

Series Description Manual

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Naming Conventions [\[edit\]](#)

UW-Madison CT Protocol Series Naming Scheme

Each series description is composed of 6 possible modifiers:

Thickness	Recon Type	Time	Contrast**	Energy***	Special Options****									
<p>THIN (default is to leave empty which denotes a thick recon)</p> <table border="1"> <thead> <tr> <th>Slice Thickness Modifiers by Section</th> <th>THIN</th> <th>THICK</th> </tr> </thead> <tbody> <tr> <td>Abdominal/Pediatric/Thoracic/Neuro/CV</td> <td><2.5 mm</td> <td>>=2.5 mm</td> </tr> <tr> <td>MSK</td> <td><1 mm</td> <td>>=1 mm</td> </tr> </tbody> </table>	Slice Thickness Modifiers by Section	THIN	THICK	Abdominal/Pediatric/Thoracic/Neuro/CV	<2.5 mm	>=2.5 mm	MSK	<1 mm	>=1 mm	<p>ST (soft tissue) BONE LUNG</p>	<p>LATE (i.e. for differentiating early and late arterial phases) DELAY XX MINUTES (i.e., XX is the number of minutes the phase is delayed and varies by protocol) TIMING BOLUS* (default is empty)</p>	<p>W/C W/O CTA CTV (CT venogram) ARTERIAL LATE ARTERIAL (default is empty)</p>	<p>50 keV 70 keV QC VUE (virtual unenhanced) Water (Iodine) (default is empty, only used for DECT)</p>	<p>MAR (metal artifact reduction) SSF (<u>s</u>nap <u>s</u>hot freeze) XX-XX% (i.e., cardiac phase range) XX% (i.e., centered cardiac phase) EXP (expiration) INSP (inspiration) EXP HI-RES (high resolution) INSP HI-RES ABER (abduction and external rotation) TAVI PRO (prospective) RETRO (retrospective) LT (left side) RT (right side) (default is empty, use sparingly)</p>
Slice Thickness Modifiers by Section	THIN	THICK												
Abdominal/Pediatric/Thoracic/Neuro/CV	<2.5 mm	>=2.5 mm												
MSK	<1 mm	>=1 mm												

*A timing bolus series normally only has 1 reconstruction; therefore, no modifiers are needed for naming a timing bolus series other than the label "TIMING BOLUS".

**If the series is single phase and non contrast, this modifier is empty. If a protocol has multiple series, the non contrast series has the "W/O" modifier. In general, it is preferred to use time to specify specific contrast phases (i.e., use "DELAY 10 MINUTES" instead of "UROGRAPHIC" to denote a delayed CT urography phase).

***This is where DECT names are detailed. Energy here refers to monochromatic energy level. Only 50, 67, and 140 are shown; your practice will likely use different energy levels. These levels do not refer to the beam energy used in SECT (i.e., 120 kV). SECT energy levels should not be specified. Basis material images should be denoted using <material name> (<partner basis material name>).

****We do not have orthopedic device modifiers in the list as they vary site to site. The "Special Options" modifier should capture vendor/device/practice-specific naming conventions.

Examples:

- "5 mm soft tissue recon from a non contrast single energy scan" → "ST"
- "0.5 mm bone recon at 140 keV from a non contrast DECT scan" → "THIN BONE 140 keV"
- "1.25 mm soft tissue recon from an angio phase single energy scan" → "THIN ST CTA"
- "0.6 mm soft tissue recon from the CTA phase centered at 75% R-R of a gated single energy cardiac scan" → "THIN ST CTA 75%"

