

UT Southwestern Department of Radiology

Protocol Name: Adrenal Protocol

Orderable Name: CT ABDOMEN W AND WO IV CONTRAST

Adult Only

Epic Button: Adrenal

CT ABDOMEN WO IV CONTRAST

CTDIvol < 60 mGy
DLP < 10000 mGycm

Indications: Adrenal mass (Non-pheo)

Acquisitions: 1 or 3

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): 3</p> <p>Volume (mL): 150</p> <p>IV Access: Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec)</p> <p>Notes: MD to review noncontrast phase to determine if contrast needed.</p>	<p>Other Contrast: None</p>	<p>Airway Full inspiration</p> <p>Other Notes Consult body habitus kVp selection chart.</p> <p>Need for IV contrast will not be known until after the noncontrast phase is done.</p> <p>Schedule as W & WO, but may be changed to just WO based on noncontrast appearance.</p>
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Last Change: 1/17/2024

Last Review: 1/17/2024

Links: [kVp Body Chart](#) [General Statements](#)

Special Instructions	MD to check after noncontrast to see if IV contrast needed	Only if MD OK's after noncontrast. Perform on same scanner as the noncontrast exam.	Only if MD OK's after noncontrast. Perform on same scanner as the noncontrast exam.
Acq # / Series Name	1 Noncontrast	2 Portal Venous	3 15 Min Delayed
Phase Timing		Bolus tracking	15 Min Delayed
Acquisition Protocol	Abdominal Contrast 3mm	Abdominal Contrast 3mm	Abdominal Contrast 3mm
Coverage	Diaphragm thru adrenals	Adrenals	Adrenals
FOV	ROI on adrenals, Whole body	ROI on adrenals, Whole body	ROI on adrenals
Algorithm	Soft Tissue	Soft Tissue	Soft Tissue
Axial Recons	3 mm	3 mm	3 mm
Other Planar Recons	2 mm coronal and sagittal (whole body)	2 mm coronal and sagittal (whole body)	2 mm coronal and sagittal
MIP Recons			
†DECT Philips		mono E 50, SBI	mono E 50, SBI
†DECT Siemens		mono E 50	mono E 50
†PC-CT Siemens		mono E 60	mono E 60

† When dual energy (DE) or photon counting (PC) CT is used

