

CT BODY PROTOCOLS

**indicates no protocol needed from radiologist*

CTA/CTV	Standard	Multiphase (Cont.)
CTA Abdomen/Pelvis	Abdomen/Pelvis With	Pancreas
CTA Abdomen/Pelvis FOR DIEAP	Abdomen/Pelvis Without	Pancreas & Pelvis
CTA Abdomen/Pelvis w/ Delay	Kidney Stone *	Pancreas & Chest/Abdomen/Pelvis
CTA Runoff/Lower Extremity Runoff	Chest/Abdomen/Pelvis With	Liver 2 Phase
CTA Upper Extremity Runoff	Chest/Abdomen/Pelvis TRAUMA ALERT	Liver 2 Phase & Pelvis
CTA Thorax/Abdomen Pelvis for Dissection	Chest/Abdomen/Pelvis Without	Liver 3 Phase
CTA Mesenteric Ischemia	Chest/Abdomen/Pelvis & Neck	4PHASE LIVER (formerly POST RFA)
CTA Pulmonary Arteries & Abdomen/Pelvis	Pelvis	Liver Cholangiocarcinoma – Abdomen Only
	CT Colonography	Liver Cholangiocarcinoma Abdomen/Pelvis
CTV Abdomen/Pelvis	CT Enterography	Liver Cholangiocarcinoma Chest/Abdomen/Pelvis
CTV Upper Extremity	CT Cystography	Kidney Donor
CTV Lower Extremity	Whole Body for Multiple Myeloma	Renal Mass
	Multiphase	Renal Mass & Pelvis
	Adrenals	Urogram 2 Phase
	GI Bleed	Urogram 3 Phase

ABDOMEN & PELVIS

REVIEWED 5/21/26

ORAL PREP	AS PROTOCOLLED BY RADIOLOGIST
SCAN	PV PHASE 60-70 SEC AFTER INJECTION STARTS
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	2-3CC/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	XYPHOID
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	70 SEC

ABDOMEN/PELVIS WITHOUT

REVIEWED 5/21/26

ORAL PREP	PROTOCOLLED BY RADIOLOGIST IF NEEDED
SCAN	NON CONTRAST
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm– STANDARD ALGORITHM (for reformats not to PACS)
REFORMAT	○ 3mm CORONAL AND SAGITTAL STANDARD
3D POST PROCESSING	NONE

PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>

ADRENALS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. NON-CONTRAST – ADRENALS ONLY 2. PV PHASE – ENTIRE ABDOMEN 3. 15 MINUTE DELAY – ADRENALS ONLY
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM – ALL PHASES • 0.6 / 0.625mm STANDARD ALGORITHM – ALL PHASES (for reformats not to PACS)
REFORMAT	○ 3mm CORONAL AND SAGITTAL – ALL PHASES
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4CC/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	PV PHASE	DELAYED
START	ABOVE ADRENALS	ABOVE DIAPHRAGM	ABOVE ADRENALS
END	BELOW ADRENALS	ILIAC CREST	BELOW ADRENALS
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	NONE	70 SEC	15 MINUTE

CHEST/ABDOMEN/PELVIS WITH

REVIEWED 5/21/26

ORAL PREP	SELECT FROM LIST
SCAN	PV PHASE 60-70 SEC AFTER INJECTION STARTS
RECON	• 3.0mm / 3.75mm AXIAL RECONS - STANDARD ALGORITHM • 0.6mm / 0.625mm STANDARD ALGORITHM (for reformats, not sent to PACS) • 3.0mm / 3.75mm AXIAL RECONS - LUNG ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL ○ 1.25mm q 10mm AXIAL LUNG MIPS—made off STD window
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	2-3cc /SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE SHOULDERS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE APICES
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	70 SEC

CHEST/ABDOMEN/PELVIS WITHOUT

REVIEWED 5/21/26

ORAL PREP	SELECT FROM LIST
SCAN	NON CONTRAST
RECON	• 3.0mm / 3.75mm AXIAL RECONS - STANDARD ALGORITHM • 0.6mm / 0.625mm- STANDARD ALGORITHM (for reformats, not sent to PACS) • 3.0mm / 3.75mm AXIAL RECONS - LUNG ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL ○ 1.25mm q 10mm AXIAL LUNG MIPS—made off STD window
3D POST PROCESSING	NONE

PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE SHOULDERS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE APICES
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>

CHEST/ABDOMEN/PELVIS & NECK

REVIEWED 5/21/26

ORAL PREP	SELECT FROM LIST
SCAN	PV C/A/P ~70 SECONDS AFTER START OF INJECTION NECK SCAN 25 SECOND DELAY AFTER CAP SCAN
RECON	• 5.0mm AXIAL RECONS – DETAIL ALGORITHM (NOT SENT TO PACS) • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (C/A/P) • 3.0mm / 3.75mm AXIAL RECONS – LUNG ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (C/A/P) • 2.0mm / 2.5mm AXIAL RECONS – STANDARD ALGORITHM (NECK) • 0.625mm / 1.25MM AXIAL RECONS– STANDARD ALGORITHM (NECK) • 0.6mm / 0.625mm AXIAL RECONS – BONE ALGORITHM (HYOID TO TOP OF SCAN) • 0.625mm AXIAL RECONS – STANDARD ALGORITHM – ANGLED CUTS AS NEEDED, IMAR IF SCANNER DOESN'T ANGLE
REFORMAT	○ 3mm CORONAL AND SAGITTAL (C/A/P) ○ 1.25mm q 10mm AXIAL LUNG MIPS—made off STD window ○ 2mm CORONAL AND SAGITTAL (NECK)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED - OMNIPAQUE 350
INJECTION RATE	3cc/SEC
PT POSITION	SUPINE / FEET FIRST / ARMS UP (C/A/P) / ARMS DOWN (NECK)
LANDMARK	ABOVE EARS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL (ARMS DOWN)

