

# UT Southwestern Department of Radiology

**Protocol Name: Abdomen 2 Phase**

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

Adult Only

**Epic Button: Abd 2**

CTDIvol < 60 mGy  
DLP < 7500 mGycm

**Indications:** Hypervascular liver metastasis (melanoma, breast, carcinoid, neuroendocrine, sarcoma, GIST, RCC, thyroid, islet cell tumor), pheochromocytoma, elevated metanephries, post-op RCC, post liver

**# Acquisitions: 2**

Active Protocol

<p><b>Oral Contrast:</b> Redicat (barium)</p> <p><b>H2O Variant:</b> Omnipaque (water soluble)</p> <p><b>Oral Effervescent Granules on Table?</b> <input type="checkbox"/></p> <p><b>Regimen:</b> See General Statements Worksheet</p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. Use water as oral contrast for Renal, Breast, and Neuroendocrine cancers</li> <li>2. Use H2O variant for all inpatients</li> </ol>	<p><b>IV Contrast:</b> <a href="#">Link to Contrast Information</a></p> <p><b>Rate (ml/sec):</b> P3T</p> <p><b>Volume (ml):</b> P3T</p> <p><b>IV Access:</b></p> <p>Power injection: 20g or larger in large vein (prefer AC fossa or forearm)</p> <p><b>Notes:</b></p>	<p><b>Other Contrast:</b> None</p>	<p><b>Airway</b></p> <p>Full inspiration</p> <p><b>Other Notes</b></p> <p>Consult body habitus kVp selection chart.</p>
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Last Change: 2/1/2023

Last Review: 1/7/2025

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

<b>Special Instructions</b>		
<b>Acq # / Series Name</b>	<b>1</b> Late Arterial	<b>2</b> Portal Venous
<b>Phase Timing</b>	Bolus tracking	Bolus tracking
<b>Acquisition Protocol</b>	<a href="#">Abdominal Contrast 5mm</a>	<a href="#">Abdominal Contrast 5mm</a>
<b>Coverage</b>	Liver (all of kidneys for RCC)	Diaphragm to iliac crest (all of liver; all of kidneys for RCC)
<b>FOV</b>	Whole body	Whole body
<b>Algorithm</b>	Soft Tissue	Soft Tissue
<b>Axial Recons</b>	5 mm	5 mm
<b>Other Planar Recons</b>	4 mm coronal and sagittal	4 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 60	mono E 60

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

