripton	Chest ST	Lung	Axial Thin ST	Coronal ST	Sagittal ST
Type	Axial	Axial	Axial	Coronal	Sagittal
Start	Apicies	Apicies	Above Lungs	Anterior	Left
End	Through Adrenals	Through Adrenals	Through Adrenals	Posterior	Right
Image Order	Crainiocaudal	Craniocaudal	Craniocaudal	Ant to Post	Left to right
Filter	Standard	Lung	Standard	Standard	Standard
Windowing	C40/W350	C-500/W2000	C40/W350	C40/W350	C40/W350
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	2.5	2.5	0.625	2.5	2.5
Increment (mm)	2.5	2.5	0.625	2.5	2.5
FOV (mm)	36	36	36	36	36

	RECON 4	REFORMAT 1	RECON 5
Series Descripton	Thin Lung	MIP Axial Lung	Super D

Type	Axial	Axial	Axial
Start	Above Lungs	Apicies	Apicies
End	Through Adrenals	Through Adrenals	Through Adrenals
Image Order	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Lung	Lung	Standard
Windowing	C-500/W2000	C-500/W2000	C40/W350
Render Mode	Average	MIP	Average
Slice (mm)	0.625	2.5	1.25
Increment (mm)	0.625	20	1
FOV (mm)	36	36	36

Send to PACs
Approving Radiologist / Review Date: Dr. Praveen Rao 3/28/2023