PARAMETER	C/A/P	NECK
START	ABOVE APICES	TOP OF EAR
END	BELOW SYMPHYSIS PUBIS	BELOW CLAVICLES
DFOV	<TO PATIENT>	20
PREP GROUP	70 SEC	25 SEC

CHEST/ABDOMEN/PELVIS (TRAUMA ALERT)

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	CHEST THROUGH RENALS: 25 SEC AFTER START OF INJECTION ABD PEL: 30 SEC DELAY AFTER CHEST SCAN
RECON	• 3.0mm / 3.75mm AXIAL RECONS - STANDARD ALGORITHM • 0.6mm / 0.625mm STANDARD ALGORITHM (for reformats, not sent to PACS) • 3.0mm / 3.75mm AXIAL RECONS - LUNG ALGORITHM • 1.25mm BONE ALGORITHM (ONLY IF T/L SPINE RECONSTRUCTIONS ARE REQUESTED)
REFORMAT	○ 3mm CORONAL AND SAGITTAL ○ 1.25mm q 10mm AXIAL LUNG MIPS—made off STD window ○ 2mm CORONAL AND SAGITTAL SPINE (ONLY IF REQUESTED –FOV TO COVER SPINE ONLY, NOT ENTIRE CHEST/ABD/PEL)
3D POST PROCESSING	NONE

IV CONTRAST		WEIGHT BASED
INJECTION RATE		4CC /SEC
PT POSITION		SUPINE / FEET FIRST
LANDMARK	GE	STERNAL NOTCH
	SIEMENS	ABOVE SHOULDERS
BREATHING		INSPIRATION
SCOUTS		AP AND LATERAL

PARAMETER	SCAN CHEST	SCAN ABD PEL
START	ABOVE APICES	ABOVE DIAPHRAGM
END	BELOW KIDNEYS	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	25 SECONDS AFTER START OF INJECTION	30 SECOND DELAY AFTER CT CHEST SCAN

CTA ABDOMEN/PELVIS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	ARTERIAL PHASE ABDOMEN/PELVIS
RECON	• 3.0mm / 2.5mm AXIAL RECON – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECON – STANDARD ALGORITHM
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL AND SAGITTAL
3D POST PROCESSING	3D ROTATION AORTA MIP ROTATION AORTA / RT ILIAC / LT ILIAC MAX VESSEL MEASUREMENT

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	CTA
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	SMART PREP AORTA ABOVE CELIAC ARTERY

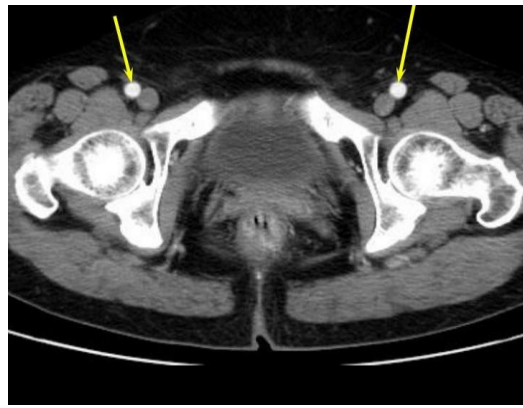
CTA ABDOMEN/PELVIS FOR DIEAP

REVIEWED 5/21/26

ORAL PREP	NONE
PATIENT PREP	WARM BLANKET ON ABDOMEN PRIOR TO SCANNING, REMOVE ALL CLOTHING FROM ABDOMEN/PELVIS AREA, INCLUDING UNDERGARMENTS
SCAN	SCAN GROIN TO JUST ABOVE DIAPHRAGM, CAUDOCRANIAL ARTERIAL PHASE ABDOMEN/PELVIS
RECON	• 3.0mm / 2.5mm AXIAL RECON – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECON – STANDARD ALGORITHM
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL, SAGITTAL, AXIAL
3D POST PROCESSING	YES

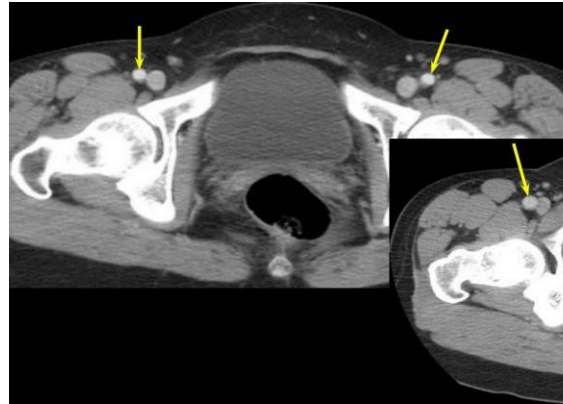
IV SIZE	18g
IV CONTRAST	150cc omni 350 with 50cc saline flush
INJECTION RATE	5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	CTA
START	BELOW SYMPHYSIS PUBIS
END	ABOVE DIAPHRAGM
DFOV	<TO PATIENT>
PREP GROUP	SMART PREP COMMON FEMORAL ARTERY @ LEVEL OF SYMPHYSIS PUBIS (see images below for placement) **for best ROI placement, zoom/magnify your pre-monitoring image to accurately place the ROI in the FA

