SOMATOM go.Up - Exam Protocols
syngo CT VA40

The dose values stated in the exam protocol list are estimations and provide orientation and overview. For individual exam protocols, the valid dose values are displayed at the CT scanner.

The descriptions below refer to the corresponding column headings of the exam protocol tables on the following pages.

FAST kV IQ level
'FAST kV IQ level' specifies the relative image quality that the system would achieve under specific reference conditions with regards to the patient's size and anatomic shape and standard tube voltage of 120 kV, independent of the specific scanner conditions.

Eff. mAs
'Eff mAs' indicates the values for operation with deactivated CARE Dose4D. The dose values are defined as a typical adult (70 - 80 kg or 155 - 180 lbs) for adult protocols, or as a typical child (5 years, appr. 20 kg or 45 lbs) for child protocols.

CTDIvol [mGy]
Measured in a 16 cm phantom for head modes and in a 32 cm phantom for body scans.

CTDIvol [mGy]; DLP [mGy*cm]
The indicated dose values 'CTDIvol', and 'DLP' refer to the indicated settings for operation with deactivated CARE Dose4D, regardless if CARE Dose4D is activated by default or not.

Shaped Filter
Displays the setting of the filter in collimator, standard or narrow.

Absolute Start Delay [s]
The delay time of all ranges of an auto range always refers to 0.

Iterative Recon (SAFIRE or ADMIRE)
It is an iterative reconstruction and the Strength can be adjusted to the customer’s preference.

For each Siemens Healthineers exam protocol [factory], the Decision Trees and the Recon Strategies are listed. The scan strategies can be combined with patient characteristics and categories or patient questions into a decision tree in the myExam Cockpit workspace in the Exam Designer.

For each Siemens Healthineers exam protocol [factory], the Contrast Protocols are listed. The contrast protocols are displayed in the Contrast Protocols workspace in the Exam Designer, where you can set up the injection phases and contrast agent information for CARE Contrast CT examinations.

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Brain [factory] (Adult)	>Indications: stroke, hemorrhage, cerebral atrophy, hydrocephalus, inflammation, wo CM >Scan modes: RoutineSpiralAdultHead >Decision Tree: *Brain contrast medium necessary [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0															
			Topogram 0.70 Tr20 sag																									Tr20						
		Brain		Brain	RoutineSpiralAdultHead	*Brain contrast medium necessary [factory]	32 x 0.70	Off			130	230		(16 cm) 51.0	716	Standard		0.55	1.00		3.0													
			Brain 5.00 Hr40 I2																				5.00	5.00	Brain contrast medium necessary [factory].wo CM; Brain contrast medium necessary [factory].w CM	None	Impression Multi Recons (2)		Hr40	On	2				
			Brain 5.00 Hr60 I2																									Hr60	On	2				
Brain Multi Phase [factory] (Adult)	>Indications: stroke, tumors, cerebral atrophy, hydrocephalus, inflammation,w and wo CM >Scan modes: RoutineSpiralAdultHead >Contrast Protocol: Brain [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0															
			Topogram 0.70 Tr20 sag																									Tr20						
		Non Contrast Brain		Brain	RoutineSpiralAdultHead		32 x 0.70	Off			130	230		(16 cm) 51.0	716	Standard		0.55	1.00		3.0													
			Non Contrast Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Non Contrast Brain 5.00 Hr60 I2																									Hr60	On	2				
		Venous Phase Brain		Brain	RoutineSpiralAdultHead		32 x 0.70	Off			130	251		(16 cm) 55.7	782	Standard		0.55	1.00		180.0	Brain [factory]													
			Venous Phase Brain 5.00 Hr40 I2																				5.00	5.00		None	None		Hr40	On	2				
Brain Perfusion [factory] (Adult)	>Indications: stroke, hemorrhage, ischemia, malperfusion, aneurysm, w and wo CM >Possible application: CT Neuro Perfusion >Scan modes: RoutineSpiralAdultHead, DynamicSequenceAdultHead, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: Brain Perfusion [factory], CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0															
			Topogram 0.70 Tr20 sag																									Tr20						
		Non Contrast Brain		Brain	RoutineSpiralAdultHead		32 x 0.70	Off			130	230		(16 cm) 51.0	716	Standard		0.55	1.00		3.0													
			Non Contrast Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Non Contrast Brain 5.00 Hr60 I2																									Hr60	On	2				
			Non Contrast Brain 5.00 Hr40 I2 ASPECT																				5.00	5.00		ASPECT Score	None		Hr40	On	2				
			Non Contrast Brain 4.00 Hr40 I3 BrainHem																				4.00	4.00		Brain Hemorrhage	None			On	3				
		Perfusion Brain		Brain	DynamicSequenceAdultHead		32 x 0.70	Off			80	96		(16 cm) 171	382	Standard	0.0		0.80	Full 0.80	3.0	Brain Perfusion [factory]													
			Perfusion Brain 5.00 Hr36 3.80s - 48.60s																				5.00	3.00					Hr36	Off	2				
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					7.0															
			Topogram 0.70 Tr20 cor																									Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]													
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain and Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	341	Standard		1.20	0.80			CTA [factory]													
			CTA Brain and Neck 3.00 Hv36 I2 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Hv36	On	2				
			CTA Brain and Neck 3.00 Hv36 I2 cor																																
			CTA Brain and Neck 3.00 Hv36 I2 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Brain Perfusion Prolonged [factory] (Adult)	>Indications: stroke, hemorrhage, ischemia, malperfusion, aneurysm, w and wo CM >Possible application: CT Neuro Perfusion >Scan modes: RoutineSpiralAdultHead, DynamicSequenceAdultHead, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: Brain Perfusion [factory], CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0													
		Topogram 0.70 Tr20 sag																										Tr20							
		Non Contrast Brain		Brain	RoutineSpiralAdultHead		32 x 0.70	Off			130	230		(16 cm) 51.0	716	Standard		0.55	1.00		3.0												
			Non Contrast Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Non Contrast Brain 5.00 Hr60 I2																										Hr60	On	2				
			Non Contrast Brain 5.00 Hr40 I2 ASPECT																				5.00	5.00		ASPECT Score	None		Hr40	On	2				
			Non Contrast Brain 4.00 Hr40 I3 BrainHem																				4.00	4.00		Brain Hemorrhage	None			On	3				
		Perfusion Brain		Brain	DynamicSequenceAdultHead		32 x 0.70	Off			80	96		(16 cm) 171	382	Standard	0.0		0.80	Full 0.80	3.0	Brain Perfusion [factory]												
			Perfusion Brain 5.00 Hr36 3.80s - 61.40s																				5.00	3.00					Hr36	Off	2				
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					7.0													
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain and Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	341	Standard		1.20	0.80			CTA [factory]												
			CTA Brain and Neck 3.00 Hv36 I2 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Hv36	On	2				
			CTA Brain and Neck 3.00 Hv36 I2 cor																																
			CTA Brain and Neck 3.00 Hv36 I2 ax																																
Inner Ear [factory] (Adult)	>Indications: inflammation, tumorous processes of pyramids, acoustic neuroma, pathologies of the mastoid process, cerebellopontine angle tumors, cochlea implants, trauma, wo CM >Scan modes: RoutineSpiralAdultHeadSn	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0													
			Topogram 0.70 Tr20 sag																										Tr20						
		Inner Ear		Brain	RoutineSpiralAdultHeadSn		32 x 0.70	On	110	Auto (Bone/Calcium)	Sn 130	316		(16 cm) 16.9	119	Standard		0.55	1.00		3.0												
			Inner Ear 1.50 Hr60 I3 ax																				1.50	1.50		None	Impression Multi Recons (2)	MPR	Hr60	On	3				
			Inner Ear 1.50 Hr40 I3 ax																										Hr40	On	3				
			Inner Ear 0.80 Hr60 I3 cor R																				0.80	0.80		Parallel Ranges	None	MPR	Hr60	On	3				
			Inner Ear 0.80 Hr60 I3 cor L																				0.80	0.80		Parallel Ranges	None	MPR	Hr60	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Sinus [factory] (Adult)	>Indications: sinusitis, mucocele, pneumatization, polyposis, tumor, corrections, trauma, wo CM >Scan modes: RoutineSpiralAdultHeadSnXcare >Decision Tree: Sinus sinusitis or soft tissue [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0													
			Topogram 0.70 Tr20 sag																									Tr20						
		Sinus		Brain	RoutineSpiralAdultHeadSnXcare	Sinus sinusitis or soft tissue [factory]	32 x 0.70	On	50	Bone/Calcium	Sn 110	236		(16 cm) 6.43	64.6	Standard		0.55	1.00		3.0												
			Sinus 3.00 Hr60 I3 ax																				3.00	3.00	Sinus sinusitis or soft tissue [factory].low dose	None	Impression Multi Recons (2)	MPR	Hr60	On	3				
			Sinus 3.00 Hr40 I3 ax																										Hr40	On	3				
			Sinus 3.00 Hr60 I3 cor																				3.00	3.00	Sinus sinusitis or soft tissue [factory].low dose	Parallel Ranges	None	MPR	Hr60	On	3				
			Sinus 3.00 Hr40 I3 ax																				3.00	3.00	Sinus sinusitis or soft tissue [factory].standard dose	None	Impression Multi Recons (2)	MPR	Hr40	On	3				
			Sinus 3.00 Hr60 I3 ax																										Hr60	On	3				
			Sinus 3.00 Hr40 I3 cor																				3.00	3.00	Sinus sinusitis or soft tissue [factory].standard dose	Parallel Ranges	None	MPR	Hr40	On	3				
Orbit [factory] (Adult)	>Indications: fracture, tumor, trauma, wo CM >Scan modes: RoutineSpiralAdultHeadSnXcare	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0												
			Topogram 0.70 Tr20 sag																									Tr20						
		Orbit		Brain	RoutineSpiralAdultHeadSnXcare		32 x 0.70	On	110	Auto (Bone/Calcium)	Sn 110	475		(16 cm) 12.9	91.1	Standard		0.55	1.00		3.0												
			Orbit 2.00 Hr60 I3																				2.00	2.00		None	Impression Multi Recons (2)		Hr60	On	3				
			Orbit 2.00 Hr40 I3																										Hr40	On	3				
			Orbit 2.00 Hr60 I3 cor R																				2.00	2.00		Parallel Ranges	None	MPR	Hr60	On	3				
			Orbit 2.00 Hr60 I3 cor L																				2.00	2.00		Parallel Ranges	None	MPR	Hr60	On	3				
			Orbit Hr40 I3 cor Radial																							Radial Ranges	None	VRT	Hr40	On	3				
Dental [factory] (Adult)	>Indications: display and measurement of the bone structures of the upper and lower jaw as the basis for planning in oral surgery, wo CM >Possible application: CT Dental >Scan modes: RoutineSpiralAdultH	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0												
			Topogram 0.70 Tr20 sag																									Tr20						
		Dental		Brain	RoutineSpiralAdultHead		32 x 0.70	On	65	Bone/Calcium	130	44		(16 cm) 9.76	68.8	Standard		0.55	1.00		3.0												
			Dental 1.00 Hr60 I3																				1.00	0.70		None	None		Hr60	On	3				
			Dental 5.00 Hr60 I3 ax																				5.00	5.00		None	None	MPR	Hr60	On	3				
Neck [factory] (Adult)	>Indications: masses, tumor, metastases, lymphoma, lymph nodes in the larynx or pharynx region, w/wo CM >Scan modes: RoutineSpiralAdultNeck >Decision Tree: Neck contrast medium necessary [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.12	3.01	Standard					7.0												
			Topogram 0.70 Tr20 sag																									Tr20						
		Neck		Neck	RoutineSpiralAdultNeck	Neck contrast medium necessary [factory]	32 x 0.70	On	155	Non-Contrast	130	102		(32 cm) 10.9	229	Standard		0.80	1.00		7.0												
			Neck 5.00 Br40 I3 sag																				5.00	5.00	Neck contrast medium necessary [factory].wo CM; Neck contrast medium necessary [factory].w CM	None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Neck 5.00 Br40 I3 cor																																
			Neck 5.00 Br40 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Shoulder [factory] (Adult)	>Indications: evaluation of joint cavities, trauma, dislocations, orthopedic indications, shoulder joint, wo CM >Scan modes: RoutineSpiralAdultShoulder >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Shoulder		Shoulder	RoutineSpiralAdultShoulder	Side [factory]	32 x 0.70	On	130	Auto (Bone/Calcium)	130	84		(32 cm) 9.01	161	Standard		0.80	1.00		3.0													
			Shoulder 5.00 Br60 I3 ax																				5.00	5.00	Side [factory].recon both; Side [factory].recon right; Side [factory].recon left	None	None	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	Parallel Ranges	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 cor R																																
			Shoulder 3.00 Br60 I3 ax R																																
			Shoulder 3.00 Br40 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	Parallel Ranges	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Shoulder 3.00 Br40 I3 cor R																																
			Shoulder 3.00 Br40 I3 ax R																																
			Shoulder 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	Parallel Ranges	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 cor L																																
			Shoulder 3.00 Br60 I3 ax L																																
			Shoulder 3.00 Br40 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	Parallel Ranges	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Shoulder 3.00 Br40 I3 cor L																																
			Shoulder 3.00 Br40 I3 ax L																																
Thorax [factory] (Adult)	>Indications: masses, tumor, metastases, lymphoma, lymph nodes, tuberculosis, empyema, infection, early visualization of pulmonary nodules, screening of the lung, w/wo CM >Scan modes: RoutineSpiralAdultThorax >Decision Tree: Thorax FoV [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax		Thorax	RoutineSpiralAdultThorax	Thorax FoV [factory]	32 x 0.70	On	80	Non-Contrast	130	51		(32 cm) 5.47	180	Standard		0.80	0.80		6.0													
			Thorax 5.00 Br40 I3 cor																				5.00	5.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Thorax 5.00 Br40 I3 ax																																
			Thorax 5.00 Bl60 I3 sag																				5.00	5.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Thorax 5.00 Bl60 I3 cor																																
			Thorax 5.00 Bl60 I3 ax																																
			Thorax 10.00 Bl60 I3 cor																				10.00	10.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	None	MIP Thin	Bl60	On	3				
			Thorax 1.00 Bl60 I3																				1.00	0.70	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	Lung CAD	None		Bl60	On	3				

