MODIFIED 4/27/23

CT BODY PROTOCOLS 9/16/20

EXAM TITLE	Inject(ml/rate/delay)	Scan Paramaters		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	100/3-4/75 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL							
ROUTINE			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	100/3-4/75 sec	Diaphragm to symphysis pubis	SAME AS ABOVE: BMI<30 MAS 50-70 kVp 120												
LOW DOSE															
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. H20			
			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	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. H20			
			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	Unenhanced	Diaphragm to top of acetabulum	series description	UNENHANCED								Noncon:			
ABD WO/W			slice width	3/3.75								Just Kidneys			
	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		3x3 MPR	3x3 MPR				120 sec:			

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CT PANCREATIC PROTOCOL	100-125/4-5	Diaphragm to iliac crest	series description	ENHANCED ARTERIAL	ARTERIAL THINS							
	Arterial Phase-Care Bolus off Aorta		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
	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	150/2/180 sec	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL				
REMOVAL			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	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP			
	BOLUS TRACK		slice width	3/3.75	1/1.25	3/3.75	3X3 MPR	3X3 MPR	5X3 MIP			
	40 sec delay	Diaphragm to symphysis pubis	series description	DELAYED								
			slice width	3/3.75								
			auto tasking	none								
CTA RUNOFF	125/5/	T12 through toes	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP			
	BOLUS TRACK		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/	Diaphragm to symphysis pubis	series description	ENHANCED	ENHANCED THINS	LUNG	SAGITTAL	CORONAL	CORONAL MIP			
	BOLUS TRACK		slice width	3/3.75	1/1.25	3/3.75	3x3 MPR	3x3 MPR	5x3 MIP			

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CTA RENALS		FOLLOW CTA ABD/PELVIS AND ADJUST SCAN RANGE													
CTA MESENTERIC	100/3.5/	Diaphragm to symphysis pubis													
ISCHEMIA	BOLUS TRACK											20 oz. H2O			
	Arterial	Diaphragm to symphysis pubis	series description	ENHANCED ARTERIAL	ARTERIAL THINS	SAGITTAL MPR	CORONAL MIP					ON TABLE			
				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 ABDPELVIS 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 MIPS						
				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	Unenhanced	Through bone/joint of interest	series description	BONE	SOFT TISSUE	SAGITTAL OBL BONE	CORONAL OBL BONE	SAGITTAL OBL ST	CORONAL OBL ST						
PELVIS		Sag and Cor oblique thru true anatomic pl	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								

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CT CHEST W CONTRAST	85/3/30 sec	No CA- Lung apices thru costophrenic angl	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					
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	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														
LOW DOSE															
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					
PEDIATRIC CT ANGIO CHEST		Lung apices through costophrenic angle	series descpription	UNENHANCED (PREMONITOR)	bolus track on aorta or, known congenital anomaly consult RAD										
	2ml/kg contrast + 6ml saline	Lung apices through costophrenic angle	series descpription	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 THINIS	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 a	series description	UNENHANCED	LUNG										
			slice width	3	3										
TAVR	5ml/sec/care bolus	Inferior aortic arch through costophrenic a	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							
COLONOGRAPHY	SUPINE	Top of diaphragm to symphysis pubis	series description	SUPINE											

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			slice width	1											
	PRONE	Top of diaphragm to symphysis pubis	series descripton	PRONE											
			slice width	1											
EXTREMITY WO		Through area of interest	series description	BONE	ST	CORONAL BONE	SAGITTAL BONE								
			slice width	1	2	2	2								
EXTREMITY W		Through area of interest	series description	ENHANCED	BONE	CORONAL ST	SAGITTAL ST								
			slice width	2	1	2	2								