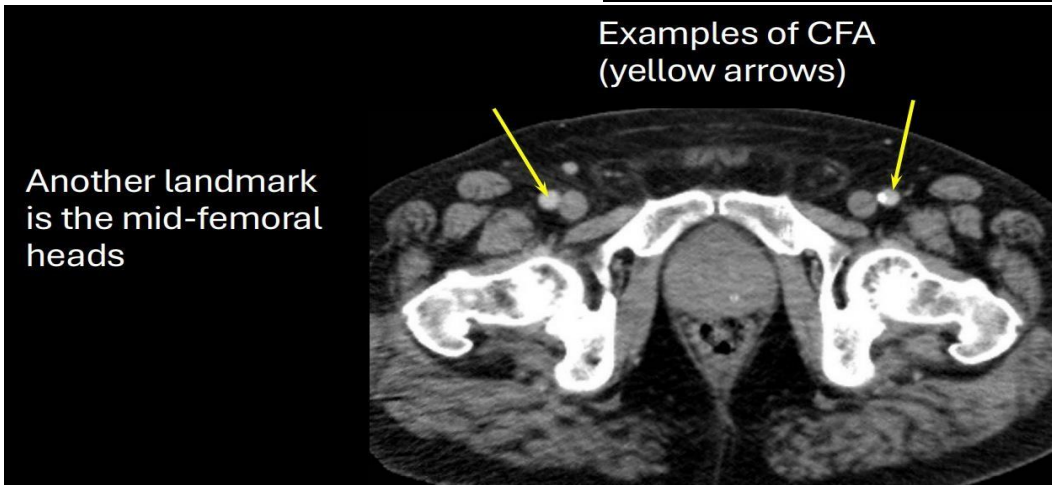


Look for CFA just above level of pubic symphysis

The artery (yellow arrows) is lateral to the vein

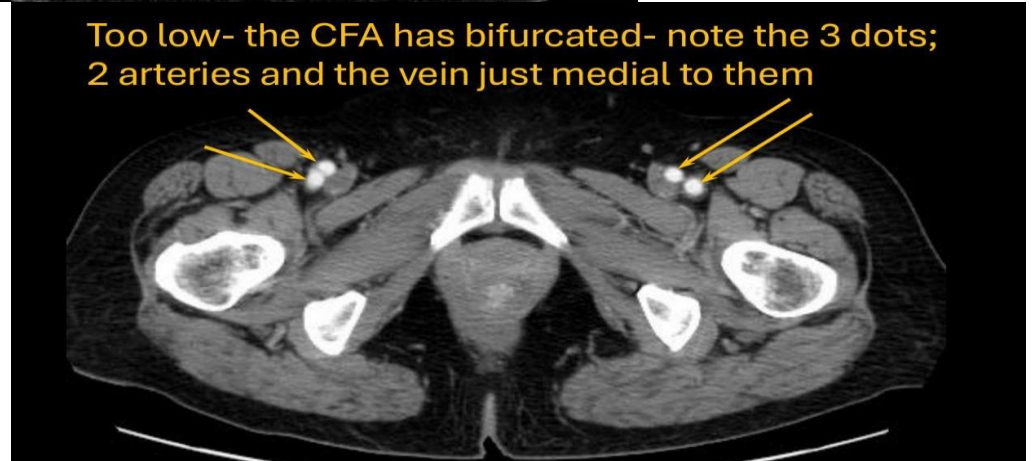


Examples of CFA (yellow arrows)



Examples of CFA (yellow arrows)

Another landmark is the mid-femoral heads



Too low- the CFA has bifurcated- note the 3 dots; 2 arteries and the vein just medial to them

CTA ABDOMEN/PELVIS W/ DELAY

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. ARTERIAL ABDOMEN/PELVIS 2. 120 SEC DELAY THROUGH STENT
RECON	• 2.5mm / 3.0mm AXIAL RECON – STANDARD ALGORITHM (CTA) • 0.6mm / 0.625mm / 1.25mm AXIAL RECON – STANDARD ALGORITHM (CTA) • 3.0mm / 3.75mm AXIAL RECON – STANDARD ALGORITHM (DELAY)
REFORMAT	○ 3.0mm q 1.25mm MIP CORONAL AND SAGITTAL
3D POST PROCESSING	3D ROTATION AORTA MIP ROTATION AORTA / RT ILIAC / LT ILIAC MAX VESSEL MEASUREMENT

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	CTA	DELAY
START	ABOVE DIAPHRAGM	ABOVE STENT
END	BELOW SYMPHYSIS PUBIS	BELOW STENT
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	SMART PREP AORTA ABOVE CELIAC ARTERY	120 SEC

CTA AORTA WITH LOWER EXTREMITY RUNOFF

/CTA LOWER EXTREMITY RUNOFF

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	CTA ABDOMEN THROUGH TOES DELAY SCAN: KNEES THROUGH TOES, NO DELAY, SCANNED IMMEDIATELY AFTER INITIAL SCAN **If exam is specified as a CTA lower extremity runoff, then start above femoral heads and scan through toes. Perform delay scan knees through toes as well**
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm AXIAL RECONS – STANDARD ALGORITHM (DELAY)
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL RECONS IN 4 SEPARATE SERIES WITH OVERLAP: ○ ABDOMEN AND PELVIS ○ THIGH ○ LOWER LEG ○ LOWER LEG (DELAY) ○ 3.0mm q 1.5mm MIP SAGITTAL RECONS IN 4 SEPARATE SERIES WITH OVERLAP: ○ ABDOMEN AND PELVIS ○ THIGH ○ LOWER LEG ○ LOWER LEG (DELAY)
3D POST PROCESSING	✚ BODY BONE REMOVAL MIP ROTATION (DE SCAN) ✚ BODY BONE REMOVAL WITHOUT PLAQUES MIP ROTATION (DE SCAN) ✚ BODY BONE REMOVAL WITHOUT PLAQUES AXIAL IMAGES (DE SCAN) ✚ 3D ROTATION ARTERIES (NON DE SCANS) ○ ENTIRE SCAN ✚ CURVED MIP ROTATION ○ AORTA ○ RT AND LT ILIACS ○ RT AND LT FEMORALS

