

CTA AAA					
Protocol Title					
HDI/VDI					
Patient position:	Supine Feet First				
Exam specific instructions:					
Indication:	Back Pain, Abdominal Pain, Aneurysm				
Notes:					
CONTRAST:	Oral:	None			
	IV:	100mL Omnipaque 350 / 40ml saline flush @ 5mL/s			
 SERIES 1: Dual Scout	GE 120kV/10mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	XY S50/I550	XY S50/I550		XY S60/I550	
 *Smart Prep* Draw circle ROI on mid aorta					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
Smart Prep					
On	Active	Active		Active	
Dynamic transition	Active	Active		Active	
Monitor location	I100	I50		I150	
mA	40	40		50	
Monitor delay	10 sec	10 sec		10 sec	
Monitoring ISD	1.5 sec	1.5 sec		1 sec	
Threshold	120 HU	120 HU		100 HU	
Auto localizer	Active	Active		Active	
Voice message	2 Active	2 Active		Active	
Auto min delay	Off	Active		Active	
 SERIES 2: *Arterial* Scan 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	
Detector Config	40 mm	40mm		80mm	
Rotation	0.5	0.5		0.5	
Pitch/Speed	1.37/55	1.37/55		0.992/1	
SFOV	Large Body	Large Body		Large Body	
kV	120	120		120	
mA Range	150-550	150-550		100-550	
NI	15.86	15.86		12.3	
Prep Group	Smart Prep	Smart Prep		Smart Prep	
DFOV	36	36		36	
% Dose Reduction	40	40		40	
ASIR	40	40		40	
CTDI Range (mGy)	10.27	10.27		9.36	
XR29 Dose Notification	50	50		50	

	RECON 1	RECON 2	RECON 3	REFORMAT 2	REFORMAT 3
Series Descripton	Axial Aorta ST	Lung	Axial Thins	MIP Cor 4X2	MIP Sag 4X2
Type	Axial	Axial	Axial	Coronal	Sagittal
Start	Above Diaphragm	Above Diaphragm	Above Diaphragm	Skin Surface	Left

End	Lesser Trochanters	Adrenals	Lesser Trochanters	Skin Surface	Right
Angle	0	0	0	Ant to Post	Left to Right
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Lung	Standard	Standard	Standard
Windowing	C40/W350	C-500/W2000	C40/W350	C40/W350	C40/W350
Render Mode	Average	Average	Average	MIP	MIP
Slice	2.5	2.5	0.625	4	4
Increment	2	2.5	0.625	2	2
FOV in mm	36	36	36	36	36

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