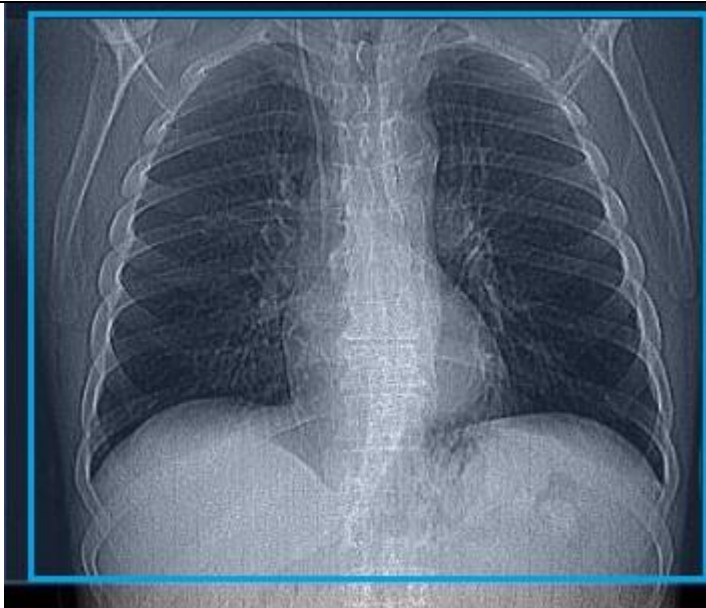


**CT Chest WO**

<b>Position/Landmark</b>	Feet first. Position at chin
<b>Scout</b>	
<b>Scan coverage</b>	Entire lungs. Apices of lungs to mid kidney
<b>Respiratory Phase</b>	Inspiratory
<b>Scan Type</b>	Helical
<b>PO Prep</b>	None
<b>Reason for exam</b>	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**

	<b>Siemens SOMATOM Force</b>	<b>Philips iCT/Ingenuity</b>	<b>Canon Aquilion ONE Vision</b>	<b>GE Discovery PET CT</b>
<b>kV Setting:</b>	CAREKV Ref kV= 110	120	120	120
<b>mA/mAs/TCM Setting:</b>	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
<b>Iterative Reconstruction Setting:</b>	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) <ul style="list-style-type: none"><li>- Axial 3mm x 1.5mm (soft tissue)</li><li>- Axial 3mm x 1.5mm (lung)</li><li>- Coronal 3mm x 1.5mm (lung)</li><li>- Coronal 3mm x 1.5mm (soft tissue)</li><li>- Sagittal 3mm x 1.5mm (soft tissue)</li></ul>