

CT BODY PROTOCOLS 4/19/21

EXAM TITLE	Inject(ml/rate/delay)	Scan Parameters		series description #1	series description #2	series description #3	series description #4	series description #5	series description #6	series description #7	series description #8	COMMENTS					
CT ABD/PEL W CONTRAST ROUTINE	100/3-4/75 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL									
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR									
			auto tasking	none	none	none	none	none									
CT ABD/PEL W CONTRAST LOW DOSE	100/3-4/75 sec	Diaphragm to symphysis pubis	SAME AS ABOVE: BMI<30 MAS 50-70 kVp 120														
CT ABD/PEL WO CONTRAST	Unenhanced	Diaphragm to symphysis pubis	series description	UNENHANCED	UNENHANCED THINS	LUNG	SAGITTAL	CORONAL				Oral Only					
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR									
			auto tasking	none	none	none	none	none									
CT RENAL STONE	Unenhanced	Top of kidneys to symphysis pubis	series description	UNENHANCED	UNENHANCED THINS	LUNG	SAGITTAL	CORONAL				Scan from top					
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR				of kidneys					
			auto tasking	none	none	none	none	none				to sym. pubis					
CT LIVER BIPHASIC	100-125/4-5/35 sec	Diaphragm to top of acetabulum	series description	ENHANCED ARTERIAL	ARTERIAL THINS												
			slice width	3/3.75	1/1.25								20 oz. H2O				
			auto tasking	none	none								prior to scan				
	75 sec delay	Diaphragm to top of acetabulum	series description	ENHANCED VENOUS	VENOUS THINS	LUNG	SAGITTAL	CORONAL					7 oz. on the				
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR				table					
auto tasking	none	none	none	none													
CT UROGRAM	Unenhanced	Top of kidneys to symphysis pubis	series description	UNENHANCED	UNENHANCED THINS												
			slice width	3/3.75	1/1.25								20 oz. H2O				
			auto tasking	none	none								prior to scan				
	75/2.5 ml wait 10 min. Then 75/3ml/100 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP				7 oz. on the				
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR	5x3 MIP				table				
			auto tasking	none	none	none	none	none	none								
	IF YOU NEED	Rad specify area of coverage		DELAYED	DELAYED THINS	DELAYED SAGITTAL	DELAYED CORONAL	DELAYED CORONAL MIP									
DELAYED!			3/3.75	1/1.25	3x3 MPR	3x3 MPR	5x3 MIP										
CT RENAL MASS ABD WO/W	Unenhanced	Diaphragm to top of acetabulum	series description	UNENHANCED								Noncon:					
			slice width	3/3.75													
	100/4-5/40 sec	Diaphragm to top of acetabulum	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL					20 oz H2O				
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR					prior to scan				
	100 sec delay	Diaphragm to top of acetabulum	series description	DELAYED	DELAYED THINS								table				
slice width			3/3.75	1/1.25								120 sec:					

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CT PANCREATIC PROTOCOL	100-125/4-5/20 sec	Diaphragm to iliac crest	series description	ENHANCED ARTERIAL	ARTERIAL THINS												
			slice width	3/3.75	1/1.25								20 oz. H2O				
			auto tasking	none	none									prior to scan			
	75 sec delay	Diaphragm to iliac crest	series description	ENHANCED VENOUS	VENOUS THINS	LUNG	SAGITTAL	CORONAL				7 oz. on the					
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR				table					
CT ADRENAL PROTOCOL	Unenhanced	Diaphragm through mid kidney	series description	UNENHANCED					***Check unenhanced with radiologist to see if			Noncon:					
			slice width	3/3.75					HU is <10 and if enhanced series are needed.			Just Adrenals					
			auto tasking	none													
	100/4-5/75 sec	Diaphragm through mid kidney	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL				75 sec:					
			slice width	3/3.75	1/1.25	3/3.75	3X3 MPR	3X3 MPR				Entire Abd					
			auto tasking	none													
15 min delay	Diaphragm through mid kidney	series description	DELAYED					***Both the 75 sec and 15 min delay series are			15 min:						
		slice width	3/3.75					required for calculating the relative and			Just Adrenals						
		auto tasking	none					absolute % washout.									
CT ENTEROGRAPHY	100/3-4/55 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL				1 L Volumen or 50% PEG					
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR				over one hour prior to					
CT PRE IVC FILTER REMOVAL	150/2/120 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL									
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR									
USE FOR VENOGRAM ALSO!!																	
CTA POST-EVAR STENT	Unenhanced	Diaphragm to symphysis pubis	series description	UNENHANCED													
			slice width	3/3.75													
			auto tasking	none													
	100/4-5 BOLUS TRACK	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP								
			slice width	3/3.75	1/1.25	3/3.75	3X3 MPR	3X3 MPR	5X3 MIP								
			auto tasking	none													
CTA RUNOFF	125/5/ BOLUS TRACK	T12 through toes	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP								
			slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR	5x3 MIP			Sag and Cor MPR: Abd and Pelvis Only					
CTA ABD/PELVIS	Unenhanced	Diaphragm to symphysis pubis	series description	UNENHANCED													
			slice width	3/3.75													
			auto tasking	none													
	100/4-5/ BOLUS TRACK	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP								
		slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR	5x3 MIP									
CTA RENALS		FOLLOW CTA ABD/PELVIS AND ADJUST SCAN RANGE															