Body [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
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Chest/Abd/Pelvis with IV Contrast	5.4/5.5/5.6	Series 2, Group 1	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Recon 3	THIN LUNG W/C	
		Series 2, Group 2	Recon 1	ST W/C
Chest/Abd/Pelvis without IV Contrast	5.7/5.8/5.9	Series 2, Group 1	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG
		Series 2, Group 2	Recon 1	ST
			Recon 2	THIN ST
CTPA for PE with Abd/Pelvis	5.19/5.20/5.21	Series 2, Group 1	Recon 1	THIN ST CTA
			Recon 2	THIN LUNG CTA
		Series 2, Group 2	Recon 1	ST
			Recon 2	THIN ST
Trauma - Chest	5.22/5.23/5.24	Series 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 3	THIN LUNG W/C
			Recon 4	BONE T-SPINE
			Recon 5	THIN ST T-SPINE
			Recon 6	THIN BONE T-SPINE
Trauma - Chest/Abd/Pelvis	5.25/5.26/5.27	Series 2, Group 1	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 3	THIN LUNG W/C
			Recon 4	BONE T-SPINE
			Recon 5	THIN ST T-SPINE
			Recon 6	THIN BONE T-SPINE
		Series 2, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 7	BONE L-SPINE
			Recon 8	THIN ST L-SPINE
			Recon 9	THIN BONE L-SPINE
			Series 3	Recon 1
	Recon 2	THIN ST DELAY 7 MINUTE W/C		
Abd/Pelvis	6.1/6.2/6.3	Series 2	Recon 1	ST
			Recon 2	THIN ST
Trauma - Abd/Pelvis	6.4/6.5/6.6	Series 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 3	BONE L-SPINE
			Recon 4	THIN ST L-SPINE

			Recon 5	THIN BONE L-SPINE	
		Series 3	Recon 1	ST DELAY 7 MINUTE W/C	
			Recon 2	THIN ST DELAY 7 MINUTE W/C	
Penetrating Abdominal Trauma	6.4/6.5/6.6	Series 2	Recon 1	ST W/C	
			Recon 2	THIN ST W/C	
			Recon 3	BONE L-SPINE	
			Recon 4	THIN ST L-SPINE	
			Recon 5	THIN BONE L-SPINE	
		Series 3	Recon 1	ST DELAY 7 MINUTE W/C	
			Recon 2	THIN ST DELAY 7 MINUTE W/C	
High Image Quality Cancer Follow-Up Abd/Pelvis	6.7/6.8/6.9	Series 2	Recon 1	ST W/C	
			Recon 2	THIN ST W/C	
Abd/Pelvis - Flank Pain	6.10/6.11/6.12	Series 2	Recon 1	ST	
			Recon 2	THIN ST	
Limited Follow-Up Kidneys Only	6.13/6.14/6.15	Series 2	Recon 1	ST	
			Recon 2	THIN ST	
Abd/Pelvis - Colonography	6.16/6.17/6.18	Series 2	Recon 1	ST	
			Recon 2	THIN ST	
			Recon 3	BMD	
		Series 3	--	PRONE SCOUT	
			--	PRONE SCOUT	
		Series 4	Recon 1	THIN ST	
		Series 5	--	DECUB SCOUT	
	--	DECUB SCOUT			
Abd/Pelvis - Colonography with IV Contrast	6.19/6.20/6.21	Series 2	Recon 1	THIN ST	
			Series 3	--	SUPINE SCOUT
			--	SUPINE SCOUT	
		Series 4	Recon 1	ST W/C	
			Recon 2	THIN ST W/C	
			Recon 3	BMD	
		Series 5	--	DECUB SCOUT	
	--	DECUB SCOUT			
Series 6	Recon 1	THIN ST W/C			
Abd/Pelvis - Urography	6.22/6.23/6.24	Series 2	Recon 1	ST W/O	
			Recon 2	THIN ST W/O	
		Series 3	Recon 1	ST W/C	
				Recon 2	THIN ST W/C
				Recon 2	THIN ST W/C

