

# UT Southwestern Department of Radiology

**Protocol Name:** Abdomen 4 Phase

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

Adult Only

**Epic Button:** Abd 4

CTDIvol < 60 mGy

**Indications:** HCC, cholangiocarcinoma, new liver mass, hepatic steatosis

DLP < 12500 mGycm

**# Acquisitions:** 4

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> <a href="#">Link to Contrast Information</a> <b>Rate (ml/sec):</b> P3T <b>Volume (ml):</b> P3T <b>IV Access:</b> Power injection: 20g or larger in large vein (prefer AC fossa or forearm)  <b>Notes:</b>	<b>Other Contrast:</b> None	<b>Airway</b> Full inspiration  <b>Other Notes</b> Consult body habitus kVp selection chart.
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Last Change: 1/7/2025

Last Review: 1/7/2025

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

<b>Special Instructions</b>				
<b>Acq # / Series Name</b>	<b>1</b> Noncontrast	<b>2</b> Late Arterial	<b>3</b> Portal Venous	<b>4</b> 5 Min Delayed
<b>Phase Timing</b>		Bolus tracking	Bolus tracking	5 Min Delayed
<b>Acquisition Protocol</b>	<a href="#">Abdominal Contrast 3mm</a>	<a href="#">Abdominal Contrast 3mm</a>	<a href="#">Abdominal Contrast 3mm</a>	<a href="#">Abdominal Contrast 3mm</a>
<b>Coverage</b>	Liver	Liver	Diaphragm to iliac crest (all of liver)	Liver
<b>FOV</b>	Whole body	Whole body	Whole body	Whole body
<b>Algorithm</b>	Soft Tissue	Soft Tissue	Soft Tissue	Soft Tissue
<b>Axial Recons</b>	3 mm	3 mm	3 mm	3 mm
<b>Other Planar Recons</b>	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal
<b>MIP Recons</b>				
<b>†DECT Philips</b>		mono E 50, SBI	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 60	mono E 60	mono E 60	mono E 60

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