Medical Imaging
In partnership with
MWHC Radiologic Associates of Fredericksburg

name	Range name	Series description	Send to: ISITE (IS) or AQ NET (AQ)	Ref. kV	kV	Quality ref. mAs	(Eff.) mAs	(Eff.) mAs(Tube A)	(Eff.) mAs(Tube B)	CARE kV	Tissue of Interest (Slider position 1 - 12)	Dose modulation	CARE Dose type	CTDIvol (mGy)	DLP (mGy*cm)	FAST Adjust: Upper limit scan time	FAST Adjust: Lower limit max. mAs	Dose Notification value CTDIvol (mGy)	Dose Notification value DLP (mGy*cm)	Rotation time (s)	Scan time (s)	Delay (s)	Pitch	Feed per scan (mm)	Slice (mm)	Acq.	Effective Slice (mm)	Position increment (mm)	No. of images			Kernel	Window	API	Comment 1	Comment 2	Auto transfer 1	Auto transfer 2	Auto transfer 3	syngo.via: Workflow	syngo.via: Data role	Scan start	Scan end	Pulsing	Pulsing start	Pulsing end	BestPhase	Phase start	Multi phase
CARDIAC_Mass (Adult)																																																		
CARDIAC_MASS (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Heart W/O			100	120	282		282		On	9	On	CARE Dose4D	18.73	265.46		25%			0.285		2	0.23		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Normal	35%	35%				
		SYSTOLIC	IS																							0.6	0.6	201			Br38	Cardiac							CT Cardiac								manual	35%			
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum							CT Cardiac								manual	35%			
	CCTA RETRO			100	120	282		282		On	9	On	CARE Dose4D	18.73	265.46		25%			0.285		2	0.23		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Normal	35%	35%				
		SYSTOLIC	IS																							0.6	0.6	201			Br38	Cardiac							CT Cardiac								manual	35%			
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum							CT Cardiac								manual	35%			
CARDIAC_POST_CABG (Adult)																																																		
CARDIAC_POST_CABG (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		66				3	Off	CARE Dose	0.03	1.45		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		66				3	Off	CARE Dose	0.03	1.45		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Post CABG			120	120	240		240		On	9	On	CARE Dose4D	20.11	345.39		25%			0.285		2	0.23		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Advance	35%	35%				
		SYSTOLIC	IS																							0.6	0.4	376			Br38	Cardiac							CT Cardiac								manual	35%			
		OPEN FOV SOFT TISSUE	IS																							5	5	31			Br38	Mediastinum							CT Cardiac	CT Coronary							manual	35%			
		OPEN FOV THINS	IS																							1	0.5	301			Br38	Mediastinum							CT Cardiac	CT Coronary							manual	35%			
CORONARY_31_to_50_BMI (Adult)																																																		
CORONARY_31_to_50_BMI (Adult)	Topogram	Topogram 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	CA SCORE			120	120	100		80		Semi	5	On	CARE Dose4D	3.38	58.39		25%			0.285		2	0	34	3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0								70%	70%	Off	70%	70%			
		CALCIUM SCORE	AQ/IS																							3		57			Qr32	Mediastinum				TERARECON			CT Cardiac	CT CaScoring, AA - CT CaScoring							manual	70%			
	CCTA PRO			100	120	282		282		Semi	9	On	CARE Dose4D	16.53	228.1		25%			0.285		20	0	34	0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0								60%	80%	Normal	60%	80%			
		BEST PHASE	IS																							0.6		344			Br38	Cardiac							CT Cardiac								BestDiast	70%			
		MULTIPHASE	IS																							0.6		7224			Br38	Cardiac							CT Cardiac	AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran, AA - Curved Radial MPR RCA, AA - Curved Radial MPR LAD, AA - Curved Radial MPR LCX							manual		0 % 5 % 10 % 15 % 20 % 25 % 30 % 35 % 40 % 45 % 50 % 55 % 60 % 65 % 70 % 75 % 80 % 85 % 90 % 95 % 100 %
		TS BEST PHASE SHARP	AQ/IS																							0.6		344			Br40	Cardiac							CT Cardiac								BestDiast	70%		
		TS LG BMI BEST PHASE	IS																							0.75		197			Br38	Cardiac							CT Cardiac								BestDiast	70%		
		OPEN FOV SOFT TISSUE	IS																							5		27			Br38	Mediastinum							CT Cardiac								BestDiast	70%		