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Thorax Dynamic [factory] (Adult)	>Indications: abnormalities, upper airway obstruction, trachea bronchomalacia, pulmonary air trapping, abnormal diaphragmatic motion, tumor invasion, routine scan in inspiration w CM, dynamic scan during full breathing wo CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultThorax, DynamicSequenceAdultBody >Decision Tree: Thorax FoV [factory] >Contrast Protocol: Thorax [factory]																																		
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	130	17		(32 cm) 1.67	1.67	Standard	0.0		0.80	Full 0.80	3.0														
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	130	17		(32 cm) 50.2	50.2	Standard	0.0		0.80	Full 0.80	10.0	Thorax [factory]													
			Monitoring 10.00 Br36																				10.00				None		Br36						
		Thorax		Thorax	RoutineSpiralAdultThorax	Thorax FoV [factory]	32 x 0.70	On	80	Auto (Soft Tissue with Contrast)	130	56		(32 cm) 6.01	198	Standard		0.80	0.80			Thorax [factory]													
			Thorax 5.00 Br40 I3 cor Thorax 5.00 Br40 I3 ax																				5.00	5.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Thorax 5.00 Bl60 I3 sag Thorax 5.00 Bl60 I3 cor																				5.00	5.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Thorax 5.00 Bl60 I3 ax																																
			Thorax 10.00 Bl60 I3 cor																				10.00	10.00	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	None	None	MIP Thin	Bl60	On	3				
			Thorax 1.00 Bl60 I3																				1.00	0.70	Thorax FoV [factory].standard acquisition; Thorax FoV [factory].fast acquisition	Lung CAD	None		Bl60	On	3				
		Dynamic in free breathing		Abdomen	DynamicSequenceAdultBody		32 x 0.70	Off			130	13		(32 cm) 9.77	21.9	Standard	0.0		0.80	Full 0.80	3.0														
			Dynamic in free breathing 5.00 Bl60 I3 3.60s - 10.80s																				5.00	5.00					Bl60	On	3				
		Dynamic in free breathing		Abdomen	DynamicSequenceAdultBody		32 x 0.70	Off			130	13		(32 cm) 9.77	21.9	Standard	0.0		0.80	Full 0.80	3.0														
			Dynamic in free breathing 5.00 Bl60 I3 3.60s - 10.80s																				5.00	5.00					Bl60	On	3				
		Dynamic in free breathing		Abdomen	DynamicSequenceAdultBody		32 x 0.70	Off			130	13		(32 cm) 9.77	21.9	Standard	0.0		0.80	Full 0.80	3.0														
			Dynamic in free breathing 5.00 Bl60 I3 3.60s - 10.80s																				5.00	5.00					Bl60	On	3				
		Dynamic in free breathing		Abdomen	DynamicSequenceAdultBody		32 x 0.70	Off			130	13		(32 cm) 9.77	21.9	Standard	0.0		0.80	Full 0.80	3.0														
			Dynamic in free breathing 5.00 Bl60 I3 3.60s - 10.80s																				5.00	5.00					Bl60	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Thorax and Abdomen [factory] (Adult)	>Indications: masses, tumor, lymphoma, lymph nodes of the lung, liver, pancreas, gall bladder, spleen, kidneys, w CM >Scan modes: RoutineSpiralAdultAbdomenFlexdose >Decision Tree: Thorax and Abdomen contrast medium necessary [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax and Abdomen		Abdomen	RoutineSpiralAdultAbdomenFlexdose	Thorax and Abdomen contrast medium necessary [factory]	32 x 0.70	On	145	Non-Contrast	130	74		(32 cm) 7.97	501	Standard		0.80	0.80		6.0													
			Thorax and Abdomen 5.00 Br40 I3 cor																				5.00	5.00	Thorax and Abdomen contrast medium necessary [factory].wo CM; Thorax and Abdomen contrast medium necessary [factory].w CM	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Thorax and Abdomen 5.00 Br40 I3 ax																																
			Thorax and Abdomen 5.00 Bl60 I3 sag Lung																				5.00	5.00	Thorax and Abdomen contrast medium necessary [factory].wo CM; Thorax and Abdomen contrast medium necessary [factory].w CM	None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Thorax and Abdomen 5.00 Bl60 I3 cor Lung																																
			Thorax and Abdomen 5.00 Bl60 I3 ax Lung																																
			Thorax and Abdomen 1.00 Bl60 I3																				1.00	0.70	Thorax and Abdomen contrast medium necessary [factory].wo CM; Thorax and Abdomen contrast medium necessary [factory].w CM	Lung CAD	None		Bl60	On	3				
Thorax and Abdomen Multi Phase [factory] (Adult)	>Indications: masses, tumor, lymphoma, lymph nodes of the lung, liver, pancreas, gall bladder, spleen, kidneys, w CM, 2 phases preconfigured >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultThorax, RoutineSpiralAdultAbdomen >Contrast Protocol: Thorax [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	Thorax [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		Arterial Phase Thorax		Thorax	RoutineSpiralAdultThorax		32 x 0.70	On	80	Auto (Soft Tissue with Contrast)	130	56		(32 cm) 6.01	204	Standard		1.20	0.80			Thorax [factory]												
			Arterial Phase Thorax 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Arterial Phase Thorax 5.00 Br40 I3 ax																																
			Arterial Phase Thorax 5.00 Bl60 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Arterial Phase Thorax 5.00 Bl60 I3 cor																																
			Arterial Phase Thorax 5.00 Bl60 I3 ax																																
			Arterial Phase Thorax 1.00 Bl60 I3																				1.00	0.70		Lung CAD	None		Bl60	On	3				
		Venous Phase Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Soft Tissue with Contrast)	130	100		(32 cm) 10.7	246	Standard		0.80	0.80		83.0	Thorax [factory]												
			Venous Phase Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Venous Phase Abdomen 5.00 Br40 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Lung Screening [factory] (Adult)	>Indications: masses, tumor, metastases, lymphoma, lymph nodes, tuberculosis, empyema, infection, early visualization of pulmonary nodules, screening of the lung, w/wo CM >Scan modes: RoutineSpiralAdultThoraxSn >Decision Tree: Lung screening [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Lung		Thorax	RoutineSpiralAdultThoraxSn	Lung screening [factory]	32 x 0.70	On	15	Non-Contrast	Sn 110	62		(32 cm) 0.88	29.1	Standard		0.80	0.80		6.0												
			Lung 5.00 Br40 I3 cor																				5.00	5.00	Lung screening [factory].low dose wo X-CARE; Lung screening [factory].low dose w X-CARE; Lung screening [factory].high resolution	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Lung 5.00 Br40 I3 ax																																
			Lung 5.00 Bl60 I3 sag																				5.00	5.00	Lung screening [factory].low dose wo X-CARE; Lung screening [factory].low dose w X-CARE	None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Lung 5.00 Bl60 I3 cor																																
			Lung 5.00 Bl60 I3 ax																																
			Lung 2.00 Bl64 I3 sag																				2.00	2.00	Lung screening [factory].high resolution wo X-CARE; Lung screening [factory].high resolution w X-CARE	None	Orientation Multi Recons (3)	MIP Thin	Bl64	On	3				
			Lung 2.00 Bl64 I3 cor																																
			Lung 2.00 Bl64 I3 ax																																
			Lung 10.00 Bl60 I3 cor																				10.00	10.00	Lung screening [factory].low dose wo X-CARE; Lung screening [factory].low dose w X-CARE; Lung screening [factory].high resolution wo X-CARE; Lung screening [factory].high resolution w X-CARE	None	None	MIP Thin	Bl60	On	3				
			Lung 1.00 Bl60 I3																				1.00	0.70	Lung screening [factory].low dose wo X-CARE; Lung screening [factory].low dose w X-CARE; Lung screening [factory].high resolution wo X-CARE; Lung screening [factory].high resolution w X-CARE	Lung CAD	None		Bl60	On	3				
Lung Low Dose [factory] (Adult)	>Indications: early visualization of pulmonary nodules, screening of the lung, wo CM >Scan modes: RoutineSpiralAdultThoraxSn >Decision Tree: Lung Low Dose breathhold and X>CARE [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Lung		Thorax	RoutineSpiralAdultThoraxSn		32 x 0.70	On	15	Auto (Non-Contrast)	Sn 110	62		(32 cm) 0.88	30.0	Standard		1.20	0.80		6.0												
			Lung 5.00 Br40 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Lung 5.00 Br40 I3 cor																																
			Lung 5.00 Br40 I3 ax																																
			Lung 5.00 Bl60 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Lung 5.00 Bl60 I3 cor																																
			Lung 5.00 Bl60 I3 ax																																
			Lung 10.00 Bl60 I3 cor																				10.00	10.00		None	None	MIP Thin	Bl60	On	3				
			Lung 1.00 Bl60 I3																				1.00	0.70		Lung CAD	None		Bl60	On	3				
Abdomen [factory] (Adult)	>Indications: masses, tumor, lymphoma, lymph nodes of the liver, pancreas, gall bladder, spleen, kidneys, intestine, w/wo CM >Scan modes: RoutineSpiralAdultAbdomen >Decision Tree: Abdomen contrast medium necessary [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Abdomen		Abdomen	RoutineSpiralAdultAbdomen	Abdomen contrast medium necessary [factory]	32 x 0.70	On	145	Non-Contrast	130	92		(32 cm) 9.87	325	Standard		0.80	0.80		6.0												
			Abdomen 5.00 Br40 I3 cor																				5.00	5.00	Abdomen contrast medium necessary [factory].wo CM; Abdomen contrast medium necessary [factory].w CM	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Abdomen 5.00 Br40 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Abdomen Multi Phase [factory] (Adult)	>Indications: masses, tumor, lymphoma, lymph nodes of the liver, pancreas, gall bladder, spleen, kidneys, intestine, w and wo CM, 3 phases preconfigured >Scan modes: RoutineSpiralAdultAbdomen, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAbdomen >Contrast Protocol: Abdomen [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Non Contrast Liver		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	130	92		(32 cm) 9.87	226	Standard		0.80	0.80		6.0												
			Non Contrast Liver 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Non Contrast Liver 5.00 Br40 I3 ax																																
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	Abdomen [factory]											
			Monitoring 10.00 Br36																				10.00				None		Br36						
		Arterial Phase Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Soft Tissue with Contrast)	130	100		(32 cm) 10.7	353	Standard		0.80	0.80			Abdomen [factory]											
			Arterial Phase Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Arterial Phase Abdomen 5.00 Br40 I3 ax																																
		Venous Phase Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Soft Tissue with Contrast)	130	100		(32 cm) 10.7	246	Standard		0.80	0.80		84.6	Abdomen [factory]											
			Venous Phase Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Venous Phase Abdomen 5.00 Br40 I3 ax																																
Kidney DE Stones [factory] (Adult)	>Indications: query and analyze kidney stones, wo CM >Scan modes: RoutineSpiralAdultAbdomenTwinspiral (max. 100 cm) >Decision Tree: Kidney TwinSpiral DE possible [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Kidney Stones		Abdomen	RoutineSpiralAdultAbdomenTwinspiral (max. 100 cm)	Kidney TwinSpiral DE possible [factory]	32 x 0.70	On	145	Auto (Non-Contrast)				(32 cm) 9.22	303	Standard		0.80	0.80		11.0														
			Kidney Stones 5.00 Br40 I3 cor																				5.00	5.00	Kidney TwinSpiral DE possible [factory].TwinSpiral DE; Kidney TwinSpiral DE possible [factory].Single Energy	None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Kidney Stones 5.00 Br40 I3 ax																																
			Kidney Stones 1.50 Qr40 I3 sag																				1.50	1.00	Kidney TwinSpiral DE possible [factory].TwinSpiral DE	DE Parallel Ranges	Orientation Multi Recons (3)	MPR	Qr40	On	3				
			Kidney Stones 1.50 Qr40 I3 cor																																
			Kidney Stones 1.50 Qr40 I3 ax																																
			Kidney Stones 5.00 Qr40 I3 cor																				5.00	5.00	Kidney TwinSpiral DE possible [factory].TwinSpiral DE	None	None	MPR	Qr40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Colon Low Dose [factory] (Adult)	>Indications: early visualization of diverticles, polyps, nodules, screening of the colon, wo CM >Scan modes: RoutineSpiralAdultAbdomenSn	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20							
		Supine Colon		Abdomen	RoutineSpiralAdultAbdomenSn		32 x 0.70	On	39	Non-Contrast	Sn 110	152		(32 cm) 2.17	93.0	Standard		0.80	0.80		6.0														
			Supine Colon 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3					
			Supine Colon 5.00 Br40 I3 ax																																	
			Supine Colon 1.50 Br40 I3																				1.50	1.00		None	None		Br40	On	3					
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20							
		Prone Colon		Abdomen	RoutineSpiralAdultAbdomenSn		32 x 0.70	On	20	Non-Contrast	Sn 110	81		(32 cm) 1.16	49.5	Standard		0.80	0.80		6.0														
			Prone Colon 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3					
			Prone Colon 5.00 Br40 I3 ax																																	
			Prone Colon 1.50 Br40 I3																				1.50	1.00		None	None		Br40	On	3					
Whole Body [factory] (Adult)	>Indications: degenerative changes, trauma, osteolysis, masses, tumor, lymphoma, lymph nodes of the torso region, w/wo CM >Scan modes: RoutineSpiralAdultAbdomen >Decision Tree: Whole Body soft tissue or bone [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20							
		Whole Body		Abdomen	RoutineSpiralAdultAbdomen	Whole Body soft tissue or bone [factory]	32 x 0.70	On	145	Non-Contrast	130	92		(32 cm) 9.87	621	Standard		0.80	0.80		6.0														
			Whole Body 5.00 Br40 I3 cor																				5.00	5.00	Whole Body soft tissue or bone [factory].standard dose	None	Orientation Multi Recons (2)	MPR	Br40	On	3					
			Whole Body 5.00 Br40 I3 ax																																	
			Whole Body 5.00 Bl60 I3 sag Lung																				5.00	5.00	Whole Body soft tissue or bone [factory].standard dose	None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3					
			Whole Body 5.00 Bl60 I3 cor Lung																																	
			Whole Body 5.00 Bl60 I3 ax Lung																																	
			Whole Body 1.00 Bl60 I3																				1.00	0.70	Whole Body soft tissue or bone [factory].standard dose	Lung CAD	None		Bl60	On	3					
			Whole Body 5.00 Br60 I3 sag																				5.00	5.00	Whole Body soft tissue or bone [factory].low dose	None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Whole Body 5.00 Br60 I3 cor																																	
			Whole Body 5.00 Br60 I3 ax																																	
			Whole Body 5.00 Br40 I3 ax																				5.00	5.00	Whole Body soft tissue or bone [factory].low dose	None	None	MPR	Br40	On	3					