Abd-Liver - Biphasic	6.25/6.26/6.27	Series 2, Group 1	Recon 1	ST ARTERIAL
			Recon 2	THIN ST ARTERIAL
		Series 2, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
CTAAbd-Liver - Triphasic	6.28/6.29/6.30	Series 2, Group 1	Recon 1	ST ARTERIAL
			Recon 2	THIN ST ARTERIAL
		Series 2, Group 2	Recon 1	ST LATE ARTERIAL
			Recon 2	THIN ST LATE ARTERIAL
		Series 2, Group 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
Abd-Adrenal Gland - Adenoma	6.31/6.32/6.33	Series 2	Recon 1	ST W/O
			Recon 2	THIN ST W/O
		Series 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Series 4	Recon 1	ST DELAY 15 MINUTE W/C
		CTAAbd-Liver - Donor Work-up	6.37/6.38/6.39	Series 2, Group 1
Recon 2	THIN ST ARTERIAL			
Series 2, Group 2	Recon 1			ST LATE ARTERIAL
	Recon 2			THIN ST LATE ARTERIAL
Series 2, Group 3	Recon 1			ST W/C
	Recon 2			THIN ST W/C
Abd - Pancreas Cancer (Neoplasm Screening)	6.40/6.41/6.42	Series 2, Group 1	Recon 1	ST ARTERIAL
			Recon 2	THIN ST ARTERIAL
		Series 2, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
CTAAbd-Pancreas - Transplant	6.46/6.47/6.48	Series 2	Recon 1	ST W/O
		Series 3, Group 1	Recon 1	ST CTA
			Recon 2	THIN ST CTA
		Series 3, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Abd/Pelvis - Kidney Tumor	6.49/6.50/6.51	Series 2
Series 3	Recon 1			ST W/C
	Recon 2			THIN ST W/C
Series 4	Recon 1			ST DELAY 2 MINUTE W/C
CTAAbd - Renal Donor	6.52/6.53/6.54	Series 2	Recon 1	ST W/O
		Series 3	Recon 1	THIN ST CTA
		Series 4	Recon 1	ST W/C
			Recon 2	THIN ST W/C

Abd-Small Bowel Enterography	6.55/6.56/6.57	Series 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
CTA Abd - Obscure GI Bleed	6.58/6.59/6.60	Series 2	Recon 1	ST W/O
			Recon 2	THIN ST W/O
		Series 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Series 4	Recon 1	ST DELAY 3 MINUTE W/C
			Recon 2	THIN ST DELAY 3 MINUTE W/C
CTA Abd - Mesenteric Ischemia	6.61/6.62/6.63	Series 2	Recon 1	THIN ST CTA
			Recon 2	THIN ST CTA
		Series 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
Urothelial Tumor Follow-up	6.70/6.71/6.72	Series 2	Recon 1	ST W/O
			Recon 2	THIN ST W/O
		Series 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Series 4	Recon 1	ST DELAY 10 MINUTE W/C
			Recon 2	THIN ST DELAY 10 MINUTE W/C
Abd/Pelvis - Venogram (Pre-IVC Filter Removal)	6.73/6.74/6.75	Series 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
CTA Abd/Pelvis - Active Bleeder	6.79/6.80/6.81	Series 2	Recon 1	ST W/O
			Recon 2	THIN ST W/O
		Series 3, Group 1	Recon 1	THIN ST CTA
			Recon 2	THIN ST CTA
		Series 3, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
Abd-Liver - Hepatocellular Carcinoma (HCC)	6.82/6.83/6.84	Series 2, Group 1	Recon 1	ST CTA
			Recon 2	THIN ST CTA
		Series 2, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Series 3	Recon 1	ST DELAY 3 MINUTE W/C
			Recon 2	THIN ST DELAY 3 MINUTE W/C
CTA Abd-Liver - Transplant Recipient Workup	6.85/6.86/6.87	Series 2	Recon 1	ST W/O
			Recon 2	THIN ST W/O
		Series 4, Group 1	Recon 1	ST ARTERIAL
			Recon 2	THIN ST ARTERIAL
		Series 4, Group 2	Recon 1	ST LATE ARTERIAL
			Recon 2	THIN ST LATE ARTERIAL
		Series 4, Group 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Series 5	Recon 1	ST DELAY 3 MINUTE W/C
			Recon 2	THIN ST DELAY 3 MINUTE W/C
Abdominal Wall Flap CTA	6.88/6.89/6.90	Series 2	Recon 1	THIN ST CTA

