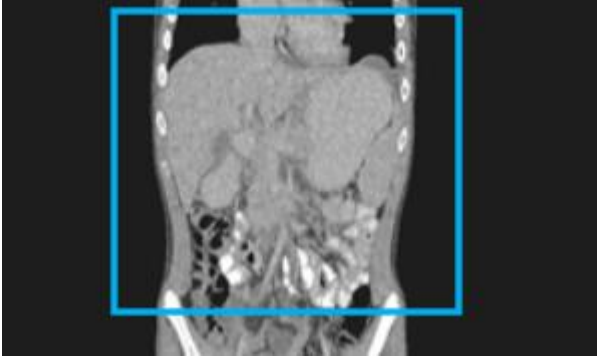


CT Adrenal

Position/Landmark	Feet first supine
Scout	Diaphragm (above the dome of the liver) to Iliac Crest. 
Scan coverage	Above the dome of the liver to the Iliac Crest.
Respiratory Phase	Inspiratory
Scan Type	Helical
IV access	22g or 20g
Contrast	100mL OMNI 350 @ 2.0mL/sec or 3.0mL/sec - Only one contrast injection.
Reason for exam	The scan is used to assess disease progression or look for or characterize lesions within the adrenal glands

Scan Settings – CT Adrenal Protocol (Same for each phase)			
	Siemens SOMATOM Force	Philips iCT/Ingenuity	Canon Aquilion ONE Vision
kV Setting:	CAREKV Ref kV= 120	120	120
mA/mAs/TCM Setting:	CAREDose4D QRM = 147, Dose Savings Slider at 3 for non con, 7 for others	DoseRight DRI = 16, Liver DRI Boost +3	SureExposure3D (SD=11.5)
Iterative Reconstruction Setting:	Admire Strength 3	iDose 3	AIDR 3D Standard

Scan and Recon Instructions - CT Adrenal	
1.	Non-contrast Axial (Blue box) - Axial 5mm x 2.5mm (soft tissue) - Coronal 5mm x 2.5mm (soft tissue) - Sagittal 5mm x 2.5mm (soft tissue)
2.	Venous phase: 90 second delay. (Blue box) 100mL OMNI 350 @ 2.0m-3.0mL/sec - Axial 5mm x 2.5mm (soft tissue) - Coronal 5mm x 2.5mm (soft tissue) - Sagittal 5mm x 2.5mm (soft tissue)
3.	15 minute delay. You can Relax patient's arms down. - After 10-13 minutes bring patient's arms back up.
4.	15 minute delay scan: Scan above the dome of the liver to the Iliac Crest at 15 minutes post-injection. (Blue box) - Axial 5mm x 2.5mm (soft tissue) - Coronal 5mm x 2.5mm (soft tissue) - Sagittal 5mm x 2.5mm (soft tissue)