UT Southwestern Department of Radiology

Protocol Name: Abdomen 1 Phase
Epic Button: Abd 1
Indications: Pancreatitis, follow-up pseudocyst

Orderable Name: CT ABDOMEN W IV CONTRAST

Adult Only

CTDIvol < 60 mGy
DLP < 5000 mGycm

 # Acquisitions: 1

Active Protocol

Oral Contrast: Redicat (barium)
H2O Variant: Omnipaque (water soluble)
Oral Effervescent Granules on Table? ☐

Regimen:
See General Statements Worksheet

Notes:
1. ED - Use H2O variant if abd surgery in < 2 weeks, otherwise no oral contrast
2. Use H2O variant for all inpatients
3. Use water for head/ neck, lung, prostate, testicular & gastric CA
4. Gastric CA with prior surgery - water only; otherwise use water and effervescent crystals

IV Contrast: Link to Contrast Information
Rate (ml/sec): P3T
Volume (ml): P3T
IV Access:
Power injection: 20g or larger strongly prefered (if 22g use reduce rate to 2.5 mL/sec)

Notes:

Other Contrast: None

Airway
Full inspiration

Other Notes
Consult body habitus kVp selection chart.

Last Change: 1/7/2025 **Last Review:** 1/7/2025 **Links:** kVp Body Chart General Statements

Special Instructions		
Acq # / Series Name	1	Portal Venous
Phase Timing		Bolus tracking or Empiric timing of 65 seconds
Acquisition Protocol		Abdominal Contrast 5mm
Coverage		Diaphragm to iliac crest (all of liver)
FOV		Whole body
Algorithm		Soft Tissue
Axial Recons		5 mm
Other Planar Recons		4 mm coronal and sagittal
MIP Recons		
†DECT Philips		mono E 50, SBI
†DECT Siemens		VNC, mono E 50
†PC-CT Siemens		VNC, mono E 60

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