

Protocol Name: RENAL CT ADULT	
INDICATIONS: Follow up of renal mass.	LABEL: SCOUT*, NONCONTRAST, ABDOMEN
IV CONTRAST: 100cc nonionic contrast. 2cc/sec, 22ga or better IV.	RECON 1: .625mm thick/.625 mm interval. Std recon at 400ww/30wl.
ORAL CONTRAST: Usually none. One cup of barium every 15 minutes for an hour if patient has renal cell carcinoma.	RECON 2: 2.5mm thick / 2.5 mm interval. Std recon 400ww/30wl.
PATIENT POSITIONING AND SCAN AREA: Patient supine. Feet first. Landmark at mid sternum. 2.5mm cuts are taken in full FOV. Do noncontrast images through kidneys only, do contrast series with 85 sec delay through entire abdomen through bifurcation	ADDITIONAL POST PROCESSING:
GENERAL EXAM GUIDELINES: 2.5 x 2.5 mm axial images without and with contrast in a full FOV. Do 5mm sag and cor DMPRs of the contrast full FOV run. For lesions >3cm reconstruct in 5's	SEND EXAM: Send scout, 2.5mm axials, and DMPR's to pacs
TRIGGER OR CONTRAST DELAY: Noncontrast then 85 sec delay contrast series including entire abdomen	ARCHIVE:
TECHNIQUE GUIDELINES: 120 kvp. Auto ma on. GE ASIR dose reduction 40% less	BILL AS: Usually abdomen w and wo contrast.

- The one exception would be the known solid renal mass that is being followed, which could be worked up with contrast material only

AXIAL IMAGE PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Rocon2	Show Rocon3	Direct Vis
Helical Full 0.6 sec rotation	S0.0 Above kidney	I300.0 Below kidney	0.625 39.37 0.984:1	0.625	S0.0	Large Body	120	550 Dose reduction (40% less) Auto ma on	16.0	0.625mm Std 400ww 30wl	2.5mm Std 400ww 30wl Send to Pacs		Off On for 5mm abdo men image

Phase of respiration - Inspiration