

UT Southwestern Department of Radiology

Protocol Name: Abdomen 4 Phase

Orderable Name: CT ABDOMEN W AND WO IV CONTRAST

Adult only

Protocol Epic Button: Abd 4

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

CTDIvol < 60 mGy
DLP < 12500 mGycm

Acquisitions: 4

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information 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 Noncontrast	2 Late Arterial	3 Portal Venous	4 5 Min Delayed
Phase Timing		Bolus tracking	Bolus tracking	5 Min Delayed
Acquisition Protocol	Abdominal Contrast 3mm	Abdominal Contrast 3mm	Abdominal Contrast 3mm	Abdominal Contrast 3mm
Coverage	Liver	Liver	Diaphragm to iliac crest (all of liver)	Liver
FOV	Whole body	Whole body	Whole body	Whole body
Algorithm	Soft Tissue	Soft Tissue	Soft Tissue	Soft Tissue
Primary Axial Recon	3 mm	3 mm	3 mm	3 mm
Other Recons	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal
MIP Recons				
*Dual Energy Philips		mono E 50, SBI	mono E 50, SBI	mono E 50, SBI
*Dual Energy Siemens		Iodine map, mono E 50	Iodine map, mono E 50	

* When dual energy or spectral CT is used