IV CONTRAST	150cc OMNIPAQUE 350
INJECTION RATE	5cc/SEC
PT POSITION	SUPINE / FEET FIRST / TOES TAPED TOGETHER
LANDMARK	ABOVE DIAPHRAGMS **above femoral heads for lower extremity
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	CTA
START	ABOVE DIAPHRAGM **lower extremity—above femoral heads
END	THROUGH TOES
DFOV	<TO PATIENT>

CTA MESENTERIC ISCHEMIA

REVIEWED 5/21/26

SCAN	1. SPLIT INJECTION (total 150cc) 2. Inject 100cc contrast, then hold 25sec 3. Inject remaining 50cc with smart prep on aorta 4. Scan ABDOMEN AND PELVIS
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM (VUE)—send to PACS • 1.25mm AXIAL -- STANDARD ALGORITHM AXIAL RECONS
REFORMAT	○ 2mm q 2mm MIP CORONAL AND SAGITTAL ○ 3.0mm CORONAL AND SAGITTAL
3D POST PROCESSING	✚ 3D ROTATION AORTA ✚ 2mm MIP DOUBLE OBLIQUE IMAGES VISCERAL ORIGINS ✚ CURVED REFORMAT AORTA

IV SIZE	18g OR 20g
IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	PV ABD/PELVIS
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	SMART PREP AORTA ABOVE CELIAC ARTERY

CTA PULMONARY ARTERIES & ABDOMEN/PELVIS

REVIEWED 5/21/26

ORAL PREP	SELECT FROM LIST
SCAN	1. CTA CHEST (TIMED OFF PULMONARY ARTERY) 2. PV ABDOMEN/PELVIS ~60-70 SEC AFTER START OF INJECTION
RECON	• 2.5mm / 3.0mm AXIAL RECONS - STANDARD ALGORITHM (CHEST) • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (A/P) • 2.5mm / 3.0mm AXIAL RECONS - LUNG ALGORITHM • 1.25mm / 1.5mm AXIAL RECONS - STANDARD ALGORITHM (CHEST) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (A/P)
REFORMAT	○ 3mm q 1.5mm MIP CORONAL AND SAGITTAL (CHEST) ○ 3mm CORONAL AND SAGITTAL (BOTH)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE SHOULDERS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	CTA CHEST	PV ABD/PELVIS
START	ABOVE APICES	ABOVE DIAPHRAGM
END	BELOW DIAPHRAGM	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	SMART PREP AORTIC ARCH	70 SEC

CTA THORAX/ABDOMEN/PELVIS FOR DISSECTION

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	ARTERIAL CHEST/ABDOMEN/PELVIS
RECON	• 3.0mm AXIAL RECON – STANDARD ALGORITHM (NON-CONTRAST) • 2.5mm - 3.0mm AXIAL RECONS – STANDARD ALGORITHM (ARTERIAL) • 3.0mm - 3.75mm AXIAL RECONS – LUNG ALGORITHM • 0.6mm - 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM • 3.0mm AXIAL RECON – STANDARD ALGORITHM (DELAY)
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL AND SAGITTAL (NON-CONTRAST AND ARTERIAL)
3D POST PROCESSING	 3D ROTATION AORTA  CURVED REFORMATS AORTA AND BOTH ILIACS  MAX VESSEL MEASUREMENT

IV SIZE	18g OR 20g
IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE SHOULDERS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	SCAN	DELAY
START	ABOVE APICES	ABOVE APICES	ABOVE STENT GRAFT
END	BELOW DIAPHRAGMS	SYMPHYSIS PUBIS	BELOW STENT GRAFT
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP		SMART PREP AORTIC ARCH	2 MIN DELAY

CTA UPPER EXTREMITY RUNOFF

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	CTA TIMED OFF AORTIC ARCH
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL RECONS 2 SEPARATE SERIES WITH OVERLAP: ○ ARCH AND UPPER ARM ○ ELBOW, FOREARM AND HAND ○ 3.0mm q 1.5mm MIP SAGITTAL RECONS 2 SEPARATE SERIES WITH OVERLAP ○ ARCH AND UPPER ARM ○ ELBOW, FOREARM AND HAND
3D POST PROCESSING	✚ BODY BONE REMOVAL MIP ROTATION ✚ BODY BONE REMOVAL AXIAL RECON ✚ CURVED MIP ROTATION BRACHIAL ARTERY ✚ 1.0mm q 1.0mm CORONAL AND SAGITTAL REFORMATS TO WRIST/HAND

IV SIZE	18g IN UNAFFECTED ARM
IV CONTRAST	120cc OMNIPAQUE 350
INJECTION RATE	4-5cc/SEC
PT POSITION	PRONE OR SUPINE / SLIGHT OBLIQUE / HEAD FIRST / ARM ABOVE HEAD / PALM UP / FINGERS EXTENDED, HAND FLAT ON TABLE— USE TAPE TO HOLD FINGERS FLAT
LANDMARK	STERNAL NOTCH
BREATHING	N/A
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	AORTIC ARCH
END	THROUGH FINGERTIPS
DFOV	30
PREP GROUP	SMART PREP @ ARCH

CT COLONOGRAPHY

REVIEWED 5/21/26

ORAL PREP	COLON PREP	
SCAN	1. PRE SCAN* – ONLY IF SAME DAY FAILED	
	COLONOSCOPY	
	2. SUPINE POST INSUFFLATION	
	3. PRONE POST INSUFFLATION	
RECON	• 5mm q 10mm AXIAL RECONS – STANDARD ALGORITHM (PRE SCAN ONLY)	
	• 3mm/3.75mm AXIAL RECONS – STANDARD ALGORITHM (POST INSUFFLATION SCANS)	
	• 0.625mm AXIAL RECONS – STANDARD ALGORITHM (POST INSUFFLATION SCANS)	
REFORMAT	○ 3mm CORONAL AND SAGITTAL – POST INSUFFLATION SCANS	
3D POST PROCESSING	DONE BY RADIOLOGIST	

