

# UT Southwestern Department of Radiology

**Protocol Name:** Abd/Pelvis 1 Phase

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

Adult only

**Protocol Epic Button:** AP 1

CTDIvol < 60 mGy  
DLP < 5000 mGycm

**Indications:** Abscess, lymphoma, adenocarcinoma, squamous cell carcinoma, post bariatric surgery, pancreatitis, follow-up pseudocyst

Active Protocol

**# Acquisitions:** 1

<p><b>Oral Contrast:</b> Redicat (barium)</p> <p><b>H2O Variant:</b> Omnipaque (water soluble)</p> <p><b>Oral Effervescent Granules on Table?</b> <input checked="" type="checkbox"/></p> <p><b>Regime:</b> See General Statements Worksheet</p> <p><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></p> <p><b>Rate (mL/sec):</b> P3T    <b>Volume (mL):</b> P3T</p> <p><b>IV Access:</b> Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec)</p> <p><b>Notes:</b></p>	<p><b>Other Contrast:</b> None</p>	<p><b>Airway:</b> Full inspiration</p> <p><b>Other Notes:</b> Consult body habitus kVp selection chart. Make sure to go through inguinal region for penile cancer or perirectal abscess. For bariatric surgery patient - drink slowly as much as tolerated, give additional 30 cc of oral contrast on CT scanner</p>
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Last Change: 1/19/2022

Last Review: 1/19/2022

Links:

[kVp Body Chart](#)

[General Statements](#)

<p><b>Special Instructions</b></p>	<p>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)</p>
<p><b>Series Name</b></p>	<p>1 Portal Venous</p>
<p><b>Phase Timing</b></p>	<p>Bolus tracking</p>
<p><b>Acquisition Protocol</b></p>	<p><a href="#">Abdominal Contrast 5mm</a></p>
<p><b>Coverage</b></p>	<p>Diaphragm thru symph</p>
<p><b>FOV</b></p>	<p>Whole body</p>
<p><b>Algorithm</b></p>	<p>Soft Tissue</p>
<p><b>Primary Axial Recon</b></p>	<p>5 mm</p>
<p><b>Other Recons</b></p>	<p>4 mm coronal and sagittal</p>
<p><b>MIP Recons</b></p>	<p></p>
<p><b>*Dual Energy Philips</b></p>	<p>mono E 50, SBI</p>
<p><b>*Dual Energy Siemens</b></p>	<p>VNC, Iodine map, mono E 50</p>

\* When dual energy or spectral CT is used

