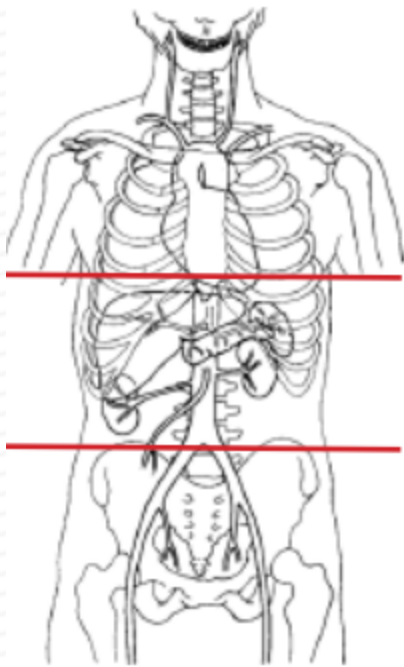


CT RENAL MASS PROTOCOL



Indications	mass found on previous imaging
Patient Position	Supine
Contrast	IV = 100 mL
Injection rate	3.5 mL/sec minimum 22 g prefer 18 g
Respiration	Breath- hold
Scan Parameters	dome of diaphragm to iliac crest only for all phases
Special note	Ordering provider MUST specify KNOWN mass. If hematuria, use CT Urogram protocol. If ordered as CTA renal, use CTA abdomen protocol with 3D recons.



PLANE	ALGORITHM	THICKNESS	DFOV	RECONS/ Reformats
Axial	Lung	5.0 mm	pt largest + 4 cm	Non contrast
Axial	Abdomen	5.0 mm		Non contrast
Axial + C	Abdomen	5.0 mm		30 -45 sec delay
Axial + C	Abdomen	5.0 mm		90 - 100 sec delay
Axial + C	Abdomen	5.0 mm		5 minute DELAY
Coronal + C	Abdomen	5.0 mm		MPR reformats on 30 -45 delay AND 90-100 sec delay

NOTES:

- Use at least 22g needle
- Follow GFR and Metformin protocols for contrast studies
- LMP on pts of child-bearing age
- Shield children when possible

Any deviation from protocol **MUST** be Radiologist approved. Rad Director will be notified if this occurs without prior approval.