

UT Southwestern Department of Radiology

Protocol Name: Abdomen 2 Phase

Orderable Name: CT ABDOMEN W IV CONTRAST

Adult only

Protocol 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 metanephrines, post-op RCC, post liver transplant surveillance

Active Protocol

Acquisitions: 2

<p>Oral Contrast: Redicat (barium)</p> <p>H2O Variant: Omnipaque (water soluble)</p> <p>Oral Effervescent Granules on Table? <input type="checkbox"/></p> <p>Regime: See General Statements Worksheet</p> <p>Notes: 1) Use water as oral contrast for Renal, Breast, and Neuroendocrine cancers 2) Use H2O variant for all inpatients</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): P3T Volume (mL): P3T</p> <p>IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm)</p> <p>Notes:</p>	<p>Other Contrast: None</p>	<p>Airway: Full inspiration</p> <hr/> <p>Other Notes: Consult body habitus kVp selection chart.</p>
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Last Change: 1/19/2022

Last Review: 1/19/2022

Links: [kVp Body Chart](#)

[General Statements](#)

Special Instructions		
Series Name	1 Late Arterial	2 Portal Venous
Phase Timing	Bolus tracking	Bolus tracking
Acquisition Protocol	Abdominal Contrast 5mm	Abdominal Contrast 5mm
Coverage	Liver (all of kidneys for RCC)	Diaphragm to iliac crest (all of liver; all of kidneys for RCC)
FOV	Whole body	Whole body
Algorithm	Soft Tissue	Soft Tissue
Primary Axial Recon	5 mm	5 mm
Other Recons	4 mm coronal and sagittal	4 mm coronal and sagittal
MIP Recons		
*Dual Energy Philips	mono E 50, SBI	mono E 50, SBI
*Dual Energy Siemens	VNC, Iodine map, mono E 50	VNC, Iodine map, mono E 50

* When dual energy or spectral CT is used

