

CT Post Thoracic Stent

Technical Parameters							
kVp:	Siemens: Care kV (120 reference) GE: Auto Prescription						
mAs:	Dose Modulation System (ex CAREdose 4D, smart mA)						
Pitch:	<1 preferred						
Collimation:	Siemens (128x0.6) GE (40mm or 80mm)						
Scan Direction:	Craniocaudal						
Rotation Time:	0.5 or less						
Anatomic Coverage:	Scan should cover the entire chest Have patient take a breath in a hold before scan						
Contrast:	75mL Omni350Iso370 4mL/s Bolus tracking at the level of the diaphragm with the ROI in the descending Aorta, trigger threshold set to 100HU, 180s delay before scanning delay images (delay images will be through the stent only)						
Reconstruction Parameters:	WO Chest	Soft Tissue Ax	Lung	Coronal	Sagittal	Coronal MIP	Sagittal MIP
Slice Thickness:	2-2.5mm	2-2.5mm	2mm	2mm	2mm	5mm	5mm
Reconstruction Interval:	2-2.5mm	2-2.5mm	2mm	2mm	2mm	1mm	1mm
Reconstruction FOV:	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy
Window	Siemens (Mediastinum) GE (WW 350 WL 50)	Siemens (CT Angio) GE (WW 350 WL 50)	Siemens (Lung) GE (WW 1500 WL -600)	Siemens (CT Angio) GE (WW 350 WL 50)	Siemens (MIP) GE (MIP)	Siemens (MIP) GE (MIP)	Siemens (MIP) GE (MIP)
Kernel/Algorithm:	Siemens (Br 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Bl 59) GE (Sharp)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)
Reconstruction Parameters:	Delay	Cor Delay	Sag Delay				
Slice Thickness:	2-2.5mm	2-2.5mm	2-2.5mm				
Reconstruction Interval:	2-2.5mm	2-2.5mm	2-2.5mm				
Reconstruction FOV:	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy				
Window	Siemens (Mediastinum) GE (WW 350 WL 50)	Siemens (Mediastinum) GE (WW 350 WL 50)	Siemens (Mediastinum) GE (WW 350 WL 50)				
Kernel/Algorithm:	Siemens (Br 36) GE (Standard)	Siemens (Br 36) GE (Standard)	Siemens (Br 36) GE (Standard)				