

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>Oral Contrast: Redicat (barium) H2O Variant: Omnipaque (water soluble) Oral Effervescent Granules on Table? <input type="checkbox"/> Regime: See General Statements Worksheet 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 Rate (mL/sec): P3T Volume (mL): P3T IV Access: Power injection: 20g or larger in large vein (prefer AC fossa or forearm) Notes:</p>	<p>Other Contrast: None Airway: Full inspiration Other Notes: Consult body habitus kVp selection chart.</p>
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Last Change: 2/1/2023

Last Review: 1/17/2024

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

Special Instructions		
Acq # / 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
Axial Recons	5 mm	5 mm
Other Planar Recons	4 mm coronal and sagittal	4 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

