

# UT Southwestern Department of Radiology

**Protocol Name: Abdomen 1 Phase**

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

Adult Only

**Epic Button: Abd 1**

CTDIvol < 60 mGy  
DLP < 5000 mGycm

**Indications:** Pancreatitis, follow-up pseudocyst

**# Acquisitions: 1**

Active Protocol

<p><b>Oral Contrast:</b> Redicat (barium)  <b>H2O Variant:</b> Omnipaque (water soluble)  <b>Oral Effervescent Granules on Table?</b> <input type="checkbox"/>  <b>Regime:</b> See General Statements Worksheet  <b>Notes</b>          1. ED - Use H2O variant if abd surgery in &lt; 2 weeks, otherwise no oral contrast          2. Use H2O variant for all inpatients          3. Use water for head/ neck, lung, prostate, testicular &amp; gastric CA          4. Gastric CA with prior surgery - water only; otherwise use water and effervescent crystals</p>	<p><b>IV Contrast:</b> <a href="#">Link to Contrast Information</a>  <b>Rate (mL/sec):</b> P3T  <b>Volume (mL):</b> P3T  <b>IV Access:</b>          Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec)  <b>Notes:</b></p>	<p><b>Other Contrast:</b> None</p>	<p><b>Airway</b> Full inspiration</p> <hr/> <p><b>Other Notes</b> Consult body habitus kVp selection chart.</p>
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Last Change: 1/17/2024

Last Review: 1/17/2024

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

<b>Special Instructions</b>	If performed concurrently with a contrast enhanced chest CT, send axial images from that phase from diaphragm below as a separate series on this exam (use chest protocol settings)
<b>Acq # / Series Name</b>	<b>1</b> Portal Venous
<b>Phase Timing</b>	Bolus tracking or Empiric timing of 65 seconds
<b>Acquisition Protocol</b>	<a href="#">Abdominal Contrast 5mm</a>
<b>Coverage</b>	Diaphragm to iliac crest (all of liver)
<b>FOV</b>	Whole body
<b>Algorithm</b>	Soft Tissue
<b>Axial Recons</b>	5 mm
<b>Other Planar Recons</b>	4 mm coronal and sagittal
<b>MIP Recons</b>	
<b>†DECT Philips</b>	mono E 50, SBI
<b>†DECT Siemens</b>	VNC, mono E 50
<b>†PC-CT Siemens</b>	VNC, mono E 60

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