PT POSITION	SUPINE / PRONE / FEET FIRST
LANDMARK	ABOVE DIAPHRAGMS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	PRE SCAN*	SUPINE	PRONE
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	SYMPHYISIS PUBIS	SYMPHYISIS PUBIS	SYMPHYISIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>

CT CYSTOGRAPHY

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. I- PELVIS 2. PELVIS – RETROGRADE FILLED BLADDER** 3. PELVIS – POST VOID
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – BONE ALGORITHM (FILLED BLADDER)
REFORMAT	○ 3mm CORONAL AND SAGITTAL – STANDARD ALGORITHM (ALL) ○ 1mm CORONAL AND SAGITTAL – BONE ALGORITHM (FILLED BLADDER)
3D POST PROCESSING	NONE

PT POSITION	SUPINE / FEET FIRST
LANDMARK	ILIAC CREST
BREATHING	NONE
SCOUTS	AP AND LATERAL

PARAMETER	PRE	FULL BLADDER	POST
START	ABOVE CREST	ABOVE CREST	ABOVE CREST
END	BELOW SYMPHYSIS PUBIS	BELOW SYMPHYSIS PUBIS	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>

** RETROGRADE FILL BLADDER WITH DILUTE CONTRAST UP TO **350cc OR PATIENT TOLERANCE** VIA GRAVITY. ONCE FULL, FOLEY SHOULD BE CLAMPED (DILUTE CONTRAST: OMNIPAQUE 350: MIX 60cc OMNIPAQUE PER 1000cc SALINE BAG)

CT ENTEROGRAPHY

REVIEWED 5/21/26

ORAL PREP	1. BREEZA 450ml 60 MIN BEFORE SCAN 2. BREEZA 450ml 40 MIN BEFORE SCAN 3. BREEZA 450 ml 20 MIN BEFORE SCAN
SCAN	PV PHASE 50 SEC AFTER INJECTION STARTS
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	NONE

IV CONTRAST	125cc OMNI 350
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	50 SEC

CTV ABDOMEN / PELVIS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	120 SEC SCAN DELAY
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3mm q 1.5mm MIP CORONAL AND SAGITTAL
3D POST PROCESSING	 CENTERLINE REFORMATS RIGHT AND LEFT IVC TO FEMORAL VEIN

IV CONTRAST	125CC OMNIPAQUE 350
INJECTION RATE	4CC / SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	XYPHOID
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	120 SEC

CTV LOWER EXTREMITY

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. 120 SECOND SCAN DELAY
RECON	• 2.5mm / 3.0mm AXIAL RECONS - STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS - STANDARD ALGORITHM
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL RECONS IN 2 SEPARATE SERIES WITH OVERLAP: ABDOMEN AND PELVIS THIGH ○ 3.0mm q 1.5mm MIP SAGITTAL RECONS IN 2 SEPARATE SERIES WITH OVERLAP: ABDOMEN AND PELVIS THIGH
3D POST PROCESSING	 CENTERLINE REFORMATS RIGHT AND LEFT IVC TO POPLITEAL

IV SIZE	20g OR 18g
IV CONTRAST	125cc OMNIPAQUE 350
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST / TOES TAPED TOGETHER
LANDMARK	ILIAC CREST
BREATHING	N/A
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ILIAC CREST
END	JUST BELOW KNEE JOINT
DFOV	<TO PATIENT>
PREP GROUP	120 SECONDS

CTV UPPER EXTREMITY

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	130 SECOND SCAN DELAY
RECON	• 2.5mm /3.0mm AXIAL RECONS - STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS - STANDARD ALGORITHM
REFORMAT	○ 3.0mm q 1.5mm MIP CORONAL RECONS IN 2 SEPARATE SERIES WITH OVERLAP ○ ARCH AND UPPER ARM ○ ELBOW, FOREARM AND HAND ○ 3.0mm q 1.5mm MIP SAGITTAL RECONS IN 2 SEPARATE SERIES WITH OVERLAP ○ ARCH AND UPPER ARM ○ ELBOW, FOREARM AND HAND
3D POST PROCESSING	

IV CONTRAST	120cc OMNIPAQUE 350
INJECTION RATE	4cc/SEC (UNAFFECTED ARM)
PT POSITION	SUPINE / HEAD FIRST / SLIGHT POSTERIOR OBLIQUE / ARM OVER HEAD / PALM FACING UP WITH FINGERS FULLY EXTENDED
LANDMARK	STERNAL NOTCH
BREATHING	N/A
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	STERNAL NOTCH
END	THROUGH FINGERS
DFOV	<TO PATIENT>
PREP GROUP	130 SECONDS

GI BLEED

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. NON-CONTRAST ABDOMEN/PELVIS 2. CTA ABDOMEN/PELVIS ARTERIAL PHASE ~25 SEC 3. PV PHASE – ABDOMEN AND PELVIS ~ 60-70 SEC
RECON	• 3.0mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm q 1.5mm MIP CORONAL AND SAGITTAL – ARTERIAL PHASE ○ 3.0mm CORONAL AND SAGITTAL – NON-CONTRAST AND PV PHASE
3D POST PROCESSING	

IV CONTRAST	125cc OMNI 350
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	ARTERIAL ABD/PELVIS	PV ABD/PELVIS
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	BELOW SYMPHYSIS PUBIS	BELOW SYMPHYSIS PUBIS	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP		SMART PREP @ CELIAC	70 SEC

