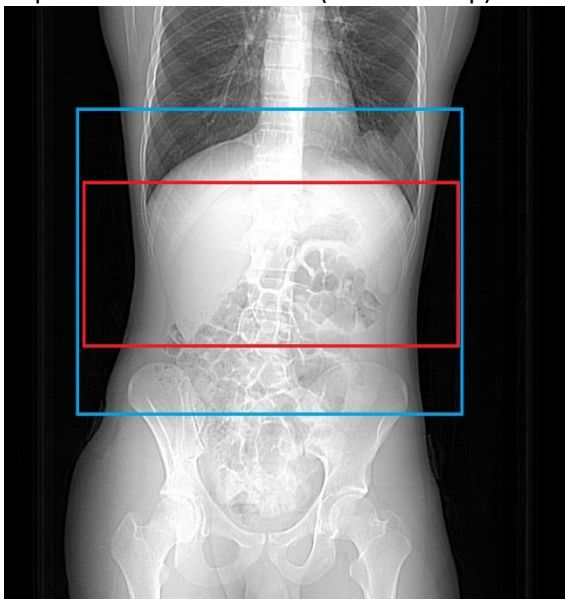


CT Renal Donor

Position/Landmark	Supine Feet First / Above Liver
Scout	Top to Bottom Dual Scout (with arms up) 
Scan coverage	Above the dome of liver to iliac crest.
Respiratory Phase	Inspiratory
Scan Type	Helical
IV access	18g or 20g
PO Prep	None
Contrast	Omnipaque 350 - 125mL @4ml/sec.
Reason for exam	Work-up of a potential renal donor

Scan Settings – CT Renal Donor (Same for each Phase unless noted otherwise)			
	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 Slider Settings at 3 for non con, 7 for other phases	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 Renal Donor	
1.	Scout top of diaphragm to iliac crest
2.	Non-contrast diaphragm to 5cm below aortic bifurcation (blue box) - Axial 2mm x 1mm (soft tissue)
3.	Bolus tracker Mid-Liver in descending Aorta. 125ml of contrast @ 4ml/sec
4.	Arterial diaphragm to 5cm below aortic bifurcation (blue box) - Axial 2mm x 1mm (soft tissue) - Coronal 3mm x 3mm MIP (soft tissue) - Sagittal 3mm x 3mm MIP (soft tissue)
5.	Venous delay -Above kidneys to 5cm below aortic bifurcation. (blue box) - Axial 2mm x 1mm (soft tissue)
6.	Excretory- Above kidneys to below kidneys (red box) - Axial 2mm x 1mm (soft tissue)
7.	Do 3D renal volumes