	CCTA RETRO			100	120	282		282		Semi	9	On	CARE Dose4D	61.26	860.68		25%			0.285		20	0.19		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Advance	60%	80%				
		BEST PHASE	IS																							0.6	0.6	201			Br38	Cardiac							CT Cardiac								BestDiast	70%		
		MULTIPHASE TS	IS																							0.6	0.6	4221			Br38	Cardiac							CT Cardiac								manual		0 % 5 % 10 % 15 % 20 % 25 % 30 % 35 % 40 % 45 % 50 % 55 % 60 % 65 % 70 % 75 % 80 % 85 % 90 % 95 % 100 %
		TS BEST PHASE SHARP	AQ/IS																							0.6	0.6	201			Br40	Cardiac							CT Cardiac								BestDiast	70%		
		TS LG BMI BEST PHASE	IS																							0.75	0.7	172			Br38	Cardiac							CT Cardiac								BestDiast	70%		
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum							CT Cardiac								BestDiast	70%		
CORONARY_FLASH (Adult)																																																		
CORONARY_FLASH (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0															
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0															
	Flash CaScore			120	120	100		80		Semi	5	On	CARE Dose4D	1.51	28.3		25%			0.285		2	3.4		3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0															
		Flash CaScore 3.0 Sa36 60%	AQ/IS																							3	1.5	91			Sa36	Mediastinum				TERARECON			CT Coronary + Ca	CT CaScoring								60%	
	Flash Coronary			100	100	282		282		On	9	On	CARE Dose4D	2.46	45.98		25%			0.285		2	3.4		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0															
		FLASH	IS																							0.6	0.4	338			Br38	Cardiac							CT Coronary + Ca	CT Coronary, AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran,								60%	
		OPEN FOV SOFT TISSUE	IS																							5	5	28			Br38	Mediastinum							CT Coronary + Ca	CT Coronary, AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran,								60%	
CORONARY_FUNCTION_31_to_50_BMI (Adult)																																																		
CORONARY_FUNCTION_31_to_50_BMI (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	CA SCORE			120	120	100		80		Semi	5	On	CARE Dose4D	3.38	58.39		25%			0.285		2	0	34	3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0								70%	70%	Off	70%	70%			
		CALCIUM SCORE	AQ/IS																							3		57			Qr32	Mediastinum				TERARECON			CT Cardiac	CT CaScoring, AA - CT CaScoring							manual	70%			
	CCTA RETRO			100	120	282		282		Semi	9	On	CARE Dose4D	45.55	640.04		25%			0.285		2	0.19		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Normal	60%	80%				
		BEST PHASE	IS																							0.6	0.6	201			Br38	Cardiac							CT Cardiac								BestDiast	70%		
		MULTIPHASE TS	IS																							0.6	0.6	4221			Br38	Cardiac							CT Cardiac								manual		0 % 5 % 10 % 15 % 20 % 25 % 30 % 35 % 40 % 45 % 50 % 55 % 60 % 65 % 70 % 75 % 80 % 85 % 90 % 95 % 100 %
		TS BEST PHASE SHARP	AQ/IS																							0.6	0.6	201			Br40	Cardiac							CT Cardiac								BestDiast	70%		
		TS LG BMI BEST PHASE	IS																							0.75	0.7	172			Br38	Cardiac							CT Cardiac								BestDiast	70%		
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum							CT Cardiac								BestDiast	70%		
CORONARY_FUNCTION_OVER_50_BMI (Adult)																																																		
CORONARY_FUNCTION_OVER_50_BMI (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMEDRICS												
	CA SCORE			120	120	100		80		Semi	5	On	CARE Dose4D	3.38	58.39		25%			0.285		2	0	34	3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0								70%	70%	Off	70%	70%			
		CALCIUM SCORE	AQ/IS																							3		57			Qr32	Mediastinum				TERARECON			CT Cardiac	CT CaScoring, AA - CT CaScoring							manual	70%			
	CCTA RETRO			100	140	282		282		Semi	9	On	CARE Dose4D	54.54	766.36		25%			0.285		2	0.19		0.6	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0									Normal	60%	80%				

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		CALCIUM SCORE	AQ/IS																								3		57			Qr32	Mediastinum			TERARECON		CT CaScoring	CT CaScoring, AA - CT CaScoring						manual	70%				