KIDNEY DONOR

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. CTA ABDOMEN ONLY 2. DELAY: ~10 MINUTES KIDNEYS THROUGH BLADDER
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL – ALL PHASES
3D POST PROCESSING	✚ 2mm MIP CORONAL OBLIQUE RENAL ARTERY ORIGINS ✚ CURVED REFORMATS AORTA AND RENAL ARTERIES ✚ LENGTH, WIDTH AND HEIGHT EACH KIDNEY ✚ VOLUME MEASUREMENT EACH KIDNEY ✚ 3D ROTATION OF AORTA AND KIDNEYS ✚ 3D ROTATION KIDNEYS URETERS AND BLADDER ✚ THICK MIP COLLECTING SYSTEM

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL	DELAYED
START	ABOVE DIAPHRAGM	ABOVE KIDNEYS
END	ILIAC CREST	BELOW BLADDER
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	25 SEC	10 MIN

KIDNEY STONE

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	NON-CONTRAST KIDNEYS THROUGH BLADDER
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM • 3.75mm AXIAL RECONS – STANDARD ALGORITHM (100% ASiR) – GE SCANNERS
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	NONE

PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE KIDNEYS
END	BELOW BLADDER
DFOV	<TO PATIENT>

LIVER – 2 PHASE

REVIEWED 5/21/26

INDICATION	**FOR HCC / CIRRHOSIS USE <u>LIVER 3 PHASE</u> **
ORAL PREP	NONE
SCAN	1. LATE ARTERIAL PHASE: 40 SEC AFTER START OF INJECTION 2. PV PHASE: 60-70 SEC AFTER START OF INJECTION
RECON	3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (EACH PHASE)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL LIVER	PV LIVER
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC

LIVER – 2 PHASE & PELVIS

REVIEWED 5/21/26

INDICATION	**FOR HCC / CIRRHOSIS USE LIVER 3 PHASE **
ORAL PREP	NONE
SCAN	1. LATE ARTERIAL PHASE: 40 SEC AFTER START OF INJECTION, ABDOMEN ONLY 2. PV PHASE: 60-70 SEC AFTER START OF INJECTION, ABDOMEN AND PELVIS
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (EACH PHASE)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL LIVER	PV ABD/PELVIS
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC

LIVER – 2 PHASE & CHEST/ABDOMEN/PELVIS

REVIEWED 5/21/26

INDICATION	**FOR HCC / CIRRHOSIS USE <u>LIVER 3 PHASE</u> **
ORAL PREP	NONE
SCAN	1. LATE ARTERIAL PHASE : 40 SEC AFTER START OF INJECTION – ABDOMEN ONLY 2. PV PHASE: 60-70 SEC AFTER START OF INJECTION – CHEST ABDOMEN AND PELVIS
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS (ALL PHASES) • 3.0mm / 3.75mm AXIAL RECON – LUNG ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL (EACH PHASE)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	STERNAL NOTCH
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL LIVER	PV CAP
START	ABOVE DIAPHRAGM	ABOVE APICES
END	ILIAC CREST	SYMPHYISIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC

LIVER – 3 PHASE

REVIEWED 5/21/26

INDICATION	EVAL HEMANGIOMA / HCC / CIRRHOSIS
ORAL PREP	NONE
SCAN	1. I+ LATE ARTERIAL PHASE LIVER ONLY – 40 SEC AFTER START OF INJECTION 2. I+ PV PHASE – ENTIRE ABDOMEN 60-70 SEC AFTER START OF INJECTION 3. I+ DELAY – LIVER ONLY 4 MINUTES AFTER START OF INJECTION
RECON	• 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (ALL PHASES)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER		ART	PV	DELAY
START		ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END		ILIAC CREST	ILIAC CREST	ILIAC CREST
DFOV		<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC	4 MINS	

LIVER – 4 PHASE (FORMERLY RFA/FATTY LIVER)

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. I- LIVER ONLY 2. I+ LATE ARTERIAL PHASE – LIVER ONLY – 40 SEC AFTER START OF INJECTION 3. I+ PV PHASE – ENTIRE ABDOMEN – 60-70 SEC AFTER START OF INJECTION 4. 4 MINUTE DELAY – LIVER ONLY
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (ALL PHASES)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	XYPHOID
	ABOVE DIAPHRAGMS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	I-	ART	PV	Delay
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	ILIAC CREST	ILIAC CREST	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP		40 SEC	70 SEC	4 MINUTE

LIVER CHOLANGIOCARCINOMA – ABDOMEN ONLY

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	4. I+ LATE ARTERIAL PHASE - ABDOMEN – 40 SEC AFTER START OF INJECTION 5. I+ PV PHASE –ABDOMEN- 70 SEC AFTER START OF INJECTION 6. I+ DELAY – ABDOMNE ~ 10 MINUTES AFTER START OF INJECTION
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (ALL PHASES)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	XYPHOID
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ART	PV	DELAY
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	ILIAC CREST	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC	10 MINS

LIVER CHOLANGIOCARCINOMA –ABDOMEN/PELVIS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	7. I+ LATE ARTERIAL PHASE – ABDOMEN ONLY – 40 SEC AFTER START OF INJECTION 8. I+ PV PHASE – ENTIRE ABDOMEN/PELVIS - 70 SEC AFTER START OF INJECTION 9. I+ DELAY – ABDOMEN ONLY ~ 10 MINUTES AFTER START OF INJECTION
RECON	3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL (ALL PHASES)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ART	PV	DELAY
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	JUST BELOW SYMPHYSIS PUBIS	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40 SEC	70 SEC	10 MINS