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Pelvis [factory] (Adult)	>Indications: masses, tumor, lymphom of the urinary bladder, rectum, uterus, prostate, degenerative changes, trauma, osteolysis of the pelvis, w/wo CM >Scan modes: RoutineSpiralAdultPelvis >Decision Tree: Metal implant [factory]; Pelvis soft tissue or bone [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20							
		Pelvis		Pelvis	RoutineSpiralAdultPelvis	Metal implant [factory]; Pelvis soft tissue or bone [factory]	32 x 0.70	On	170	Non-Contrast	130	107		(32 cm) 11.5	263	Standard		0.80	1.00		3.0													
			Pelvis 5.00 Br40 I3 sag																			5.00	5.00	Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].standard dose	None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Pelvis 5.00 Br40 I3 cor																																
			Pelvis 5.00 Br40 I3 ax																																
			Pelvis 5.00 Br60 I3 ax																			5.00	5.00	Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].standard dose	None	None	MPR	Br60	On	3				
			Pelvis 5.00 Br60 I3 sag																			5.00	5.00	Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].low dose	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Pelvis 5.00 Br60 I3 cor																																
			Pelvis 5.00 Br60 I3 ax																																
			Pelvis 5.00 Br40 I3 ax																			5.00	5.00	Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].low dose	None	None	MPR	Br40	On	3				
			Pelvis Br60 I3 cor Radial																					Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].low dose	Radial Ranges	None	VRT	Br60	On	3				
			Pelvis 5.00 Br40 I3 sag																			5.00	5.00	Metal implant [factory].w iMAR; Pelvis soft tissue or bone [factory].standard dose; Pelvis soft tissue or bone [factory].low dose	None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Pelvis 5.00 Br40 I3 cor																																
			Pelvis 5.00 Br40 I3 ax																																
Hip [factory] (Adult)	>Indications: evaluation of joint cavity, trauma, dysplasia, necrosis of the head of the hip joints, congruence evaluations, orthopedic indications, wo CM >Scan modes: RoutineSpiralAdultPelvis >Decision Tree: Side [factory]; Metal implant [factory]																																		
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20							
		Hip		Pelvis	RoutineSpiralAdultPelvis	Side [factory]; Metal implant [factory]	32 x 0.70	On	170	Bone/Calcium	130	109		(32 cm) 11.7	151	Standard		0.80	1.00		3.0													
			Hip 3.00 Br60 I3 ax																			3.00	3.00	Side [factory].recon both; Side [factory].recon right; Side [factory].recon left; Metal implant [factory].wo iMAR; Metal implant	None	Impression Multi Recons (2)	MPR	Br60	On	3				
			Hip 3.00 Br40 I3 ax																											Br40	On	3				
			Hip 3.00 Br60 I3 cor R																			3.00	3.00	Side [factory].recon both; Side [factory].recon right; Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR	Parallel Ranges	None	MPR	Br60	On	3				
			Hip Br40 I3 cor Radial R																					Side [factory].recon both; Side [factory].recon right; Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR	Radial Ranges	None	VRT	Br40	On	3				
			Hip 3.00 Br60 I3 cor L																			3.00	3.00	Side [factory].recon both; Side [factory].recon left; Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR	Parallel Ranges	None	MPR	Br60	On	3				
			Hip Br40 I3 cor Radial L																					Side [factory].recon both; Side [factory].recon left; Metal implant [factory].wo iMAR; Metal implant [factory].w iMAR	Radial Ranges	None	VRT	Br40	On	3				
			Hip 3.00 Br40 I3 ax																			3.00	2.00	Side [factory].recon both; Side [factory].recon right; Side [factory].recon left; Metal implant [factory].w iMAR	None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
C-Spine [factory] (Adult)	>Indications: prolapse/hernia, tumors, degenerative changes, bone tumor, trauma, osteolysis of the cervical spine, wo CM >Scan modes: RoutineSpiralAdultNeck >Decision Tree: C>Spine disc or bone [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.12	3.01	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		C-Spine		Neck	RoutineSpiralAdultNeck	C-Spine disc or bone [factory]	32 x 0.70	On	195	Non-Contrast	130	129		(32 cm) 13.8	261	Standard		0.80	1.00		3.0													
			C-Spine 2.00 Br40 I3 ax																				2.00	2.00	C-Spine disc or bone [factory].standard dose	None	Impression Multi Recons (2)	MPR	Br40	On	3				
			C-Spine 2.00 Br60 I3 ax																										Br60	On	3				
			C-Spine 2.00 Br40 I3 ax Spine																				2.00	2.00	C-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			C-Spine 2.00 Br40 I3 sag Spine																				2.00	2.00	C-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			C-Spine 2.00 Br60 I3 ax																				2.00	2.00	C-Spine disc or bone [factory].low dose	None	Impression Multi Recons (2)	MPR	Br60	On	3				
			C-Spine 2.00 Br40 I3 ax																										Br40	On	3				
			C-Spine 2.00 Br60 I3 ax Spine																				2.00	2.00	C-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			C-Spine 2.00 Br60 I3 sag Spine																				2.00	2.00	C-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			C-Spine Br40 I3 sag Radial																						C-Spine disc or bone [factory].low dose	Radial Ranges	None	VRT	Br40	On	3				
T-Spine [factory] (Adult)	>Indications: prolapse/hernia, degenerative changes, osteolysis, trauma, tumors of the thoracal spine, wo CM >Scan modes: RoutineSpiralAdultSpine >Decision Tree: T> and L>Spine disc or bone [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.10	4.90	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		T-Spine		Spine	RoutineSpiralAdultSpine	T- and L-Spine disc or bone [factory]	32 x 0.70	On	285	Non-Contrast	130	182		(32 cm) 19.5	369	Standard		0.80	1.00		3.0													
			T-Spine 3.00 Br40 I3 ax																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	None	Impression Multi Recons (2)	MPR	Br40	On	3				
			T-Spine 3.00 Br60 I3 ax																										Br60	On	3				
			T-Spine 3.00 Br40 I3 ax Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			T-Spine 3.00 Br40 I3 sag Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			T-Spine 3.00 Br60 I3 ax																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	None	Impression Multi Recons (2)	MPR	Br60	On	3				
			T-Spine 3.00 Br40 I3 ax																										Br40	On	3				
			T-Spine 3.00 Br60 I3 ax Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			T-Spine 3.00 Br60 I3 sag Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			T-Spine Br40 I3 sag Radial																						T- and L-Spine disc or bone [factory].low dose	Radial Ranges	None	VRT	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
L-Spine [factory] (Adult)	>Indications: prolapse/hernia, tumor, degenerative changes, trauma, osteolysis of the lumbar spine, wo CM >Scan modes: RoutineSpiralAdultSpine >Decision Tree: T> and L>Spine disc or bone [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.10	4.90	Standard					3.0															
			Topogram 0.70 Tr20 sag																									Tr20						
		L-Spine		Spine	RoutineSpiralAdultSpine	T- and L-Spine disc or bone [factory]	32 x 0.70	On	285	Non-Contrast	130	182		(32 cm) 19.5	369	Standard		0.80	1.00		3.0														
			L-Spine 3.00 Br40 I3 ax																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	None	Impression Multi Recons (2)	MPR	Br40	On	3				
			L-Spine 3.00 Br60 I3 ax																										Br60	On	3				
			L-Spine 3.00 Br40 I3 ax Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			L-Spine 3.00 Br40 I3 sag Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].standard dose	Spine Ranges	None	MPR	Br40	On	3				
			L-Spine 3.00 Br60 I3 ax																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	None	Impression Multi Recons (2)	MPR	Br60	On	3				
			L-Spine 3.00 Br40 I3 ax																										Br40	On	3				
			L-Spine 3.00 Br60 I3 ax Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			L-Spine 3.00 Br60 I3 sag Spine																				3.00	3.00	T- and L-Spine disc or bone [factory].low dose	Spine Ranges	None	MPR	Br60	On	3				
			L-Spine Br40 I3 sag Radial																						T- and L-Spine disc or bone [factory].low dose	Radial Ranges	None	VRT	Br40	On	3				
Osteo [factory] (Adult)	>Indications: quantitative assessment of vertebral bone mineral density (BMD) in the diagnosis and follow>up of osteopenia and osteoporosis, wo CM >Scan modes: RoutineSequenceAdultOsteo2d	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.10	4.90	Standard					3.0															
			Topogram 0.70 Tr20 sag																									Tr20						
		Osteo		Osteo	RoutineSequenceAdultOsteo2d		1 x 10.00	Off			80	219		(32 cm) 5.37	5.37	Standard	0.0		1.00	Full 1.00	3.0														
			Osteo 10.00 Or40 Evauation																				10.00				None		Or40						
		Osteo		Osteo	RoutineSequenceAdultOsteo2d		1 x 10.00	Off			80	219		(32 cm) 5.37	5.37	Standard	0.0		1.00	Full 1.00	15.0														
			Osteo 10.00 Or40 Evaluation																				10.00				None		Or40						
		Osteo		Osteo	RoutineSequenceAdultOsteo2d		1 x 10.00	Off			80	219		(32 cm) 5.37	5.37	Standard	0.0		1.00	Full 1.00	33.0														
			Osteo 10.00 Or40 Evaluation																				10.00				None		Or40						
Hand [factory] (Adult)	>Indications: trauma, disorders of the hand bones, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20						
		Hand		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	112	Standard		0.40	1.00		3.0														
			Hand 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor R																																
			Hand 3.00 Br60 I3 ax R																																
			Hand 3.00 Br40 I3 ax R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Hand 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor L																																
			Hand 3.00 Br60 I3 ax L																																
			Hand 3.00 Br40 I3 ax L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Hand DE Gout [factory] (Adult)	>Indications: visualization, characterization, quantification of monosodium urate crystal deposits, gout, gouty arthritis of the hand bones, wo CM >Scan modes: RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm) >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Hand		Extremities	RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm)	Side [factory]	32 x 0.70	On	75	Non-Contrast				(32 cm) 4.91	112	Standard		0.80	0.80		3.0												
			Hand 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor R																																
			Hand 3.00 Br60 I3 ax R																																
			Hand 3.00 Br40 I3 ax R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Hand 0.80 Qr40 I3 cor R																				0.80	0.50	Side [factory].recon both; Side [factory].recon right	DE Parallel Ranges	None	MPR	Qr40	On	3				
			Hand 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor L																																
			Hand 3.00 Br60 I3 ax L																																
			Hand 3.00 Br40 I3 ax L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
			Hand 0.80 Qr40 I3 cor L																				0.80	0.50	Side [factory].recon both; Side [factory].recon left	DE Parallel Ranges	None	MPR	Qr40	On	3				
Arm or Wrist [factory] (Adult)	>Indications: trauma, disorders of the humerus, radius, ulna bones, wrist joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Arm or Wrist		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	39.3	Standard		0.40	1.00		3.0												
			Arm or Wrist 2.00 Br60 I3 sag R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Arm or Wrist 2.00 Br60 I3 cor R																																
			Arm or Wrist 2.00 Br60 I3 ax R																																
			Arm or Wrist 2.00 Br40 I3 ax R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Arm or Wrist 2.00 Br60 I3 sag L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Arm or Wrist 2.00 Br60 I3 cor L																																
			Arm or Wrist 2.00 Br60 I3 ax L																																
			Arm or Wrist 2.00 Br40 I3 ax L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Elbow [factory] (Adult)	>Indications: trauma, disorders of the elbow joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Elbow		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	60.2	Standard		0.40	1.00		3.0														
			Elbow 2.00 Br60 I3 sag R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Elbow 2.00 Br60 I3 cor R																																
			Elbow 2.00 Br60 I3 ax R																																
			Elbow 2.00 Br40 I3 ax R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Elbow 2.00 Br60 I3 sag L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Elbow 2.00 Br60 I3 cor L																																
			Elbow 2.00 Br60 I3 ax L																																
			Elbow 2.00 Br40 I3 ax L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
Elbow DE Gout [factory] (Adult)	>Indications: visualization, characterization, quantification of monosodium urate crystal deposits, gout, gouty arthritis of the elbow joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm) >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Elbow		Extremities	RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm)	Side [factory]	32 x 0.70	On	75	Non-Contrast				(32 cm) 4.91	63.2	Standard		0.80	0.80		3.0														
			Elbow 2.00 Br60 I3 sag R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Elbow 2.00 Br60 I3 cor R																																
			Elbow 2.00 Br60 I3 ax R																																
			Elbow 2.00 Br40 I3 ax R																				2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Elbow 0.80 Qr40 I3 cor R																				0.80	0.50	Side [factory].recon both; Side [factory].recon right	DE Parallel Ranges	None	MPR	Qr40	On	3				
			Elbow 2.00 Br60 I3 sag L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Elbow 2.00 Br60 I3 cor L																																
