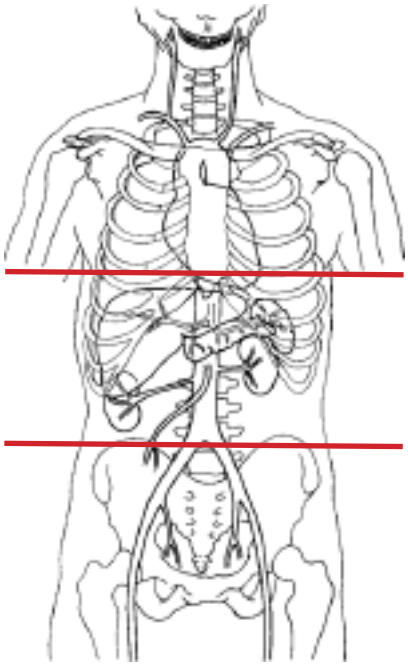
Revised 2/6/2018

CT RENAL MASS PROTOCOL



Pt Position	Supine
Contrast	100 mL contrast
Injection Rate	3.5 mL/sec minimum 20g prefer 18g
Respiration	Breath - hold
Volume Aquisition Specs	Appropriate to achieve images as specified in the following tables
- Dome of diaphragm to Iliac Crest - all phases	
Ordering phys. must specify if this is an KNOWN mass. If Hematuria, refer to CT Urogram/Heamaturia protocol	
If ordered as CTA renal use CTA Abdomen protocol w/ 3D recons	

NOTES:
- LMP on pts of child-bearing age
- Shield children when possible

Topogram (Scout)				
PLANE	**ALGORITHM**	**THICKNESS**	**DFOV**	
Axial	Lung	5.0 mm	pt largest + 4cm	
Axial	Abdomen	5.0 mm	pt largest + 4cm	
Axial +C	Abdomen	5.0 mm	pt largest + 4cm	30-45 secon delay
Axial +C	Abdomen	5.0 mm	pt largest + 4cm	90-100 second delay
Axial +C	Abdomen	5.0 mm	pt largest + 4cm	5 minute delay
Coronal +C	Abdomen	5.0 mm	pt largest + 4cm	MPR reformat on 30-45 sec delay and 90-100 Second delay
Sagittal + C	Abdomen	5.0 mm	pt largest + 4cm	

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