LIVER CHOLANGIOCARCINOMA – CHEST/ABDOMEN/PELVIS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	10. I+ LATE ARTERIAL PHASE LIVER ONLY – 40 SEC AFTER START OF INJECTION 11. I+ PV PHASE – ENTIRE CHEST/ABDOMEN/PELVIS 70 SEC AFTER START OF INJECTION 12. I+ DELAY – LIVER ONLY ~ 10 MINUTES AFTER START OF INJECTION
RECON	3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	3mm CORONAL AND SAGITTAL (ALL PHASES)
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE SHOULDERS
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ART	PV	DELAY
START	ABOVE DIAPHRAGMS	ABOVE APICES	ABOVE DIAPHRAGMS
END	ILIAC CREST	BELOW SYMPHYSIS PUBIS	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	40	70 SEC	10 MINS

Whole Body for Multiple Myeloma (Research exam)

REVIEWED 5/21/26

ORAL PREP	As Protocolled
SCAN	• PV C/A/P ~60 SECONDS AFTER START OF INJECTION • LEGS: ABOVE FEMORAL HEAD THROUGH TOES—USE FOOT POSITIONER (IMMEDIATELY FOLLOWING CAP) • HEAD & NECK: SCAN ARMS DOWN, STERNAL NOTCH THROUGH APEX OF HEAD (IMMEDIATELY FOLLOWING LEGS) • ARMS: OVERHEAD, MOVE PATIENT DOWN ON TABLE AND RESCOUT, SCAN HEAD OF HUMERUS THROUGH FINGERS (IMMEDIATELY FOLLOWING HEAD/NECK) • **AUTO TASKING TURNED OFF SO THAT YOU CAN MANUALLY ASSIGN IN THE DATABASE POST SCAN DUE TO LONG EXAM NAME AND INABILITY TO SEE ENTIRE EXAM NAME TO ACCURATELY AUTO TASK (SIEMENS)
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (C/A/P) • 1.25mm AXIAL RECON – STANDARD ALGORITHM (CAP)—NOT FOR PACS, USE FOR REFORMATS • 3.0mm / 3.75mm AXIAL RECONS – LUNG ALGORITHM • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (LEGS) • 0.6mm/0.625mm AXIAL RECONS (LEGS)—NOT TO PACS, USE FOR REFORMATS • 5.0mm AXIAL RECON – STANDARD ALGORITHM (HEAD) • 1.25mm AXIAL RECON – STANDARD ALGORITHM (HEAD) • 2.0mm/2.5mm AXIAL RECON – BONE ALGORITHM (HEAD) • 2.0mm / 2.5mm AXIAL RECONS – STANDARD ALGORITHM (NECK) • 0.625mm AXIAL RECONS– STANDARD ALGORITHM (NECK) • 0.625mm AXIAL RECONS – STANDARD ALGORITHM – ANGLED CUTS AS NEEDED, IMAR IF SCANNER DOESN'T ANGLE • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ARMS) • 0.6mm/0.625mm AXIAL RECONS (ARMS)—NOT TO PACS, USE FOR REFORMATS
REFORMAT	• 3mm CORONAL AND SAGITTAL (C/A/P) • 1.25mm q 10mm AXIAL LUNG MIPS—made off STD window • 3mm CORONAL AND SAGITTAL (HEAD) • 2mm CORONAL AND SAGITTAL (NECK)
3D POST PROCESSING	MSK (Arms and Legs) to be done by the 3D lab

IV CONTRAST	125CC
INJECTION RATE	2-3cc/SEC
PT POSITION	HEAD FIRST IN SCANNER: SEE SCAN ABOVE FOR SPECIFIC BODY SECTIONS

LANDMARK	TOP OF HEAD
BREATHING	INSPIRATION
SCOUTS	AP/LATERAL—2 SETS, ONE FOR BODY AND ONE FOR ARMS

<i>Whole Body for Multiple Myeloma (Research exam) (CONTINUED)</i>			
PARAMETER	C/A/P/LEGS	HEAD/NECK	ARMS
START	ABOVE APICES	STERNAL NOTCH	BELOW HUMERUS
END	THROUGH FOOT	THROUGH APEX OF HEAD	THROUGH FINGERS
DFOV	<TO PATIENT>	22	<TO PATIENT>
PREP GROUP	70 SEC		N/A

PANCREAS

REVIEWED 6/17/26

ORAL PREP	WATER
SCAN	1. LATE ARTERIAL PHASE: BOLUS TRACK @ SUPRACELIAC AORTA, THRESHOLD 100HU, FOLLOWED BY A 20SEC DELAY 2. PV PHASE: 60 SEC AFTER INJECTION STARTS, ABDOMEN
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	CURVED REFORMAT OF PANCREATIC DUCT ON LATE ARTERIAL PHASE – BY REQUEST ONLY

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL ABD	PV ABD/PELVIS
START	ABOVE DIAPHRAGM	ABPVE DIAPHRAGM
END	ILIAC CREST	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	BOLUS TRACK	60 SEC

PANCREAS & CHEST/ABDOMEN/PELVIS

REVIEWED 6/17/26

ORAL PREP	WATER
SCAN	1. LATE ARTERIAL PHASE: BOLUS TRACK @ SUPRACELIAC AORTA, THRESHOLD 100HU, FOLLOWED BY A 20SEC DELAY 2. PV PHASE: 60 SEC AFTER INJECTION STARTS, CHEST, ABDOMEN AND PELVIS
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM (ARTERIAL PHASE) • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (PV PHASE) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 3.0mm / 3.75mm AXIAL RECONS – LUNG ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	CURVED REFORMAT OF PANCREATIC DUCT ON LATE ARTERIAL PHASE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ABOVE SHOULDERS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL ABD	PV CAP
START	ABOVE DIAPHRAGM	ABOVE APICES
END	ILIAC CREST	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	BOLUS TRACK	60 SEC