			Elbow 2.00 Br60 I3 ax L																																
			Elbow 2.00 Br40 I3 ax L																				2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
			Elbow 0.80 Qr40 I3 cor L																				0.80	0.50	Side [factory].recon both; Side [factory].recon left	DE Parallel Ranges	None	MPR	Qr40	On	3				
Foot [factory] (Adult)	>Indications: trauma, disorders of the foot bones, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Foot		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	60.2	Standard		0.40	1.00		3.0														
			Foot 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Foot 3.00 Br60 I3 cor R																																
			Foot 3.00 Br60 I3 ax R																																
			Foot 3.00 Br40 I3 ax R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Foot 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Foot 3.00 Br60 I3 cor L																																
			Foot 3.00 Br60 I3 ax L																																
			Foot 3.00 Br40 I3 ax L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Foot DE Gout [factory] (Adult)	>Indications: visualization, characterization, quantification of monosodium urate crystal deposits, gout, gouty arthritis of the foot bones, wo CM >Scan modes: RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm) >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0													
			Topogram 0.70 Tr20 cor																									Tr20						
		Foot		Extremities	RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm)	Side [factory]	32 x 0.70	On	75	Non-Contrast				(32 cm) 4.91	63.2	Standard		0.80	0.80		3.0											
			Foot 3.00 Br60 I3 sag R																			3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Foot 3.00 Br60 I3 cor R																																
			Foot 3.00 Br60 I3 ax R																																
			Foot 3.00 Br40 I3 ax R																			3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Foot 0.80 Qr40 I3 sag R																			0.80	0.50	Side [factory].recon both; Side [factory].recon right	DE Parallel Ranges	None	MPR	Qr40	On	3				
			Foot 3.00 Br60 I3 sag L																			3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Foot 3.00 Br60 I3 cor L																																
			Foot 3.00 Br60 I3 ax L																																
			Foot 3.00 Br40 I3 ax L																			3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
			Foot 0.80 Qr40 I3 sag L																			0.80	0.50	Side [factory].recon both; Side [factory].recon left	DE Parallel Ranges	None	MPR	Qr40	On	3				
Leg or Ankle [factory] (Adult)	>Indications: trauma, disorders of the femur, fibula, tibia bones, ankle joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.12	3.01	Standard					3.0													
			Topogram 0.70 Tr20 sag																									Tr20						
		Leg or Ankle		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	60.2	Standard		0.40	1.00		3.0											
			Leg or Ankle 2.00 Br60 I3 sag R																			2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Leg or Ankle 2.00 Br60 I3 cor R																																
			Leg or Ankle 2.00 Br60 I3 ax R																																
			Leg or Ankle 2.00 Br40 I3 ax R																			2.00	2.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Leg or Ankle 2.00 Br60 I3 sag L																			2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Leg or Ankle 2.00 Br60 I3 cor L																																
			Leg or Ankle 2.00 Br60 I3 ax L																																
			Leg or Ankle 2.00 Br40 I3 ax L																			2.00	2.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Knee [factory] (Adult)	>Indications: trauma, disorders of the knee joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesSn >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Knee		Extremities	RoutineSpiralAdultExtremitiesSn	Side [factory]	32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	366		(32 cm) 5.22	75.9	Standard		0.40	1.00		3.0														
			Knee 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor R																																
			Knee 3.00 Br60 I3 ax R																																
			Knee 3.00 Br40 I3 ax R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Knee 3.00 Br60 I3 cor R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	Parallel Ranges	None	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor L																																
			Knee 3.00 Br60 I3 ax L																																
			Knee 3.00 Br40 I3 ax L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
			Knee 3.00 Br60 I3 cor L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	Parallel Ranges	None	MPR	Br60	On	3				
Knee DE Gout [factory] (Adult)	>Indications: visualization, characterization, quantification of monosodium urate crystal deposits, gout, gouty arthritis of the knee joint, wo CM >Scan modes: RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm) >Decision Tree: Side [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Knee		Extremities	RoutineSpiralAdultExtremitiesTwinspiral (max. 100 cm)	Side [factory]	32 x 0.70	On	75	Non-Contrast				(32 cm) 4.91	87.8	Standard		0.80	0.80		3.0														
			Knee 3.00 Br60 I3 sag R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor R																																
			Knee 3.00 Br60 I3 ax R																																
			Knee 3.00 Br40 I3 ax R																				3.00	3.00	Side [factory].recon both; Side [factory].recon right	None	None	MPR	Br40	On	3				
			Knee 1.50 Qr40 I3 cor R																				1.50	1.00	Side [factory].recon both; Side [factory].recon right	DE Parallel Ranges	Orientation Multi Recons (2)	MPR	Qr40	On	3				
			Knee 1.50 Qr40 I3 sag R																																
			Knee 3.00 Br60 I3 sag L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor L																																
			Knee 3.00 Br60 I3 ax L																																
			Knee 3.00 Br40 I3 ax L																				3.00	3.00	Side [factory].recon both; Side [factory].recon left	None	None	MPR	Br40	On	3				
			Knee 1.50 Qr40 I3 cor L																				1.50	1.00	Side [factory].recon both; Side [factory].recon left	DE Parallel Ranges	Orientation Multi Recons (2)	MPR	Qr40	On	3				
			Knee 1.50 Qr40 I3 sag L																																
Brain CTA [factory] (Adult)	>Indications: stenosis, aneurysm, occlusion, plaques, abnormalities of the vertebral arteries, COW, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioHead >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.12	3.01	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0														
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]													
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain		Head/Vascular Head	RoutineSpiralAdultAngioHead		32 x 0.70	On	105	Auto (Vascular)	80	94		(16 cm) 5.76	92.0	Standard		1.50	0.80			CTA [factory]													
			CTA Brain 3.00 Hv36 I3 cor																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Hv36	On	3				
			CTA Brain 3.00 Hv36 I3 sag																																
			CTA Brain 3.00 Hv36 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Brain DSA [factory] (Adult)	>Indications: stenosis, aneurysm, occlusion, plaques, abnormalities of the vertebral arteries, COW, w and wo CM >Scan modes: RoutineSpiralAdultHead, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioHead >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.25	6.23	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		Non Contrast Brain		Brain	RoutineSpiralAdultHead		32 x 0.70	On	36	Auto (Non-Contrast)	80	72		(16 cm) 4.41	62.0	Standard		0.55	1.00		3.0													
			Non Contrast Brain 1.50 Hv36 I3																				1.50	1.00		None	None		Hv36	On	3				
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]													
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain		Head/Vascular Head	RoutineSpiralAdultAngioHead		32 x 0.70	On	105	Auto (Vascular)	80	94		(16 cm) 5.76	91.9	Standard		1.50	0.80			CTA [factory]													
			CTA Brain 1.50 Hv36 I3																				1.50	1.00		None	None		Hv36	On	3				
Brain and Neck CTA [factory] (Adult)	>Indications: stenosis, aneurysm, occlusion, plaques, abnormalities of the carotid and vertebral arteries, COW, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: Brain and Neck CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					7.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	Brain and Neck CTA [factory]													
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain and Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	341	Standard		1.20	0.80			Brain and Neck CTA [factory]													
			CTA Brain and Neck 3.00 Bv36 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Brain and Neck 3.00 Bv36 I3 cor																																
			CTA Brain and Neck 3.00 Bv36 I3 ax																																
			CTA Brain and Neck 3.00 Bv36 I3 cor																				3.00	3.00		Parallel Ranges	None	MIP Thin	Bv36	On	3				
			CTA Brain and Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				
			CTA Brain and Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Brain and Neck DSA [factory] (Adult)	>Indications: stenosis, aneurysm, occlusion, plaques, abnormalities of the carotid and vertebral arteries, COW, w and wo CM >Scan modes: RoutineSpiralAdultAngioNeck, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: Brain and Neck CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					7.0													
			Topogram 0.70 Tr20 cor																									Tr20						
		Non Contrast Brain and Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	46	Auto (Non-Contrast)	110	42		(32 cm) 2.94	129	Standard		1.20	0.80		7.0												
			Non Contrast Brain and Neck 1.50 Bv36 I3																				1.50	1.00		None	None		Bv36	On	3				
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	Brain and Neck CTA [factory]											
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Brain and Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	341	Standard		1.20	0.80			Brain and Neck CTA [factory]												
			CTA Brain and Neck 1.50 Bv36 I3																				1.50	1.00		None	None		Bv36	On	3				
Neck CTA [factory] (Adult)	>Indications: stenosis, occlusion, plaques, abnormalities of the carotid arteries, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					7.0													
			Topogram 0.70 Tr20 cor																									Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]											
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	263	Standard		1.20	0.80			CTA [factory]												
			CTA Neck 3.00 Bv36 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Neck 3.00 Bv36 I3 cor																																
			CTA Neck 3.00 Bv36 I3 ax																																
			CTA Neck 3.00 Bv36 I3 cor																				3.00	3.00		Parallel Ranges	None	MIP Thin	Bv36	On	3				
			CTA Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				
			CTA Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Neck DSA [factory] (Adult)	>Indications: stenosis, occlusion, plaques, abnormalities of the carotid arteries, w and wo CM >Scan modes: RoutineSpiralAdultAngioNeck, PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioNeck >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					7.0														
			Topogram 0.70 Tr20 cor																									Tr20							
		Non Contrast Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	46	Auto (Non-Contrast)	110	42		(32 cm) 2.94	99.6	Standard		1.20	0.80		7.0												
			Non Contrast Neck 1.50 Bv36 I3																				1.50	1.00		None	None		Bv36	On	3				
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Neck		Neck	RoutineSpiralAdultAngioNeck		32 x 0.70	On	145	Auto (Vascular)	110	111		(32 cm) 7.78	263	Standard		1.20	0.80			CTA [factory]												
			CTA Neck 1.50 Bv36 I3																				1.50	1.00		None	None		Bv36	On	3				
Thorax CTA [factory] (Adult)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the thoracic aorta, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioBody >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																									Tr20							
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Thorax		Vascular Body	RoutineSpiralAdultAngioBody		32 x 0.70	On	70	Auto (Vascular)	110	56		(32 cm) 3.92	133	Standard		1.50	0.80			CTA [factory]												
			CTA Thorax 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Thorax 5.00 Bv36 I3 cor																																
			CTA Thorax 5.00 Bv36 I3 ax																																
			CTA Thorax 5.00 Bl60 I3 ax																				5.00	5.00		None	Impression Multi Recons (2)	MIP Thin	Bl60	On	3				
			CTA Thorax 5.00 Br40 I3 ax																										Br40	On	3				
			CTA Thorax 3.00 Bv36 I3 Radial Vascular																				3.00			Radial Vascular Ranges	None	MIP Thin	Bv36	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Pulmonary CTA [factory] (Adult)	>Indications: pulmonary embolism, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioBody >Contrast Protocol: Pulmonary CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					4.0													
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	Pulmonary CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Pulmonary		Vascular Body	RoutineSpiralAdultAngioBody		32 x 0.70	On	70	Auto (Vascular)	110	56		(32 cm) 3.92	133	Standard		1.50	0.80			Pulmonary CTA [factory]												
			CTA Pulmonary 3.00 Bv36 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Pulmonary 3.00 Bv36 I3 cor																																
			CTA Pulmonary 3.00 Bv36 I3 ax																																
			CTA Pulmonary 3.00 Bl60 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MIP Thin	Bl60	On	3				
			CTA Pulmonary 3.00 Br40 I3 ax																										Br40	On	3				
Coronary Calcium Scoring [factory] (Adult)	>Indications: identification, quantification of calcified lesions in the coronary arteries, wo CM >Possible application: CT CaScoring >Scan modes: CardiacSpiralAdult	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					10.0													