Lower Extremity CTA and Trauma-Chest/Abd/Pelvis		Series 2	Recon 1	THIN ST CTA
		Series 3, Group 1	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 3	THIN LUNG W/C
		Series 3, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 4	BONE L-SPINE
			Recon 5	THIN ST L-SPINE
		Series 4	Recon 6	THIN BONE L-SPINE
			Recon 1	ST DELAY 7 MINUTE W/C
		Series 4	Recon 2	THIN ST DELAY 7 MINUTE W/C
			Recon 1	ST W/O
Cystogram	8.10/8.11/8.12	Series 2	Recon 2	THIN ST W/O
			Recon 1	ST CYSTOGRAM
		Series 3	Recon 2	THIN ST CYSTOGRAM
			Recon 1	ST CYSTOGRAM POST VOID
		Series 3 (Optional repeat)	Recon 2	THIN ST CYSTOGRAM POST VOID
			Recon 1	ST
Body Pelvis	8.16/8.17/8.18	Series 2	Recon 2	THIN ST

Neuro [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Brain - Routine (Helical Mode)	1.1	Series 2	Recon 1	ST
			Recon 2	BONE
			Recon 3	THIN ST
		Series 3	Recon 1	ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN ST W/C
Brain - Helical Scan with Angled Axial Reformations	1.2	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
Brain - Routine (Axial Mode)	1.3	Series 2	Recon 1	ST
			Recon 2	BONE
			Recon 3	THIN ST
		Series 3	Recon 1	ST W/C
			Recon 2	BONE W/C

			Recon 3	THIN ST W/C
Brain Post Thrombolysis Helical (GSI)	1.4	Series 2	Recon 1	ST QC
			Recon 2	ST 67keV MAR
			Recon 3	THIN BONE 67keV
			Recon 4	THIN ST 67keV MAR
3D CT (Craniosynostosis, Congenital Facial Anomaly)	1.5	Series 2	Recon 1	ST
			Recon 2	THIN BONE
			Recon 3	THIN ST
Stroke Deluxe – Total Cerebrovascular	1.6	Series 2	Recon 1	ST W/O
			Recon 2	BONE W/O
			Recon 3	THIN ST W/O
		Series 3	Recon 1	ST CTA
			Recon 2	BONE CTA
		Series 4	Recon 1	PERFUSION
Series 5	Recon 1	ST W/C		
CTA Head Only (Stenosis, Aneurysm, Unknown Bleed)	1.7	Series 2	Recon 1	ST W/O
			Recon 2	BONE W/O
			Recon 3	THIN ST W/O
		Series 3	Recon 1	ST CTA
			Recon 2	BONE CTA
		Series 4	Recon 1	PERFUSION
		Series 5	Recon 1	ST W/C
		CT Venography Head & Neck	1.9	Series 2
Recon 2	BONE W/O			
Recon 3	THIN ST W/O			
Series 3	Recon 1			ST CTV
	Recon 2			BONE CTV
Series 4	Recon 1			ST W/C
Stereotactic Head	1.10	Series 2	Recon 1	ST STEREOTACTIC
			Recon 2	BONE STEREOTACTIC
Orbit - Routine	2.1	Series 2	Recon 1	THIN ST
			Recon 2	BONE
			Recon 3	THIN BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN BONE W/C
Facial Trauma - Routine	2.5	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE

		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
Pituitary Gland and Cavernous Sinus	2.6	Series 2	Recon 1	ST
			Recon 2	BONE
			Recon 3	THIN ST
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
		Series 4	Recon 1	ST W/C
Recon 2	BONE W/C			
Recon 3	THIN ST W/C			
Sinuses - Diagnostic	2.7	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
Temporal Bone	2.11	Series 2	Recon 1	BONE W/O
			Recon 2	THIN BONE RT W/O
			Recon 3	THIN BONE LT W/O
			Recon 4	ST W/O
DentaScan	2.13	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
Adult Neck - Routine	3.1/3.2/3.3	Series 2	Recon 1	ST
			Recon 2	BONE
			Recon 3	THIN ST
			Recon 4	THIN BONE
		Series 3, Group 1	Recon 1	ST
			Recon 2	THIN BONE
		Series 3, Group 2	Recon 1	ST
			Recon 2	THIN BONE
Neck (Parathyroid Adenoma)	3.4/3.5/3.6	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST ARTERIAL
		Series 4	Recon 1	ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN ST W/C
			Recon 4	THIN BONE W/C
		Series 5, Group 1	Recon 1	ST
			Recon 2	THIN BONE
		Series 5, Group 2	Recon 1	ST
			Recon 2	THIN BONE

