

Adrenal Mass Guideline

Indications: Known or suspected adrenal mass

Oral Contrast: None

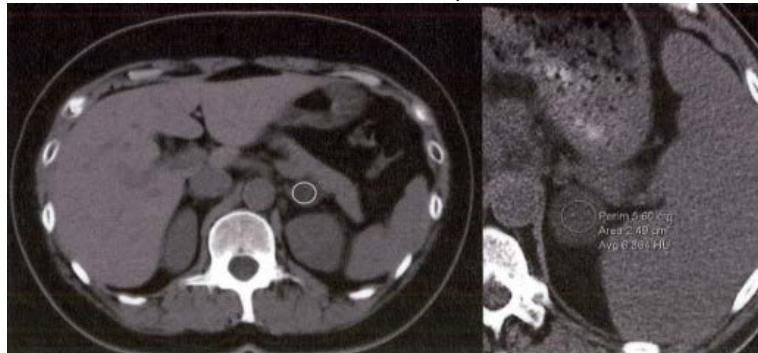
IV Contrast: Yes (See [MRG Contrast Media Administration Policy](#)); 80-100ml at 3ml/sec
Scans: (1) Pre-contrast (2) 60 second delay (3) 15 minute delay (SEE NOTE BELOW)

Upon completion of non-contrast Scan (1):

Position ROI over adrenal mass as follows:

The ROI should occupy more than 2/3 of the mass, excluding calcification or hemorrhage (bright areas)

Position the ROI in the middle of the mass from top to bottom



If the Hounsfield Units are less than 10, STOP. Screen save Hounsfield Units and dismiss patient. If there is any question or uncertainty about measurement, get input from the Radiologist.
 If the Hounsfield Units are greater than 10, continue with the contrast enhanced scans.

Series	1	2 (IF NEEDED)	3 (IF NEEDED)
Positioning	Supine	Supine	Supine
FOV	Patient Size	Patient Size	Patient Size
Axial Reconstruction: Thickness/Interval/Algorithm	(1) 2.5mm/2.5mm/Soft (Include (2) 2.5mm/2.5mm/Bone on this Series if this is the only series performed)	(1) 2.5 mm/2.5mm/Soft (2) 2.5mm/2.5mm/Sharp	(1)2.5mm/2.5mm/Soft
Start Location	Above highest dome of the diaphragm	Above highest dome of the diaphragm	Above highest dome of the diaphragm
End Location	Abd: to iliac crest	Abd: to iliac crest Abd/Pel: through inferior-most bony pelvis	Abd: to iliac crest
Gantry Angle	None	None	None
Reformations: Thickness/Interval/Algorithm	(Include (1) Coronal 2.5mm/2.5mm/Soft (2) Sagittal 2.5mm/2.5mm/Soft, if this is the only series performed)	(1) Coronal 2.5mm/2.5mm/Soft (2) Sagittal 2.5mm/2.5mm/Soft	
Phase of Respiration	Inspiration	Inspiration	Inspiration