			Topogram 0.70 Tr20 cor																										Tr20						
		Calcium Scoring		Cardio	CardiacSpiralAdult		32 x 0.70	On	19	Auto (Bone/Calcium)	130	12		(32 cm) 8.19	147	Standard		0.31	0.80		10.0												
			Calcium Scoring 3.00 Sa36 BestDiast ax																				3.00	1.50		None	None	MPR	Sa36	Off	3	BestPhase (diastolic)		75	%
Abdomen CTA [factory] (Adult)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the abdominal aorta, renal arteries, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioBody >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0													
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Abdomen		Vascular Body	RoutineSpiralAdultAngioBody		32 x 0.70	On	115	Auto (Vascular)	110	92		(32 cm) 6.44	283	Standard		1.50	0.80			CTA [factory]												
			CTA Abdomen 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Abdomen 5.00 Bv36 I3 cor																																
			CTA Abdomen 5.00 Bv36 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Whole Body CTA [factory] (Adult)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the whole aorta, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioBody >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Whole Body		Vascular Body	RoutineSpiralAdultAngioBody		32 x 0.70	On	115	Auto (Vascular)	110	92		(32 cm) 6.44	412	Standard		1.50	0.80			CTA [factory]												
			CTA Whole Body 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Whole Body 5.00 Bv36 I3 cor																																
			CTA Whole Body 5.00 Bv36 I3 ax																																
			CTA Whole Body 3.00 Bv36 I3 Radial Vascular																				3.00			Radial Vascular Ranges	None	MIP Thin	Bv36	On	3				
Extremity CTA [factory] (Adult)	>Indications: vascular anomalies, aneurysms of the femoral arteries, w CM >Scan modes: PremonitoringSequenceAdult2d, MonitoringSequenceAdult2d, RoutineSpiralAdultAngioExtremities >Contrast Protocol: CTA [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Premonitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 1.41	1.41	Standard	0.0		0.80	Full 0.80	3.0													
			Premonitoring 10.00 Br36																				10.00				None		Br36						
		Monitoring		Vascular Body			1 x 10.00	On	25	Soft Tissue with Contrast	110	22		(32 cm) 42.3	42.3	Standard	0.0		0.80	Full 0.80	10.0	CTA [factory]												
			Monitoring 10.00 Br36																				10.00				None		Br36						
		CTA Extremity		Runoff	RoutineSpiralAdultAngioExtremities		32 x 0.70	On	155	Auto (Vascular)	110	124		(32 cm) 8.69	726	Standard		1.00	0.80			CTA [factory]												
			CTA Extremity 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Extremity 5.00 Bv36 I3 cor																																
			CTA Extremity 5.00 Bv36 I3 ax																																
			CTA Extremity 3.00 Bv36 I3 Radial Vascular R																				3.00			Radial Vascular Ranges	None	MIP Thin	Bv36	On	3				
			CTA Extremity 3.00 Bv36 I3 Radial Vascular L																				3.00			Radial Vascular Ranges	None	MIP Thin	Bv36	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Head Trauma [factory] (Adult)	>Indications: emergency head trauma, hemorrhage, wo CM >Scan modes: RoutineSpiralAdultHead																																		
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (16 cm) 0.08	2.10	Standard					3.0																
			Topogram 0.70 Tr20 cor																									Tr20							
		Head		Brain	RoutineSpiralAdultHead		32 x 0.70	Off			130	329		(16 cm) 73.0	1025	Standard		0.55	1.00		3.0														
			Head 5.00 Hr40 ax																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Hr40	Off	2				
			Head 5.00 Hr40 sag																																
			Head 5.00 Hr40 cor																																
			Head 4.00 Hr40 BrainHem																				4.00	4.00		Brain Hemorrhage	None			Off	2				
			Head 1.50 Hr40 SkullUnf																				1.50	0.60		Skull Unfolding	None		Hr40	Off	3				
			Head 0.80 Hr60 ax																				0.80	0.60		None	Orientation Multi Recons (3)	MPR	Hr60	Off	2				
			Head 0.80 Hr60 sag																																
			Head 0.80 Hr60 cor																																
			Head 0.80 Hr60 SkullUnf																				0.80	0.60		Skull Unfolding	None		Hr60	Off	2				
Body Trauma [factory] (Adult)	>Indications: fast screening for emergency whole body trauma, hemorrhage, w/wo CM >Scan modes: RoutineSpiralAdultAbdomen																																		
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0																
			Topogram 0.70 Tr20 cor																									Tr20							
		Body		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	207	Auto (Non-Contrast)	130	131		(32 cm) 14.1	874	Standard		0.60	0.80		6.0														
			Body 1.50 Br40 ax																				1.50	1.00		None	Impression Multi Recons (3)	MPR	Br40	Off	3				
			Body 1.50 Br60 ax																										Br60	Off	3				
			Body 1.50 Bl60 ax																										Bl60	Off	3				
			Body Br60 Rib																							Radial Rib Ranges	None	MPR	Br60	Off	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Poly Trauma [factory] (Adult)	>Indications: emergency whole body trauma, hemorrhage, w/wo CM >Scan modes: RoutineSpiralAdultHead, RoutineSpiralAdultNeck, RoutineSpiralAdultAbdomen	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.20	10.1	Standard					3.0														
			Topogram 0.70 Tr20 sag																										Tr20						
		Head		Brain	RoutineSpiralAdultHead		32 x 0.70	On	429	Auto (Non-Contrast)	130	287		(16 cm) 63.7	767	Standard		0.55	1.00		3.0													
			Head 5.00 Hr40 ax																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Hr40	Off	3				
			Head 5.00 Hr40 sag																																
			Head 5.00 Hr40 cor																																
			Head 4.00 Hr40 BrainHem																				4.00	4.00		Brain Hemorrhage	None			Off	3				
			Head 1.50 Hr40 SkullUnf																				1.50	0.60		Skull Unfolding	None		Hr40	Off	3				
			Head 5.00 Hr60																				5.00	5.00		None	None		Hr60	Off	3				
			Head 0.80 Hr60 SkullUnf																				0.80	0.60		Skull Unfolding	None		Hr60	Off	3				
		Neck		Neck	RoutineSpiralAdultNeck		32 x 0.70	On	222	Auto (Non-Contrast)	130	147		(32 cm) 15.8	298	Standard		0.80	1.00		17.0													
			Neck 5.00 Br40 ax																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Br40	Off	3				
			Neck 5.00 Br40 sag																																
			Neck 5.00 Br40 cor																																
			Neck 5.00 Br60 sag																				5.00	5.00		None	None	MPR	Br60	Off	3				
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	2.83	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax and Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	207	Auto (Non-Contrast)	130	131		(32 cm) 14.1	875	Standard		0.60	0.80		6.0													
			Thorax and Abdomen 5.00 Br40 ax																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	Off	3				
			Thorax and Abdomen 5.00 Br40 cor																																
			Thorax and Abdomen 5.00 Bl60 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	Off	3				
			Thorax and Abdomen 5.00 Bl60 cor																																
			Thorax and Abdomen 5.00 Bl60 ax																																
			Thorax and Abdomen 5.00 Br60 sag																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br60	Off	3				
			Thorax and Abdomen 5.00 Br60 cor																																
			Thorax and Abdomen Br60 Rib																							Radial Rib Ranges	None	MPR	Br60	Off	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
RTP Head [factory] (Adult)	>Indications: radiotherapy planning of the head region, w/wo CM >Scan modes: RoutineSpiralAdultHead >Decision Tree: RTP Brain [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (16 cm) 0.20	10.1	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		Head		Brain	RoutineSpiralAdultHead	RTP Brain [factory]	32 x 0.70	Off			130	230		(16 cm) 51.0	870	Standard		0.55	1.00		3.0													
			Head 2.00 Qr40 I2																				2.00	2.00	RTP Brain [factory].standard	None	None		Qr40	On	2				
			Head 1.00 Qr40 I2																				1.00	1.00	RTP Brain [factory].stereotactic	None	None		Qr40	On	2				
RTP Head and Neck [factory] (Adult)	>Indications: radiotherapy planning of the head, neck ,shoulder region, w/wo CM >Scan modes: RoutineSpiralAdultNeck	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Head and Neck		Neck	RoutineSpiralAdultNeck		32 x 0.70	On	155	Auto (Non-Contrast)	130	102		(32 cm) 10.9	360	Standard		0.80	1.00		3.0													
			Head and Neck 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Thorax [factory] (Adult)	>Indications: radiotherapy planning of the thorax region, w/wo CM >Scan modes: RoutineSpiralAdultThorax	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Thorax		Thorax	RoutineSpiralAdultThorax		32 x 0.70	On	80	Auto (Non-Contrast)	130	51		(32 cm) 5.47	180	Standard		0.80	0.80		3.0													
			Thorax 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Respiratory Motion Management [factory] (Adult)	>Indications: motion management for radiotherapy planning for moving tumors, w/wo CM >Scan modes: RespiratorySpiralAdult	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Respiratory Motion		Respiratory	RespiratorySpiralAdult		32 x 0.70	On	26	Auto (Non-Contrast)	130	17		(32 cm) 30.0	978	Standard		0.12	0.80		3.0													
			Respiratory Motion 1.50 Qr40 I3 Average CT																				1.50	1.50		None	None		Qr40	On	3	Average CT			
			Respiratory Motion 1.50 Qr40 I3 100% Ex - 80% In																				1.50	1.50		None	None		Qr40	On	3	Multi Phase	10	100% Ex; 80% Ex; 60% Ex; 40% Ex; 20% Ex; 0% Ex; 20% In; 40% In; 60% In; 80% In	Amplitude (% Ex, % In)
RTP Abdomen [factory] (Adult)	>Indications: radiotherapy planning of the abdomen region, w/wo CM >Scan modes: RoutineSpiralAdultAbdomen	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	130	92		(32 cm) 9.87	325	Standard		0.80	0.80		3.0													
			Abdomen 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Pelvis [factory] (Adult)	>Indications: radiotherapy planning of the pelvis region, w/wo CM >Scan modes: RoutineSpiralAdultPelvis	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Pelvis		Pelvis	RoutineSpiralAdultPelvis		32 x 0.70	On	170	Auto (Non-Contrast)	130	107		(32 cm) 11.5	263	Standard		0.80	1.00		3.0													
			Pelvis 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
RTP Extremity [factory] (Adult)	>Indications: radiotherapy planning of the extremities region, w/wo CM >Scan modes: RoutineSpiralAdultExtremities	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Extremity		Extremities	RoutineSpiralAdultExtremities		32 x 0.70	On	75	Auto (Bone/Calcium)	130	52		(32 cm) 5.58	71.9	Standard		0.80	1.00		3.0														
			Extremity 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Direct Density commissioning [factory] (Adult)	>Indications: commissioning of Direct Density for radiotherapy planning scan protocols >Scan modes: RoutineSpiralAdultAbdomen	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		80 kV		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	Off			80	559		(32 cm) 15.0	469	Standard		0.35	0.80		3.0														
			80 kV 1.50 Qr40 I3																				1.50	1.00		None	None		Qr40	On	3				
			80 kV 1.50 Sd40 I3																				1.50	1.00		None	None		Sd40	On	3				
			80 kV 1.50 Sm40 I3																				1.50	1.00		None	None		Sm40	On	3				
		110 kV		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	Off			110	214		(32 cm) 15.0	470	Standard		0.35	0.80		3.0														
			110 kV 1.50 Qr40 I3																				1.50	1.00		None	None		Qr40	On	3				
			110 kV 1.50 Sd40 I3																				1.50	1.00		None	None		Sd40	On	3				
			110 kV 1.50 Sm40 I3																				1.50	1.00		None	None		Sm40	On	3				
		130 kV		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	Off			130	140		(32 cm) 15.0	471	Standard		0.35	0.80		3.0														
			130 kV 1.50 Qr40 I3																				1.50	1.00		None	None		Qr40	On	3				
			130 kV 1.50 Sd40 I3																				1.50	1.00		None	None		Sd40	On	3				
			130 kV 1.50 Sm40 I3																				1.50	1.00		None	None		Sm40	On	3				
CTDI measurement Head [factory] (Adult)	>Indications: special head protocol for ACR accreditation only; don't use for clinical cases! >Scan modes: RoutineSequenceAdultHead	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (16 cm) 0.08	2.10	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Head		Brain	RoutineSequenceAdultHead		32 x 0.70	Off			130	87		(16 cm) 21.6	303	Standard	20.0		1.00	Full 1.00	3.0														
			Head 5.00 Hr40																				5.00	5.00		None	None		Hr40	Off	3				
CTDI measurement Body [factory] (Adult)	>Indications: special body protocol for ACR accreditation only; don't use for clinical cases! >Scan modes: RoutineSequenceAdultAbdomen	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.04	0.98	Standard					3.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Body		Abdomen	RoutineSequenceAdultAbdomen		32 x 0.70	Off			130	82		(32 cm) 9.86	138	Standard	20.0		1.00	Full 1.00	3.0														
			Body 5.00 Br40																				5.00	5.00		None	None		Br40	Off	3				
Thorax Intervention 3D [factory] (Adult)	>Indications: biopsy, abscess in the thorax w/wo CM >Scan modes: InterventionSpiralAdultThorax, InterventionSequenceAdultThorax, InterventionFluoroAdultThorax2d	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		i-Spiral Thorax		Thorax	InterventionSpiralAdultThorax		32 x 0.70	On	80	Auto (Non-Contrast)	130	51		(32 cm) 5.47	39.5	Standard		0.80	0.80		6.0														
			i-Spiral Thorax 5.00 Bl60																				5.00	4.80		None	None		Bl60	Off	3				
		i-Sequence Thorax		Thorax	InterventionSequenceAdultThorax		32 x 0.70	Off			130	17		(32 cm) 1.82	4.09	Standard	0.0		0.80	Full 0.80														
			i-Sequence Thorax 4.80 Br40																				4.80	4.40		None	None		Br40	Off	3				
		i-Fluoro Thorax		Thorax	InterventionFluoroAdultThorax2d		3 x 5.00	Off			130	17				Standard			0.80															
			i-Fluoro Thorax 5.00 Br40																				5.00	5.00			None		Br40						

