

HI-RES CHEST/HRCT CHEST WO+PE CTA CHEST W

DX: INTERSTITIAL LUNG DISEASE (ILD), BRONCHIECTASIS, ASBESTOSIS, SMALL AIRWAYS DISEASE/AIR TRAPPING, CHEST PAIN, SHORTNESS OF BREATH

PREP: NONE

Localizer(s)	Frontal (Lateral if required)			
Scan Series	Prone Inspiration	Supine Expiration	Supine Inspiration	PE CTA STUDY
Contrast Agent	-	-	-	300, 350, or 370
Volume/Rate	-	-	-	80ml /4.0ml per sec
Contrast Delay	-	-	-	25-30 sec
Start	Apices	Apices	Apices	Apices
End	Bases	Bases	Bases	Adrenals
Scan Type	Axial OR Helical	Helical	Helical	Helical
kVp	120-130	120-130	120-130	100-120
Target CTDIvol	<3.0 mGy	<3.0 mGy	<3.0 mGy	<7.0 mGy
Max CTDIvol	20 mGy	20 mGy	20 mGy	20 mGy
Max Scan Time	Breath hold cluster	Breath hold cluster	Breath hold cluster	20 sec
Pitch	1-1.5x10mm	1-1.5x10mm	1-1.5x10mm	1.0-1.4:1
DFOV	To body wall	To body wall	To body wall	To body wall
Send to PACS	AX 1-1.5 standard	AX 1-1.5 standard	AX 1-1.5 standard	AX 1x1 standard
Send to PACS				COR 2x2 standard
Send to PACS				SAG 3x3 standard