		ROUTINE	IS																								5		34			Br40	Mediastinum					CT CaScoring	CT CaScoring, AA - CT CaScoring						manual	70%				
		MEDIASTINUM	IS																								3		57			Br40	Mediastinum					CT CaScoring	CT CaScoring, AA - CT CaScoring						manual	70%				
		LUNG	IS																								5		34			Br60	Lung					CT CaScoring	CT CaScoring, AA - CT CaScoring						manual	70%				
		LUNG 3	IS																								3		57			Br60	Lung					CT CaScoring	CT CaScoring, AA - CT CaScoring						manual	70%				
GATED_AORTIC_ROOT_OVER_40_BMI (Adult)																																																						
GATED_AORTIC_ROOT_OVER_40_BMI (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	2bb23449-d168-431e-b345-79a3c376c115			RADIMETRICS														
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	2bb23449-d168-431e-b345-79a3c376c115			RADIMETRICS														
	Fl Chest WO			120	120	68		68		On	7	On	CARE Dose4D	3.49	119.91	5s	25%			0.285		2	3		3	128x0.6mm								2bb23449-d168-431e-b345-79a3c376c115																
		UNENHANCED	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D													
	PreMonitoring			120	100	240	23			Off	11	Off	CARE Dose4D	0.63	0.63		25%			0.285		2	0	0	10	1x10.0mm																		Off							
		PreMonitoring 10.0 Br36	IS																								10		1			Br36	Cardiac														manual				
	Monitoring			120	100	240	23			Off	11	Off	CARE Dose4D	18.92	18.92		25%			0.285		10	0	0	10	1x10.0mm																		Off							
		Monitoring 10.0 Br36	IS																								10		30			Br36	Cardiac														manual				
	GATED CHEST			120	120	240		240		On	9	On	CARE Dose4D	11.01	306.85		25%			0.285		2	0.23		1.5	128x0.6mm								2bb23449-d168-431e-b345-79a3c376c115												Advance	35%	35%			
		THINS	IS																								1.5	0.75	201			Br38	Cardiac					CT Pulmo 3D									manual	35%			
		ROUTINE	IS																								3	3	84			Br40	Mediastinum					CT Pulmo 3D									manual	35%			
		LUNG	IS																								3	3	84			Br60	Lung					CT Pulmo 3D									manual	35%			
		AXIAL MIP	IS																								8	4	63			Br40	Lung					CT Pulmo 3D									manual	70%			
		COR MPR	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D									manual	35%			
		SAG MPR	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D									manual	35%			
		OBL MIP (CANDY CANE)	IS																								7	3	101			Br40	Mediastinum					CT Pulmo 3D									manual	35%			
GATED_AORTIC_ROOT_UNDER_40_BMI (Adult)																																																						
GATED_AORTIC_ROOT_UNDER_40_BMI (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	2bb23449-d168-431e-b345-79a3c376c115			RADIMETRICS														
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	2bb23449-d168-431e-b345-79a3c376c115			RADIMETRICS														
	Fl Chest WO			120	120	68		68		On	7	On	CARE Dose4D	3.5	114.64	5s	25%			0.285		2	2.2		3	128x0.6mm								2bb23449-d168-431e-b345-79a3c376c115																
		UNENHANCED	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D													
	PreMonitoring			120	100	240	23			Off	9	Off	CARE Dose4D	0.63	0.63		25%			0.285		2	0	0	10	1x10.0mm																		Off							
		PreMonitoring 10.0 Br36	IS																								10		1			Br36	Cardiac														manual				
	Monitoring			120	100	240	23			Off	9	Off	CARE Dose4D	18.92	18.92		25%			0.285		10	0	0	10	1x10.0mm																		Off							
		Monitoring 10.0 Br36	IS																								10		30			Br36	Cardiac														manual				
	FL Gated Chest			120	120	240		240		On	9	On	CARE Dose4D	3.86	75.99		25%			0.285		2	3.2		2	128x0.6mm								2bb23449-d168-431e-b345-79a3c376c115																
		HEART	IS																								2	2	76			Br40	Cardiac					CT Pulmo 3D											30%		
		ROUTINE	IS																								3	3	51			Br40	Mediastinum					CT Pulmo 3D											30%		
		LUNG	IS																								3	3	51			Br60	Lung					CT Pulmo 3D											30%		
		THINS	IS																								2	1	151			Br40	Cardiac					CT Pulmo 3D											30%		