Neck (Add-on Options)	3.7	N/A	Recon 1	PERFUSION		
		N/A	Recon 1	PERFUSION		
Brachial Plexus - Routine	3.1/3.2/3.3	Series 2	Recon 1	ST		
			Recon 2	BONE		
			Recon 3	THIN ST		
			Recon 4	THIN BONE		
		Series 3, Group 1	Recon 1	ST		
			Recon 2	THIN BONE		
		Series 3, Group 2	Recon 1	ST		
			Recon 2	THIN BONE		
Neck (Salivary Gland)	3.8/3.9/3.10	Series 2	Recon 1	ST W/O		
			Recon 2	BONE W/O		
		Series 3	Recon 1	ST W/C		
			Recon 2	BONE W/C		
			Recon 3	THIN ST W/C		
			Recon 4	THIN BONE W/C		
		Series 4, Group 1	Recon 1	ST		
			Recon 2	THIN BONE		
		Series 4, Group 2	Recon 1	ST		
			Recon 2	THIN BONE		
		CTA Neck Only (Cerebrovascular Disease)	3.11	Series 2	Recon 1	THIN ST CTA
					Recon 2	BONE CTA
Neck (Hypervascular Papillary Thyroid)	3.13/3.14/3.15	Series 2	Recon 1	THIN ST ARTERIAL		
		Series 3	Recon 1	ST		
			Recon 2	BONE		
			Recon 3	THIN ST		
			Recon 4	THIN BONE		
		Series 4, Group 1	Recon 1	ST		
			Recon 2	THIN BONE		
		Series 4, Group 2	Recon 1	ST		
			Recon 2	THIN BONE		
		Adult Cervical Spine (without Metal)	3.16/3.17/3.18	Series 2	Recon 1	THIN ST
Recon 2	BONE					
Recon 3	THIN BONE					
Series 3	Recon 1			THIN ST W/C		
	Recon 2			BONE W/C		
	Recon 3			THIN BONE W/C		
Adult Cervical Spine (with Metal)	3.19/3.20/3.21	Series 2	Recon 1	THIN ST		

			Recon 2	BONE
			Recon 3	THIN BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN BONE W/C
Adult Lumbar Spine (without Metal)	7.1/7.2/7.3	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C
Adult Thoracic Spine (without Metal)	7.4/7.5/7.6	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C
Stereotactic Spine	7.8	Series 2	Recon 1	ST STEREOTACTIC
Adult Lumbar Spine (with Metal)	7.10/7.11/7.12	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C
Adult Thoracic Spine (with Metal)	7.13/7.14/7.15	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C
Peds Brain - Routine and NAT/Trauma (Helical Mode)	11.1/11.2/11.3	Series 2	Recon 1	ST
			Recon 2	BONE
			Recon 3	THIN ST
		Series 3	Recon 1	ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN ST W/C
Peds Neck - Routine	13.1.1/13.4.1/13.8.1	Series 2	Recon 1	ST
			Recon 2	BONE

			Recon 3	THIN ST
			Recon 4	THIN BONE
		Series 3, Group 1	Recon 1	ST
			Recon 2	THIN BONE
		Series 3, Group 2	Recon 1	ST
			Recon 2	THIN BONE
Peds Cervical Spine	13.1.4/13.4.4/13.8.4	Series 2	Recon 1	THIN ST
			Recon 2	BONE
			Recon 3	THIN BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	BONE W/C
			Recon 3	THIN BONE W/C
Peds Lumbar Spine	17.1.1/17.2.1/17.4.1/17.6.1/17.8.1	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C
Peds Thoracic Spine	17.1.2/17.2.2/17.4.2/17.6.2/17.8.2	Series 2	Recon 1	THIN ST
			Recon 2	THIN BONE
			Recon 3	BONE
		Series 3	Recon 1	THIN ST W/C
			Recon 2	THIN BONE W/C
			Recon 3	BONE W/C