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Thorax Intervention [factory] (Adult)	>Indications: biopsy, abscess in the thorax w/wo CM >Scan modes: RoutineSpiralAdultThorax, InterventionSequenceAdultThorax2d, InterventionFluoroAdultThorax2d, RoutineSpiralAdultThorax >Decision Tree: Thorax FoV [factory]	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		Planning Thorax		Thorax	RoutineSpiralAdultThorax	Thorax FoV [factory]	32 x 0.70	On	80	Auto (Non-Contrast)	130	51		(32 cm) 5.47	180	Standard		0.80	0.80		6.0													
			Planning Thorax 5.00 Bl60 I3																				5.00	5.00	Thorax FoV [factory].fast acquisition	None	None		Bl60	On	3				
			Planning Thorax 5.00 Br40 I3																				5.00	5.00	Thorax FoV [factory].fast acquisition	None	None		Br40	On	3				
			Planning Thorax 5.00 Bl60 I3																				5.00	5.00	Thorax FoV [factory].standard acquisition	None	None		Bl60	On	3				
			Planning Thorax 5.00 Br40 I3																				5.00	5.00	Thorax FoV [factory].standard acquisition	None	None		Br40	On	3				
		i-Sequence Thorax		Thorax	InterventionSequenceAdultThorax2d		3 x 5.00	Off			130	17		(32 cm) 2.11	3.16	Standard	0.0		0.80	Full 0.80														
			i-Sequence Thorax 5.00 Br40																				5.00				None		Br40					
		i-Fluoro Thorax		Thorax	InterventionFluoroAdultThorax2d		3 x 5.00	Off			130	17				Standard			0.80															
			i-Fluoro Thorax 5.00 Br40																				5.00	5.00			None		Br40					
		Control Thorax		Thorax	RoutineSpiralAdultThorax	Thorax FoV [factory]	32 x 0.70	On	80	Auto (Non-Contrast)	130	51		(32 cm) 5.47	180	Standard		0.80	0.80		6.0													
			Control Thorax 5.00 Bl60 I3																				5.00	5.00	Thorax FoV [factory].fast acquisition	None	None		Bl60	On	3				
			Control Thorax 5.00 Br40 I3																				5.00	5.00	Thorax FoV [factory].fast acquisition	None	None		Br40	On	3				
			Control Thorax 5.00 Bl60 I3																				5.00	5.00	Thorax FoV [factory].standard acquisition	None	None		Bl60	On	3				
			Control Thorax 5.00 Br40 I3																				5.00	5.00	Thorax FoV [factory].standard acquisition	None	None		Br40	On	3				
Abdomen Intervention 3D [factory] (Adult)	>Indications: biopsy, abscess in the abdomen, w/wo CM >Scan modes: InterventionSpiralAdultAbdomen, InterventionSequenceAdultAbdomen, InterventionFluoroAdultAbdomen2d																																	
		Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0															
			Topogram 0.70 Tr20 cor																									Tr20							
		i-Spiral Abdomen		Abdomen	InterventionSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	130	92		(32 cm) 9.87	71.3	Standard		0.80	0.80		6.0													
			i-Spiral Abdomen 5.00 Br40																				5.00	4.80		None	None		Br40	Off	3				
		i-Sequence Abdomen		Abdomen	InterventionSequenceAdultAbdomen		32 x 0.70	Off			130	31		(32 cm) 3.33	7.45	Standard	0.0		0.80	Full 0.80														
			i-Sequence Abdomen 4.80 Br40																				4.80	4.40		None	None		Br40	Off	3				
		i-Fluoro Abdomen		Abdomen	InterventionFluoroAdultAbdomen2d		3 x 5.00	Off			130	31				Standard			0.80															
			i-Fluoro Abdomen 5.00 Br40																				5.00	5.00			None		Br40					