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CTA MESENTERIC ISCHEMIA	100/3.5/ BOLUS TRACK	Diaphragm to symphysis pubis										20 oz. H2O			
	Arterial	Diaphragm to symphysis pubis	series description	ENHANCED ARTERIAL	ARTERIAL THINS	SAGITTAL MPR	CORONAL MIP					prior to			
				3	1	3X3	5X3								
	Venous	Diaphragm to symphysis pubis	series description	ENHANCED VENOUS	VENOUS THINS	LUNG	SAGITTAL	CORONAL				7 oz. on the			
	75 sec delay		slice width	3/3.75	1/1.25	3/3.75	3X3 MPR	3X3 MPR				table			
CT ABD/PELVIS R/O AAA	FOLLOW CT ABD/PEL WITH CONTRAST														
CT GI BLEED	NON CONTRAST, LOW DOSE	Diaphragm to symphysis pubis	series description	UNENHANCED	UNENHANCED THINS										
			slice width	3	1										
	BOLUS TRACK@ 150 HU OFF THE AORTA	Diaphragm to symphysis pubis	100/4.0/55sec entire ABD/PELVIS	series description	ENHANCED ARTERIAL	ARTERIAL THINS	SAGITTAL MPR	CORONAL MPR	CORONAL MIP						
				slice width	3	1	3x3	3x3	5x3						
	PORTAL VENOUS PHASE	Diaphragm to symphysis pubis	100 sec delay from beginnig of injection entire ABD/PELVIS	series description	DELAYED	DELAYED THINS	LUNG	LUNG THINS	SAGITTAL MPR	CORONAL MPR	CORONAL MIP				
			slice width	3	1	3	1	3x3	3x3	5x3					
CT DISSECTION	Unenhanced	Top of arch to dome of liver	series description	UNENHANCED											
			slice width	3/3.75											
	100/4-5/	Lung apices through symphysis	series description	ENHANCED	ENHANCED THIN	LUNG	SAGITTAL	CORONAL	CORONAL MIP						
	BOLUS TRACK		slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR	5x3 MIP						
CT BONE/JOINT/BONY PELVIS	Unenhanced	Through bone/joint of interest	series description	BONE	SOFT TISSUE	SAGITTAL OBL BONE	CORONAL OBL BONE	SAGITTAL OBL ST	CORONAL OBL ST						
		Sag and Cor oblique thru true anatomic plane	slice width	1/1.25	2/2.5	2x2 MPR	2x2 MPR	2x2 MPR	2x2 MPR						
CT PELVIS W CONTRAST	100/3/85 sec	Iliac crest to symphysis pubis	series description	ENHANCED	ENHANCED THINS	SAGITTAL	CORONAL								
			slice width	3/3.75	1/1.25	3x3 MPR	3x3 MPR								
CT CHEST W CONTRAST	85/3/30 sec	No CA- Lung apices thru costophrenic angle	series description	ENHANCED	ENHANCED THINS	LUNG	LUNG THINS	SAGITTAL	CORONAL	AXIAL MIP LUNG					
		Hx CA- Lung apices through adrenal glands	slice width	3/3.75	1/1.25	3/3.75	1/1.25	3x3 MPR	3x3 MPR	10x5 MIP					