PANCREAS & PELVIS

REVIEWED 6/17/26

ORAL PREP	WATER
SCAN	1. LATE ARTERIAL PHASE: BOLUS TRACK @ SUPRACELIAC AORTA, THRESHOLD 100HU, FOLLOWED BY A 20SEC DELAY 2. PV PHASE: 60SEC AFTER INJECTION STARTS, ABDOMEN AND PELVIS
RECON	• 2.5mm / 3.0mm AXIAL RECONS – STANDARD ALGORITHM (PANCREAS) • 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (PELVIS) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	CURVED REFORMAT OF PANCREATIC DUCT ON LATE ARTERIAL PHASE – BY REQUEST ONLY

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4-5cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGMS
BREATHING	INSPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	ARTERIAL ABD	PV ABD/PELVIS
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	BOLUS TRACK	60 SEC

PELVIS

REVIEWED 5/21/26

ORAL PREP	SELECT FROM LIST
SCAN	PV PHASE: 90 SEC DELAY AFTER START OF INJECTION
RECON	• 3.75mm AXIAL RECONS – STANDARD ALGORITHM • 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	2-3CC/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	ILIAC CREST
BREATHING	NONE
SCOUTS	AP AND LATERAL

PARAMETER	SCAN
START	ABOVE CREST
END	BELOW SYMPHYSIS PUBIS
DFOV	<TO PATIENT>
PREP GROUP	90 SEC

RENAL MASS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. NON-CONTRAST - KIDNEYS ONLY 2. I+ NEPRHOGRAPHIC PHASE 100 SEC AFTER INJECTION - ABDOMEN 3. 7 MINUTE DELAY - KIDNEYS ONLY
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS - STANDARD ALGORITHM
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	None

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	PV PHASE	DELAYED
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	ILIAC CREST	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	NONE	100 SEC	7 MINUTE

RENAL MASS & PELVIS

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. NON-CONTRAST - KIDNEYS ONLY 2. I+ NEPRHOGRAPHIC PHASE 100 SEC AFTER INJECTION – ABDOMEN/PELVIS 3. 7 MINUTE DELAY - KIDNEYS ONLY
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL
3D POST PROCESSING	NONE

IV CONTRAST	WEIGHT BASED
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON CONTRAST	PV PHASE	DELAYED
START	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM	ABOVE DIAPHRAGM
END	ILIAC CREST	BELOW SYMPHYSIS PUBIS	ILIAC CREST
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	NONE	100 SEC	7 MINUTE

***IF ANATOMY OF INTEREST EXCEEDS DUAL ENERGY SFOV, USE SINGLE ENERGY SCAN (XXL PROTOCOL) ***

*** XXL PATIENTS – SEE [XXL MULTIPHASE A/P](#)***

UROGRAM – 2 PHASE

REVIEWED 5/21/26

ORAL PREP	NONE
SCAN	1. UNENHANCED LOW DOSE KIDNEYS TO BLADDER 2. NEPHROGRAPHIC/DELAY PHASE COMBO: a. INJECT 10mg IV LASIX AND 50cc CONTRAST, WAIT 6 MIN b. INJECT 100cc IV CONTRAST AT 4cc/SEC c. SCAN ABDOMEN/PELVIS AT 100 SEC
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL – ALL PHASES
3D POST PROCESSING	 3D ROTATION KIDNEYS URETERS AND BLADDER  THICK MIP DOUBLE OBLIQUE IMAGES COLLECTING SYSTEM

IV CONTRAST	150cc OMNIPAQUE 350
INJECTION RATE	4cc/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	NEPHROGRAPHIC/DELAY
START	ABOVE KIDNEYS	ABOVE DIAPHRAGM
END	BELOW BLADDER	SYMPHYISIS PUBIS
DFOV	<TO PATIENT>	<TO PATIENT>
PREP GROUP	NONE	6 MINUTE / 100 SEC

UROGRAM – 3 PHASE

REVIEWED 6/16/26

ORAL PREP	NONE
SCAN	1. UNENHANCED, LOW DOSE KIDNEYS TO BLADDER 2. 10mg IV LASIX 10 MIN PRIOR TO CONTRAST INJECTION i. AVOID IF ALLERGIC TO SULFA OR LASIX ii. AVOID IF sBP<90mm Hg iii. INSTEAD GIVE 250cc NS BOLUS AFTER NEPHROGRAPHIC PHASE 3. NEPHROGRAPHIC PHASE: ABDOMEN/PELVIS (MOST SENSITIVE FOR DETECTION OF UROTHELIAL TUMORS AND BLADDER MASSES 110cc CONTRAST @ 4cc/SEC, SCAN AT 100 SEC 4. EXCRETORY PHASE: ABDOMEN/PELVIS 10 MIN POST IV CONTRAST
RECON	• 3.0mm / 3.75mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES) • 0.6mm / 0.625mm / 1.25mm AXIAL RECONS – STANDARD ALGORITHM (ALL PHASES)
REFORMAT	○ 3mm CORONAL AND SAGITTAL – ALL PHASES
3D POST PROCESSING	 3D ROTATION OF KIDNEYS URETERS AND BLADDER  THICK MIP DOUBLE OBLIQUE IMAGES COLLECTING SYSTEMS

IV CONTRAST	110cc OMNIPAQUE 350
INJECTION RATE	4CC/SEC
PT POSITION	SUPINE / FEET FIRST
LANDMARK	
	ABOVE DIAPHRAGM
BREATHING	EXPIRATION
SCOUTS	AP AND LATERAL

PARAMETER	NON-CONTRAST	NEPHROGRAPHIC PHASE	DELAY
START	ABOVE KIDNEYS	ABOVE DIAPHRAGM	ABOVE KIDNEYS
END	BELOW BLADDER	BELOW SYMPHYSIS PUBIS	BELOW BLADDER
DFOV	<TO PATIENT>	<TO PATIENT>	<TO PATIENT>
PREP GROUP	NONE	100 SEC	10 MINUTE