

TRAUMA ABDOMEN PELVIS W

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Protocol to Use	6.4 Trauma Abdomen/Pelvis				
HDI/VDI					
Patient position:	Supine Feet First				
Exam specific instructions:	10 min Delay if modified trauma or indicated by radiologist MAR to be done with THA (unless performed at OLY)				
Indication:	Pain, trauma				
Notes:					
CONTRAST:	Oral:	None			
	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
	XY S60/I500	XY S60/I500		XY S60/I500	750mm
 SERIES 2: Scan craniocaudal from above diaphragm through lesser trochanters					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical		Helical	Helical
Detector Config	40mm	40mm		40mm	128x0.625
Rotation	0.5	0.984		0.5	0.33
Pitch/Speed	0.984/39.37	39.375		0.992/1	0.763
SFOV	Large Body	Large Body		Large Body	Chest
kV	120	120		120	120
mA Range	125-550	125-550		125-550	
NI	15.86	15.86		12.3	17
Prep Group	70	Timed 70 sec		70 seconds	Timed 70 sec
DFOV (cm)	36	36		36	360
% Dose Reduction	40	40		40	Z Dom/D Dom
ASIR %	40	40		40	ID3
CTDI (mGy)	14.35	14.35		18.71	12
XR29 Dose Notification (mGy)	50	50		50	50

	RECON 1	RECON 2	RECON 3	REFORMAT 1	REFORMAT 2
Series Descripton	Axial ST	Lung	Thin ST	Sagittal ST	Coronal ST
Type	Axial	Axial	Axial	Sagittal	Coronal
Start	Above diaphragm	Above diaphragm	Above diaphragm	Left	Anterior
End	Lesser Trochanters	Adrenals	Lesser Trochanters	Right	Posterior
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Left to Right	Ant to Post
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

 SERIES 3: *10-min Delay* Scan craniocaudal from above diaphragm through lesser trochanters					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT

Scan Type	Helical	Helical		Helical	Helical
Detector Config	40mm	40mm		80mm	128x0.625
Rotation	0.5	0.984		0.5	0.33
Pitch/Speed	0.984/39.37	39.375		0.992/1	0.763
SFOV	Large Body	Large Body		Large Body	Chest
kV	120	120		120	120
mA Range	100-550	125-450		125-550	90
NI	11.57	15.86		12.3	17
Prep Group	Timed 10 min	Timed 10 min		Timed 10 min	Timed 10 min
DFOV (cm)	36	36		36	36
% Dose Reduction	40	40		40	Z Dom/D Dom
ASIR %	40	40		40	ID3
CTDI (mGy)	14.35	14.35		18.71	8
XR29 Dose Notification (mGy)	50	50		50	50

	RECON 1	REFORMAT 1	REFORMAT 2
Series Descripton	Delay 2.5x2.5	Sagittal ST	Coronal ST
Type	Axial	Sagittal	Coronal
Start	Above diaphragm	Left	Anterior
End	Lesser Trochanters	Right	Posterior
Image Order	Craniocaudal	Left to Right	Ant to Post
Filter	Standard	Standard	Standard
Windowing	C40/W350	C40/W350	C40/W350
Render Mode	Average	Average	Average
Slice (mm)	2.5	2.5	2.5
Increment (mm)	2.5	2.5	2.5
FOV (mm)	36	36	36

Send to PACs
Approving Radiologist / Review Date: Dr. Praveen Rao 4/26/2023