Chest [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Chest - (Routine and High-Resolution)	5.1/5.2/5.3	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG
		Series 3	Recon 1	THIN LUNG EXP HI-RES
		Series 4	--	PRONE SCOUT
			--	PRONE SCOUT
		Series 5	Recon 1	THIN LUNG INSP HI-RES PRONE
Chest - Low Dose Follow-up/Screening	5.10/5.11/5.12	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG

Chest - CTPA for PE	5.16/5.17/5.18	Series 2	Recon 1	THIN ST CTA
			Recon 2	THIN LUNG CTA
Chest - Esophagram	5.51/5.52/5.53	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG
		Series 3	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG
		Series 4	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	THIN LUNG
Chest - Dynamic 3D Airway	5.70/5.71/5.72	Series 2	Recon 1	ST INSP
			Recon 2	THIN ST INSP
			Recon 3	THIN LUNG INSP
		Series 3	Recon 1	ST EXP
			Recon 2	THIN ST EXP
			Recon 3	THIN LUNG EXP

Pediatric Low Dose and HIQ [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Peds Chest - (Routine and High-Resolution)	15.1.1/15.2.1/15.4.1/15.6.1/15.8.1	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	LUNG
			Recon 4	THIN LUNG
		Series 3	Recon 1	THIN LUNG EXP HI-RES
Peds Chest Inspiration/Expiration 3D Airway	15.1.2/15.2.2/15.4.2/15.6.2/15.8.2	Series 2	Recon 1	ST INSP
			Recon 2	THIN ST INSP
			Recon 3	LUNG INSP
			Recon 4	THIN LUNG INSP
		Series 3	Recon 1	ST EXP
			Recon 2	THIN ST EXP
			Recon 3	LUNG EXP
			Recon 4	THIN LUNG EXP
Peds Chest Pectus	15.1.3/15.2.3/15.4.3/15.6.3/15.8.3	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	LUNG
			Recon 4	THIN LUNG

Peds Chest CTPA for PE	15.1.4/15.2.4/15.4.4/15.6.4/15.8.4	Series 2	Recon 1	LUNG CTA
			Recon 2	THIN LUNG CTA
			Recon 3	THIN ST CTA
Peds Routine Chest/Abd/Pelvis	15.1.5/15.2.5/15.4.5/15.6.5/15.8.5	Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 3	LUNG
			Recon 4	THIN LUNG
Peds Trauma Chest/Abd/Pelvis	15.1.6/15.2.6/15.4.6/15.6.6/15.8.6	Series 2, Group 1	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 3	THIN LUNG W/C
			Recon 4	BONE T-SPINE
			Recon 5	THIN ST T-SPINE
			Recon 6	THIN BONE T-SPINE
		Series 2, Group 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C
			Recon 7	BONE L-SPINE
			Recon 8	THIN ST L-SPINE
		Series 3	Recon 9	THIN BONE L-SPINE
Recon 1	ST DELAY 7 MINUTE W/C			
Recon 2	THIN ST DELAY 7 MINUTE W/C			
Peds CINE Airway	15.1.7	Series 2	Recon1	THIN ST CINE
			Recon2	THIN LUNG CINE
			Recon3	THIN ST CINE
Peds Routine Abd/Pelvis	16.1.1/16.2.1/16.4.1/16.6.1/16.8.1	Series 2	Recon 1	ST
			Recon 2	THIN ST
Peds Acute Appendicitis - Abd/Pelvis	16.1.1/16.2.1/16.4.1/16.6.1/16.8.1	Series 2	Recon 1	ST
			Recon 2	THIN ST
Peds Renal Stone/Flank Pain	16.1.1/16.2.1/16.4.1/16.6.1/16.8.1	Series 2	Recon 1	ST
		Series 2	Recon 1	ST
			Recon 2	THIN ST
			Recon 2	THIN ST
Peds CTA ABD - Triphasic Liver	16.1.3/16.2.3/16.4.3/16.6.3/16.8.3	Series 2, Group 1	Recon 1	ST ARTERIAL
			Recon 2	THIN ST ARTERIAL
		Series 2, Group 2	Recon 1	ST LATE ARTERIAL
			Recon 2	THIN ST LATE ARTERIAL
		Series 2, Group 3	Recon 1	ST W/C
			Recon 2	THIN ST W/C
		Peds Trauma Abd/Pelvis	16.1.4/16.2.4/16.4.4/16.6.4/16.8.4	Series 2

