

CT PE Study								
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:	Crainiocaudal							
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 PA bifurcation, trigger threshold set to 100HU							
Reconstruction Parameters:	Soft Tissue Ax	Lung	Coronal	Sagittal	Thins	Axial MIP	Coronal MIP	Sagittal MIP
Slice Thickness:	2-2.5mm	2mm	2mm	2mm	1mm	20mm	20mm	20mm
Reconstruction Interval:	2-2.5mm	2mm	2mm	2mm	1mm	5mm	5mm	5mm
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	Smallest area to include relevant anatomy
Window	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 (Mediastinum) GE (WW 350 WL 50)	Siemens (MIP) GE (MIP)	Siemens (MIP) GE (MIP)	Siemens (MIP) GE (MIP)
Kernel/Algorithm:	Siemens (Bv 36) GE (Standard)	Siemens (Bl 59) GE (Sharp)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Br 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)	Siemens (Bv 36) GE (Standard)