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Abdomen Intervention [factory] (Adult)	>Indications: biopsy, abscess in the abdomen, w/wo CM >Scan modes: RoutineSpiralAdultAbdomen, InterventionSequenceAdultAbdomen2d, InterventionFluoroAdultAbdomen2d	Topogram			ScanplanningTopoAdult		6 x 0.70				110		15	SPR (32 cm) 0.03	1.60	Standard					6.0														
			Topogram 0.70 Tr20 cor																									Tr20						
		Planning Abdomen		Abdomen	RoutineSpiralAdultAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	130	92		(32 cm) 9.87	325	Standard		0.80	0.80		6.0													
			Planning Abdomen 5.00 Br40 I3																				5.00	5.00		None	None		Br40	On	3				
		i-Sequence Abdomen		Abdomen	InterventionSequenceAdultAbdomen2d		3 x 5.00	Off			130	31		(32 cm) 3.85	5.77	Standard	0.0		0.80	Full 0.80													
			i-Sequence Abdomen 5.00 Br40																				5.00				None		Br40						
		i-Fluoro Abdomen		Abdomen	InterventionFluoroAdultAbdomen2d		3 x 5.00	Off			130	31				Standard			0.80																
			i-Fluoro Abdomen 5.00 Br40																				5.00	5.00			None		Br40						
Spine Pain Therapy 3D [factory] (Adult)	>Indications: periradicular therapy, nerve root block, facet joint injection, arthrogram in the spine region, w/wo CM >Scan modes: InterventionSpiralAdultSpineSn, InterventionSequenceAdultSpineSn, InterventionFluoroAdultSpine2d	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.10	4.90	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		i-Spiral Spine		Spine	InterventionSpiralAdultSpineSn		32 x 0.70	On	70	Auto (Bone/Calcium)	Sn 130	160		(32 cm) 4.59	29.5	Standard		0.60	0.80		6.0													
			i-Spiral Spine 3.00 Br60																				3.00	2.80		None	None		Br60	Off	3				
		i-Sequence Spine		Spine	InterventionSequenceAdultSpineSn		32 x 0.70	Off			Sn 130	55		(32 cm) 1.58	3.53	Standard	0.0		0.80	Full 0.80													
			i-Sequence Spine 2.60 Br60																				2.60	2.20		None	None		Br60	Off	3				
		i-Fluoro Spine		Spine	InterventionFluoroAdultSpine2d		3 x 3.00	Off			130	15				Standard			0.80																
			i-Fluoro Spine 3.00 Br60																				3.00	3.00			None		Br60						
Spine Pain Therapy [factory] (Adult)	>Indications: periradicular therapy, nerve root block, facet joint injection, arthrogram in the spine region, w/wo CM >Scan modes: RoutineSpiralAdultSpineSn, InterventionSequenceAdultSpine2d, InterventionFluoroAdultSpine2d	Topogram			ScanplanningTopoAdult		6 x 0.70				130		30	SPR (32 cm) 0.10	4.90	Standard					3.0														
			Topogram 0.70 Tr20 sag																									Tr20						
		Planning Spine		Spine	RoutineSpiralAdultSpineSn		32 x 0.70	On	70	Auto (Bone/Calcium)	Sn 130	160		(32 cm) 4.59	83.5	Standard		0.60	0.80		6.0													
			Planning Spine 3.00 Br60 I3																				3.00	3.00		None	None		Br60	On	3				
			Planning Spine 3.00 Br40 I3																				3.00	3.00		None	None		Br40	On	3				
		i-Sequence Spine		Spine	InterventionSequenceAdultSpine2d		3 x 5.00	Off			130	15		(32 cm) 1.86	2.79	Standard	0.0		0.80	Full 0.80													
			i-Sequence Spine 5.00 Br60																				5.00				None		Br60						
		i-Fluoro Spine		Spine	InterventionFluoroAdultSpine2d		3 x 3.00	Off			130	15				Standard			0.80																
			i-Fluoro Spine 3.00 Br60																				3.00	3.00			None		Br60						