			Recon 2	THIN ST W/C
			Recon 3	BONE L-SPINE
			Recon 4	THIN ST L-SPINE
			Recon 5	THIN BONE L-SPINE
			Series 3	Recon 1
Recon 2	THIN ST DELAY 7 MINUTE W/C			
Peds Abd- Small Bowel Enterography	16.1.5/16.2.5/16.4.5/16.6.5/16.8.5	Series 2	Recon 1	ST W/C
			Recon 2	THIN ST W/C

Cardiovascular [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Upper Extremity CTA	4.10/4.11/4.12	Series 2	Recon 1	ST W/O
		Series 3, Group 1	Recon 1	THIN ST CTA
		Series 3, Group 2	Recon 1	THIN ST CTA
Non-Gated CTA (Chest/Abd/Pelvis)	5.28/5.29/5.30	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST CTA
			Recon 2	LUNG CTA
Series 4	Recon 1	THIN ST DELAY 2 MINUTE W/C		
Retrospectively-Gated CTA Chest (Non-Coronary)	5.31/5.32/5.33	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST CTA RETRO
			Recon 2	LUNG CTA RETRO
Series 4	Recon 1	THIN ST DELAY 2 MINUTE W/C		
Gated Chest and Non-Gated Abd/Pelvis CTA	5.34/5.35/5.36	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST CTA
			Recon 2	LUNG CTA
Series 4	Recon 1	THIN ST DELAY 2 MINUTE W/C		
Prospectively-Gated Coronary CTA	5.37/5.38/5.39	Series 2	Recon 1	ST W/O
		Series 3		TIMING BOLUS
		Series 4	Recon 1	
		Series 4	Recon 2	
Retrospectively-Gated Coronary CTA	5.40/5.41/5.42	Series 2	Recon 1	ST W/O
		Series 3	Recon 1	TIMING BOLUS
		Series 4	Recon 1	THIN ST CTA RETRO
			Recon 2	LUNG CTA
TAVI CTA	5.43/5.44/5.45	Series 2, Group 2	Recon 1	THIN ST CTA TAVR
			Recon 2	4-94%
			Recon 3	35-65%

		Series 2, Group 3	Recon 1	THIN ST CTA TAVR
Prospectively-Gated CTA Chest (Non-Coronary)	5.46/5.47/5.48	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST CTA PRO
Adult CTA Coronary with Vascular Intervention	5.58/5.59/5.60	Series 2, Group 2	Recon 1	THIN ST CTA
			Recon 2	4-94%
			Recon 3	35-65%
		Series 2, Group 3	Recon 1	THIN ST CTA
Subclavian CT Venogram	5.55/5.56/5.57	Series 2	Recon 1	THIN ST CTV
Prospectively-Gated CTA Chest Triple R/O (Non-Coronary)	5.64/5.65/5.66	Series 2	Recon 1	THIN ST W/O
		Series 3	Recon 1	THIN ST CTA
Left Atrial Appendage	5.73/5.74/5.75	Series 2	Recon 1	THIN ST CTA
		Series 3	Recon 1	THIN ST Delay 30 sec W/C
Thoracic Outlet	5.83/5.84/5.85	Series 2	Recon 1	THIN ST CTA
		Series 3	Recon 1	THIN ST CTA
		Series 4	Recon 1	THIN ST W/C
Post-Endostent Non-Con Volume Change (Abd/Pelvis only)	6.43/6.44/6.45	Series 2	Recon 1	THIN ST
Lower Extremity CTA	9.13/9.14/9.15	Series 2	Recon 1	ST W/O
		Series 3, Group 1	Recon 1	THIN ST CTA
		Series 3, Group 2	Recon 1	THIN ST CTA

