

# UT Southwestern Department of Radiology

**Protocol Name:** Adrenal Protocol

**Epic Button:** Adrenal

**Indications:** Adrenal mass (Non-pheo)

**Orderable Name:** CT ABDOMEN W AND WO IV CONTRAST

CT ABDOMEN WO IV CONTRAST

Adult Only

CTDIvol < 60 mGy  
DLP < 10000 mGycm

**# Acquisitions:** 1 or 3

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> <a href="#">Link to Contrast Information</a> <b>Rate (ml/sec):</b> 3 <b>Volume (ml):</b> 150 <b>IV Access:</b> Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec)  <b>Notes:</b> MD to review noncontrast phase to determine if contrast needed.	<b>Other Contrast:</b> None	<b>Airway</b> Full inspiration  <b>Other Notes</b> Consult body habitus kVp selection chart.  Need for IV contrast will not be known until after the noncontrast phase is done.  Schedule as W & WO, but may be changed to just WO based on noncontrast appearance.
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Last Change: 1/7/2025

Last Review: 1/7/2025

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

<b>Special Instructions</b>	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.
<b>Acq # / Series Name</b>	<b>1</b> Noncontrast	<b>2</b> Portal Venous	<b>3</b> 15 Min Delayed
<b>Phase Timing</b>		Bolus tracking	15 Min Delayed
<b>Acquisition Protocol</b>	<a href="#">Abdominal Contrast 3mm</a>	<a href="#">Abdominal Contrast 3mm</a>	<a href="#">Abdominal Contrast 3mm</a>
<b>Coverage</b>	Diaphragm thru adrenals	Adrenals	Adrenals
<b>FOV</b>	Whole body	Whole body	Whole body
<b>Algorithm</b>	Soft Tissue	Soft Tissue	Soft Tissue
<b>Axial Recons</b>	3 mm	3 mm	3 mm
<b>Other Planar Recons</b>	2 mm coronal and sagittal (whole body)	2 mm coronal and sagittal (whole body)	2 mm coronal and sagittal
<b>MIP Recons</b>			
<b>†DECT Philips</b>		mono E 50, SBI	mono E 50, SBI
<b>†DECT Siemens</b>		mono E 50	mono E 50
<b>†PC-CT Siemens</b>	mono E 70	mono E 70	mono E 70

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