		AXIAL MIP	IS																								8	4	38			Br40	Lung					CT Pulmo 3D											30%		
		COR MPR	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D											30%		
		SAG MPR	IS																								3	3	101			Br40	Mediastinum					CT Pulmo 3D											30%		
		OBL MIP (CANDY CANE)	IS																								8	4	76			Br40	Mediastinum					CT Pulmo 3D											30%		
LEAD_EXTRACTION (Adult)																																																						
LEAD_EXTRACTION (Adult)	Topogram	Topogram 1.0 Tr20	IS		100		66				3	Off	CARE Dose	0.03	1.45		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	Topogram	Topogram 1.0 Tr20	IS		100		66				3	Off	CARE Dose	0.03	1.45		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	Lead Extraction			100	120	282		282		On	9	On	CARE Dose4D	12.56	216.6		25%			0.285		70	0	34	1	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0								60%	80%	Normal	65%	75%			
		BEST DIASTOLIC	IS																							1		344			Br38	Cardiac					CT Cardiac							BestDiast	70%		
		MULTIPHASE	IS																							1		1720			Br38	Cardiac					CT Cardiac	AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran, AA - Curved Radial MPR RCA, AA - Curved Radial MPR LAD, AA - Curved Radial MPR LCX						manual		60 % 65 % 70 % 75 % 80 %
		SOFT TISSUE OPEN FOV	IS																							5		34			Br38	Mediastinum					CT Cardiac							BestDiast	70%		
PERICARDIUM (Adult)																																																						
PERICARDIUM (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		56				3	Off	CARE Dose	0.03	1.23		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	Pericardium/WO			100	120	282		282		On	9	On	CARE Dose4D	18.73	265.46		25%			0.285		2	0.23		3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0												Normal	35%	35%			
		SYSTOLIC	IS																							3	1.5	81			Br38	Cardiac					CT Cardiac									manual	35%			
		THINS	IS																							0.6	0.6	201			Br38	Cardiac					CT Cardiac									manual	35%			
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum					CT Cardiac									manual	35%			
	Pericardium W			100	120	282		282		On	9	On	CARE Dose4D	18.73	265.46		25%			0.285		35	0.23		3	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0												Normal	35%	35%			
		SYSTOLIC	IS																							3	3	41			Br38	Cardiac					CT Cardiac									manual	35%			
		THINS	IS																							0.6	0.6	201			Br38	Cardiac					CT Cardiac									manual	35%			
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Mediastinum					CT Cardiac									BestDiast	70%		
PULMONARY_VEIN_OVER_30_BMI (Adult)																																																						
PULMONARY_VEIN_OVER_30_BMI (Adult)	Topogram LAT	Topogram LAT 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	Topogram AP	Topogram AP 1.0 Tr20	IS		100		67				3	Off	CARE Dose	0.03	1.48		25%			0.5		2	0			6x0.6mm	1		1			Tr20	Topogram Body	91115886-3b20-4722-ad3c-7036d0bd19b0			RADIMETRICS														
	PulmVein			100	100	282		282		On	11	On	CARE Dose4D	13.69	193.98		25%			0.285		2	0.23		1	128x0.6mm								91115886-3b20-4722-ad3c-7036d0bd19b0												Advance	35%	35%			
		THINS	IS																							1	1	121			Br38	Cardiac					CT Coronary + Ca	CT Coronary, AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran,						BestDiast	70%		
		INSIGHT VELOCITY	IS																							1	1	121			Br38	Cardiac					CT Coronary + Ca	CT Coronary, AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran,						BestDiast	70%		
		OPEN FOV SOFT TISSUE	IS																							5	5	25			Br38	Cardiac					CT Coronary + Ca	CT Coronary, AA - Heart VRT LAO Cran, AA - Coronaries VRT LAO Cran,						BestDiast	70%		
	Delay			100	100	112		112		On	11	On	CARE Dose4D	3.33	142.27	5s	25%			0.285		10	2.2		1	128x0.6mm								2bb23449-d168-431e-b345-79a3c376c115																
		DELAY	IS																							1	0.5	801			Br38	Cardiac					CT Coronary + Ca													
PULMONARY_VEIN_UNDER_30_BMI (Adult)																																																						

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