

CT Chest, Abdomen, Pelvis without Contrast

Position/Landmark	Feet first. Position at chin
Scout	 @sciencephotolibrary
Scan coverage	Apices of lungs through bony pelvis
Respiratory Phase	Inspiratory
Scan Type	Helical
PO Prep	May need to drink water, PO+, or barium depending on radiologist protocol
Reason for exam	The scan is used to assess disease progression, look for routine issues, or confirm mets when a pt cannot receive IV contrast

Scan Settings – CT Chest, Abdomen, Pelvis without Contrast				
	Siemens SOMATOM Force	Philips iCT/Ingenuity	Canon Aquilion ONE Vision	GE Discovery PET CT
kV Setting:	CAREKV Ref kV= 120	120	120	120
mA/mAs/TCM Setting:	CAREdose4D QRM = 147, Dose Savings Slider at 3	DoseRight DRI = 18, Liver DRI Boost +3	SureExposure3D (SD=11.5)	Smart mA, NI=12.5, 40 %Dose Reduction, 5mm Slice Thickness

Iterative Reconstruction Setting:	Admire Strength 3	iDose 3	AIDR 3D Standard	ASIR 40%
--	-------------------	---------	------------------	----------

Scan and Recon Instructions – CT Chest, Abdomen, Pelvis without Contrast	
1.	Scout – Chin to mid-thigh (Arms above head)
2.	Apices of lungs through bony pelvis (Blue box) - Axial 5mm x 2.5mm (soft tissue) - Coronal 5mm x 2.5mm (soft tissue) - Sagittal 5mm x 2.5mm (soft tissue) - Axial 3mm x 1.5mm (lung) - Coronal 3mm x 1.5mm (lung)