

CHEST ABDOMEN PELVIS W/					
Protocol to Use	5.7 Chest Abdomen Pelvis				
HDI/VDI					
Patient position:	Supine Feet First				
Exam specific instructions:	MAR to be done with THA (unless performed at OLY)				
Indication:	Pain, tumor detection and evaluation, trauma, infection, inflammatory disease				
Notes:					
CONTRAST:	Oral:	20ml Omnipaque 350 + 500ml water			
	IV:	Below 200lbs - 75ml Above 200lbs 100ml Omnipaque 350 + 20ml Saline Flush @ 2mL/sec			
 SERIES 1: Dual Scout	GE 120kV/10mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	SN S60/I700	S60/I700	S60/I650	S60/I700	S60/I700
 SERIES 2: Scan craniocaudal from above lungs through lesser trochanters					
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	80	40mm
Rotation	0.5	0.5	0.984	0.5	0.984
Pitch/Speed	.9/39.375	0.9/39.37	39.375	0.992/1	0.9/39.375
SFOV	Large Body	Large Body	Large Body	Large Body	Large Body
kV	120	120	120	120	120
mA Range	125-550	125-550	125-550	100-450	100-560
NI	15.86	15.86	32.72	15.31	11.57
Prep Group	70 sec	70 sec	N/A	70 sec	Smart Prep
DFOV (cm)	36	36	36	63	36
% Dose Reduction	40	40	40	40	40
ASIR %	40	40	40	40	40
CTDI (mGy)	14.57	14.57	10.8	15.31	12.38
XR29 Dose Notification (mGy)	50	50	50	50	50

	RECON 1	RECON 2	RECON 3
Series Descripton	Axial CAP	Lung	Thin CAP
Type	Axial	Axial	Axial
Start	Apicies	Apicies	Apicies
End	Lesser Trochanters	Adrenals	Lesser Trochanters
Image Order	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Lung	Standard
Windowing	C40/W350	C-500/W2000	C40/W350
Render Mode	Average	Average	Average
Slice (mm)	2.5	2.5	0.625
Increment (mm)	2.5	2.5	0.625
FOV (mm)	36	36	36

	RECON 4	REFORMAT 1	REFORMAT 2
Series Descripton	Abd Pel Thin ST	Coronal ST	Sagittal ST
Type	Axial	Coronal	Sagittal

Start	Diaphragm	Anterior	Left
End	Lesser Trochanters	Posterior	Right
Image Order	Craniocaudal	Ant to Post	Left to Right
Filter	Standard	Standard	Standard
Windowing	C40/W350	C40/W350	C40/W350
Render Mode	Average	Average	Average
Slice (mm)	0.625	2.5	2.5
Increment (mm)	0.625	2.5	2.5
FOV (mm)	36	36	36

	RECON 5	REFORMAT 3	REFORMAT 4
Series Descripton	Lung Thin	MIP Axial Lung	Coronal Lung
Type	Axial	Axial	Coronal
Start	Apicies	Anterior	Anterior
End	Adrenals	Posterior	Posterior
Image Order	Craniocaudal	Ant to Post	Ant to Post
Filter	Lung	Lung	Lung
Windowing	C-500/W2000	C-500/W2000	C-500/W2000
Render Mode	Average	MIP	Average
Slice (mm)	0.625	20	2.5
Increment (mm)	0.625	2.5	2.5
FOV (mm)	36	36	36

	RECON 6	REFORMAT 5	REFORMAT 6	RECON 7
Series Descripton	Chest Thin	Coronal ST	Sagittal ST	Super D
Type	Axial	Coronal	Sagittal	Axial
Start	Apicies	Anterior	Left	Apicies
End	Adrenals	Posterior	Right	Adrenals
Image Order	Craniocaudal	Ant to Post	Left to Right	Craniocaudal
Filter	Standard	Standard	Standard	Standard
Windowing	C40/W400	C40/W400	C40/W400	C40/W350
Render Mode	Average	Average	Average	Average
Slice (mm)	0.625	2.5	2.5	1.25
Increment (mm)	0.625	2.5	2.5	1
FOV (mm)	36	36	36	36

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