Musculoskeletal [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Shoulder/Humerus (with or without Metal)	4.1/4.2/4.3	Series 2	Recon 1	BONE
			Recon 2	ST
		Series 3	--	ABER SCOUT
			--	ABER SCOUT
		Series 4	Recon 1	BONE ABER
			--	ST ABER
GSI Gout Upper Extremity	4.4	Series 2	Recon 1	QC
			Recon 2	ST 70keV DLIR
			Recon 3	BONE 110keV
			Recon 4	URIC ACID (HAP) ST DLIR
			Recon 5	HAP (URIC ACID) ST DLIR
Elbow/Forearm (without Metal)	4.6	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Elbow/Forearm (with Metal)	4.7	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST

Wrist (without Metal)	4.8	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Wrist (with Metal)	4.9	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Chest Wall/Clavicle/AC Joint/SC Joint/Sternum/Ribs	4.13/4.14/4.15	Series 2	Recon 1	BONE
			Recon 2	ST
GSI Gout Spine/ Shoulder	7.16/7.17/7.18	Series 2	Recon 1	QC
			Recon 2	ST 70keV DLIR
			Recon 3	BONE 110keV
			Recon 4	URIC ACID (HAP) ST DLIR
			Recon 5	HAP (URIC ACID) ST DLIR
Bony Pelvis/Hips/SI/Femur/FAI (without Metal)	8.1/8.2/8.3	Series 2	Recon 1	BONE
			Recon 2	ST
Bony Pelvis/Hips/SI/Femur/FAI (with Metal)	8.4/8.5/8.6	Series 2	Recon 1	BONE
			Recon 2	ST
Hip Preservation CT	8.13	Series 2, Group 1	Recon 1	THIN BONE
			Recon 2	THIN ST
		Series 2, Group 1	Recon 1	THIN BONE
			Recon 2	THIN ST
Mako Hip	8.14	Series 2, Group 1	Recon 1	BONE MAKO HIP
		Series 2, Group 2	Recon 2	BONE MAKO HIP
Ankle/Foot/Distal Tibia (without Metal)	9.1	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Ankle/Foot/Distal Tibia (with Metal)	9.2	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Knee/Tibia (without Metal)	9.3	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
Knee/Tibia (with Metal)	9.4	Series 2	Recon 1	THIN BONE
			Recon 2	THIN ST
GSI Gout Lower Extremity	9.6	Series 2	Recon 1	QC
			Recon 2	ST 70keV DLIR
			Recon 3	BONE 110keV
			Recon 4	URIC ACID (HAP) ST DLIR
			Recon 5	HAP (URIC ACID) ST DLIR
Mako Knee	9.7	Series 2, Group 1	Recon 1	BONE MAKO KNEE
		Series 2, Group 2	Recon 1	BONE MAKO KNEE
		Series 2, Group 3	Recon 1	BONE MAKO KNEE
Femoral Anteversion/Lower Extremity Rotational Study	9.8/9.9/9.10	Series 2, Group 1	Recon 1	BONE

		Series 2, Group 2	Recon 1	BONE
		Series 2, Group 3	Recon 1	BONE
Soft Tissue Extremity with IV Contrast	9.24/9.25/9.26	Series 2	Recon 1	THIN ST W/C
			Recon 2	BONE W/C

Peds MSK [\[edit\]](#)

Protocols [\[edit\]](#)

Protocol Name	Code	Series or Group	Recon#	Series Description
Peds Bony Pelvis (without Metal)	18.1.1/18.2.1/18.4.1/18.6.1/18.8.1	Series 2	Recon 1	BONE
			Recon 2	ST
Peds Bony Pelvis (with Metal)	18.1.2/18.2.2/18.4.2/18.6.2/18.8.2	Series 2	Recon 1	BONE
			Recon 2	ST
Peds Bony Pelvis Low-Dose Spica Casting	18.1.3/18.2.3/18.4.3/18.6.3/18.8.3	Series 2	Recon 1	BONE
			Recon 2	ST