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CT CHEST WO CONTRAST	Unenhanced	Lung apices through costophrenic angle	series description	UNENHANCED	UNENHANCED THINS	LUNG	LUNG THINS	SAGITTAL	CORONAL	AXIAL MIP LUNG							
			slice width	3/3.75	1/1.25	3/3.75	1/1.25	3X3 MPR	3X3 MPR	10x5 MIP							
CT CHEST WO CONTRAST LOW DOSE	Use low dose imaging when doing a FOLLOW-UP procedure for pulmonary nodules, no time frame restrictions with respect to previous CT chest studies, no restrictions with respect to Body Mass Index (BMI). Parameters and Recons same as CT Chest w/o but MAS 50-70 kVp 120																
CT CHEST HI RES	Unenhanced	Lung apices through costophrenic angle	SUPINE series description	SOFT TISSUE	SOFT TISSUE THINS	LUNG	LUNG THINS	SAGITTAL	CORONAL	AXIAL MIP LUNG							
	INSPIRATION	Lung apices through costophrenic angle	slice width	3/3.75	1/1.25	3/3.75	1/1.25	3X3 MPR	3x3 MPR	10x5 MIP							
	UNENHANCED EXPIRATION SUPINE!	Lung apices through costophrenic angle	SUPINE sequence series description	LUNG SUPINE EXPIRATION	-----	-----	-----	-----	-----	-----	----->	THIS IS A SEQUENCE					
			slice width	1x20													
	INSPIRATION PRONE	Lung apices through costophrenic angle	PRONE series description	LUNG PRONE													
			slice width	1x20													
CT ANGIO CHEST(INCLUDES PE)		Aortic arch through base of heart	series description	UNENHANCED (PREMONITOR)													
	85-100/4-5/	Lung apices through costophrenic angle	series description	ENHANCED	ENHANCED THINS	LUNG	LUNG THINS	SAGITTAL	CORONAL MIP	AXIAL MIP LUNG							
	BOLUS TRACK		slice width	3/3.75	1/1.25	3/3.75	1/1.25	3x3 MPR	5x3 MIP	10x5 MIP							
			auto tasking	none	vitrea	none	none	none	none	none	none						
PEDIATRIC CT ANGIO CHEST		Lung apices through costophrenic angle	series description	UNENHANCED (PREMONITOR)	bolus track on aorta or, known congenital anomaly consult RAD												
	2ml/kg contrast + 6ml saline	Lung apices through costophrenic angle	series description	ENHANCED	ENHANCED THINS	LUNG	LUNG THINS	SAGITTAL	CORONAL MIP	AXIAL MIP LUNG							
	24g-1cc/sec, 22g-2cc/sec, 20g-3cc/sec		slice width	3x3	1x1	3x3	1x1	2x2	5x3	10x5							

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TRAUMA TAP	ARTERIAL PHASE	C6 through lesser trochanter	series description	ENHANCED	ENHANCED THINS	BONE	LUNG THINS	AXIAL MIP LUNG	SAGITTAL ST	CORONAL ST	SAGITTAL BONE	BONE	ST	SAGITTAL BONE	CORONAL BONE
	80-100/3ml/sec/ 25 second delay		slice width	3	1	1(FULL FOV)	1	10x5	3x3	3x3	2x2 entire spine	1	2	2x2	2x2
			accession #	TAP	TAP	TAP	TAP	TAP	TAP	TAP	TAP	T SPINE	T SPINE	T SPINE	T SPINE
	VENOUS PHASE	Top of diaphragm to symphysis pubis		ENHANCED	ENHANCED THINS	SAGITTAL ST	CORONAL ST	BONE	ST	SAGITTAL BONE	CORONAL BONE	SAGITTAL ST	CORONAL ST		
	75 SEC			3	1	3x3	3x3	1	2	2x2	2x2	2X2	2X2		
			accession #	AP	AP	AP	AP	L SPINE	L SPINE	L SPINE	L SPINE	L SPINE	L SPINE		
CYSTOGRAM	Foley catheter must be in place	Iliac crest through lesser trochanter	series description	UNENHANCED											
	250 ml bag saline with 12.5 ml isovue 370		slice width	3											
	FILL BLADDER	Iliac crest through lesser trochanter	series description	ENHANCED	ENHANCED THINS	SAGITTAL	CORONAL								
			slice width	3	1	3x3	3x3								
CT GATED CHEST	4ml/SEC	Lung apices through costophrenic angle	series description	ENHANCED	ENHANCED THINS	LUNG	LUNG THINS	SAGITTAL MIPS	CORONAL MIPS	AXIAL MIP LUNG					
	CARE BOLUS		slice width	3	1.5	3	1	5x3	5x3	10x5					
CALCIUM SCORING	NON CONTRAST	Inferior aortic arch through costophrenic angle	series description	UNENHANCED	LUNG										
			slice width	3	3										
TAVR	5ml/sec/care bolus	Inferior aortic arch through costophrenic angle	series description	SYSTOLIC	DIASTOLIC	25%-45% PHASE									
	VALVE		slice width	0.6	0.6	1									
	TAP	Lung apices through symphysis pubis	series description	ENHANCED THINS	ENHANCED	LUNG	SAGITTAL MIP	CORONAL MIP							
		slice width	1	3	3	3x3	3x3								

