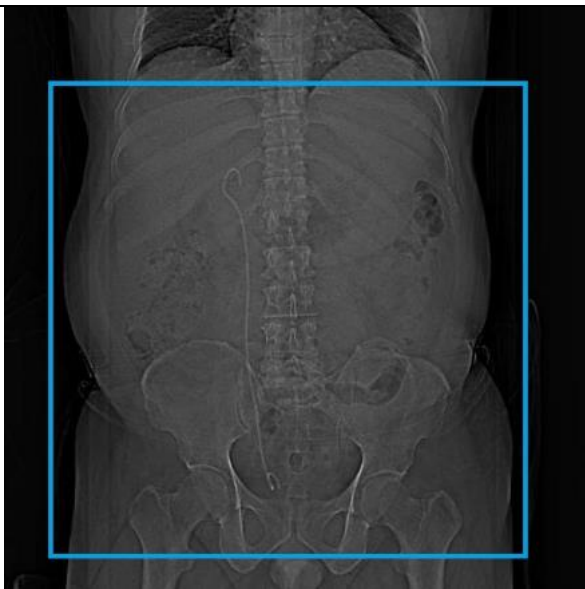


CT Renal Colic WO

Position/Landmark	Feet first. Position at nipple line
Scout	
Scan coverage	Top of kidneys through bladder. Limited study.
Respiratory Phase	Inspiratory
Scan Type	Helical
PO Prep	None
Reason for exam	The scan is used to assess kidney stones in the kidneys, ureters, or bladder. Since these are limited studies, it is okay if not all of the liver and pelvis are included
Exam Notes	Please make sure to select the correct exam - the follow up exam is a low dose study designed for urologist ordering in patient with known stones that require frequent scans

Scan Settings – Renal Colic			
	Siemens SOMATOM Force	Philips iCT/Ingenuity	Canon Aquilion ONE Vision
kV Setting:	CAREkV Ref kV= 120	120	120
mA/mAs/TCM Setting:	CAREdose4D QRM = 105, Dose Slider Setting at 3	DoseRight DRI = 16, Liver DRI Boost +3	SureExposure3D (SD=18)
Iterative Reconstruction Setting:	Admire Strength 3	iDose 3	AIDR 3D Standard

Scan and Recon Instructions - CT Renal Colic WO	
1.	Scout – nipple line to mid-thigh (Arms above head)
2.	Top of kidneys through bladder (Blue box) <i>This can be easier accomplished by “clipping” the top of the liver and bottom ischial tuberosities</i> - Axial 3mm x 1.5mm - Coronal 3mm x 1.5mm - Sagittal 3mm x 1.5mm