

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

DLP < 12500 mGycm

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

Acquisitions: 4

Active Protocol

<p>Oral Contrast: None</p>	<p>IV Contrast: Link to Contrast Information</p> <p>Rate (mL/sec): P3T</p> <p>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: 2/1/2023

Last Review: 1/17/2024

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

Special Instructions				
Acq # / 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
Axial Recons	3 mm	3 mm	3 mm	3 mm
Other Planar Recons	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal	2 mm coronal and sagittal
MIP Recons				
†DECT Philips		mono E 50, SBI	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