CT Chest WO

Position/Landmark	Feet first. Position at chin
Scout	
Scan coverage	Entire lungs. Apices of lungs to mid kidney
Respiratory Phase	Inspiratory
Scan Type	Helical
PO Prep	None
Reason for exam	The scan is primarily used to evaluate for diffuse lung disease, metastatic disease, staging and follow-up of lung cancer

Scan Settings – CT Chest WO				
	Siemens SOMATOM Force	**Philips iCT/Ingenuity**	**Canon Aquilion ONE Vision**	**GE Discovery PET CT**
kV Setting:	CAREkV Ref kV= 110	120	120	120
mA/mAs/TCM Setting:	CAREDose4D QRM = 51, Dose Savings Slider at 3	DoseRight DRI = 19, Liver DRI Boost +3	SureExposure3D (SD=12.5)	Smart mA, NI=13, 50 %Dose Reduction, 5mm Slice Thickness
Iterative Reconstruction Setting:	Admire Strength 3	iDose 2	AIDR 3D Mild	ASIR 50%

Scan and Recon Instructions – CT Chest WO	
1.	Scout – Above lung Apices through below Lungs (Arms above head)
2.	Inspiratory- Practice with the patient! Make sure the patient takes a deep breath in and is able to hold it for scan duration.
3.	Apices of lungs to mid kidney (Blue box) - Axial 3mm x 1.5mm (soft tissue) - Axial 3mm x 1.5mm (lung) - Coronal 3mm x 1.5mm (lung) - Coronal 3mm x 1.5mm (soft tissue) - Sagittal 3mm x 1.5mm (soft tissue)