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Brain [factory] (Child)	>Indications: head trauma, hemorrhage, hydrocephalus, abnormalities, inflammation, wo CM >Scan modes: RoutineSpiralChildHeadXcare	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20							
		Brain		Brain	RoutineSpiralChildHeadXcare		32 x 0.70	On	345	Auto (Non-Contrast)	110	314		(16 cm) 46.9	565	Standard		0.55	1.00		3.0														
			Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Brain 5.00 Hr60 I2																										Hr60	On	2				
Brain Multi Phase [factory] (Child)	>Indications: tumors, hydrocephalus, abnormalities, inflammation, w and wo CM >Scan modes: RoutineSpiralChildHeadXcare	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20							
		Non Contrast Brain		Brain	RoutineSpiralChildHeadXcare		32 x 0.70	On	345	Auto (Non-Contrast)	110	314		(16 cm) 46.9	565	Standard		0.55	1.00		3.0														
			Non Contrast Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Non Contrast Brain 5.00 Hr60 I2																										Hr60	On	2				
		Venous Phase Brain		Brain	RoutineSpiralChildHeadXcare		32 x 0.70	On	345	Soft Tissue with Contrast	110	280		(16 cm) 41.8	504	Standard		0.55	1.00		100.0														
			Venous Phase Brain 5.00 Hr40 I2																				5.00	5.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Venous Phase Brain 5.00 Hr60 I2																										Hr60	On	2				
Inner Ear [factory] (Child)	>Indications: inflammation, tumorous processes of pyramids, acoustic neuroma, pathologies of the mastoid process, cerebellopontine angle tumors, cochlea implants, trauma, wo CM >Scan modes: RoutineSpiralChildHeadSn	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20							
		Inner Ear		Brain	RoutineSpiralChildHeadSn		32 x 0.70	On	110	Auto (Bone/Calcium)	Sn 110	475		(16 cm) 12.9	91.1	Standard		0.55	1.00		3.0														
			Inner Ear 1.50 Hr60 I3 ax																				1.50	1.50		None	Impression Multi Recons (2)	MPR	Hr60	On	3				
			Inner Ear 1.50 Hr40 I3 ax																										Hr40	On	3				
			Inner Ear 0.80 Hr60 I3 ax																				0.80	0.80		None	None	MPR	Hr60	On	3				
Sinus [factory] (Child)	>Indications: sinusitis, mucocele, pneumatization, polyposis, tumor, corrections, wo CM >Scan modes: RoutineSpiralChildHeadSnXcare	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20							
		Sinus		Brain	RoutineSpiralChildHeadSnXcare		32 x 0.70	On	50	Auto (Bone/Calcium)	Sn 110	236		(16 cm) 6.43	64.6	Standard		0.55	1.00		3.0														
			Sinus 3.00 Hr60 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MPR	Hr60	On	3				
			Sinus 3.00 Hr40 I3 ax																										Hr40	On	3				
			Sinus 3.00 Hr60 I3 ax																				3.00	3.00		None	None	MPR	Hr60	On	3				
Orbit [factory] (Child)	>Indications: fracture, tumor, trauma, wo CM >Scan modes: RoutineSpiralChildHeadSnXcare	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag Topogram Recon 1																										Tr20							
		Orbit		Brain	RoutineSpiralChildHeadSnXcare		32 x 0.70	On	110	Auto (Bone/Calcium)	Sn 110	475		(16 cm) 12.9	91.1	Standard		0.55	1.00		3.0														
			Orbit 2.00 Hr60 I3 ax																				2.00	2.00		None	Impression Multi Recons (2)	MPR	Hr60	On	3				
			Orbit 2.00 Hr40 I3 ax																										Hr40	On	3				
			Orbit 2.00 Hr60 I3 ax																				2.00	2.00		None	None	MPR	Hr60	On	3				
			Orbit Hr40 I3 cor Radial																							Radial Ranges	None	VRT	Hr40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Neck [factory] (Child)	>Indications: masses, tumor, metastases, lymphoma, lymph nodes in the larynx or pharynx region, w/wo CM >Scan modes: RoutineSpiralChildNeck	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (32 cm) 0.06	1.51	Standard					7.0															
			Topogram 0.70 Tr20 sag																										Tr20						
		Neck		Neck	RoutineSpiralChildNeck		32 x 0.70	On	155	Auto (Non-Contrast)	110	143		(32 cm) 10.0	189	Standard		1.20	1.00		7.0														
			Neck 5.00 Br40 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Neck 5.00 Br40 I3 cor																																
			Neck 5.00 Br40 I3 ax																																
Shoulder [factory] (Child)	>Indications: evaluation of joint cavities, trauma, dislocations, orthopedic indications, shoulder joint, wo CM >Scan modes: RoutineSpiralChildShoulder	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Shoulder		Shoulder	RoutineSpiralChildShoulder		32 x 0.70	On	130	Auto (Bone/Calcium)	110	121		(32 cm) 8.48	144	Standard		1.50	1.00		3.0														
			Shoulder 5.00 Br60 I3 ax																				5.00	5.00		None	None	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 sag R																				3.00	3.00		Parallel Ranges	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 cor R																																
			Shoulder 3.00 Br60 I3 ax R																																
			Shoulder 3.00 Br40 I3 sag R																				3.00	3.00		Parallel Ranges	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Shoulder 3.00 Br40 I3 cor R																																
			Shoulder 3.00 Br40 I3 ax R																																
			Shoulder 3.00 Br60 I3 sag L																				3.00	3.00		Parallel Ranges	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Shoulder 3.00 Br60 I3 cor L																																
			Shoulder 3.00 Br60 I3 ax L																																
			Shoulder 3.00 Br40 I3 sag L																				3.00	3.00		Parallel Ranges	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Shoulder 3.00 Br40 I3 cor L																																
			Shoulder 3.00 Br40 I3 ax L																																
Thorax [factory] (Child)	>Indications: masses, tumor, metastases, lymphoma, lymph nodes, tuberculosis, empyema, infection, early visualization of pulmonary nodules, screening of the lung, w/wo CM >Scan modes: RoutineSpiralChildThorax	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax		Thorax	RoutineSpiralChildThorax		32 x 0.70	On	80	Auto (Non-Contrast)	110	76		(32 cm) 5.32	181	Standard		1.50	0.80		6.0														
			Thorax 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Thorax 5.00 Br40 I3 ax																																
			Thorax 5.00 Bl60 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Thorax 5.00 Bl60 I3 cor																																
			Thorax 5.00 Bl60 I3 ax																																
			Thorax 10.00 Bl60 I3 cor																				10.00	10.00		None	None	MIP Thin	Bl60	On	3				
			Thorax 1.00 Bl60 I3																				1.00	0.70		Lung CAD	None		Bl60	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Thorax and Abdomen [factory] (Child)	>Indications: masses, tumor, lymphoma, lymph nodes of the lung, liver, pancreas, gall bladder, spleen, kidneys, w CM, 2 phases preconfigured >Scan modes: RoutineSpiralChildAbdomenFlexdose	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax and Abdomen		Abdomen	RoutineSpiralChildAbdomenFlexdose		32 x 0.70	On	145	Auto (Non-Contrast)	110	113		(32 cm) 7.90	425	Standard		1.20	0.80		6.0												
			Thorax and Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Thorax and Abdomen 5.00 Br40 I3 ax																																
			Thorax and Abdomen 5.00 Bl60 I3 sag Lung																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Thorax and Abdomen 5.00 Bl60 I3 cor Lung																																
			Thorax and Abdomen 5.00 Bl60 I3 ax Lung																																
			Thorax and Abdomen 1.00 Bl60 I3																				1.00	0.70		Lung CAD	None		Bl60	On	3				
Abdomen [factory] (Child)	>Indications: masses, tumor, lymphoma, lymph nodes of the liver, pancreas, gall bladder, spleen, kidneys, intestine, w/wo CM >Scan modes: RoutineSpiralChildAbdomen	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Abdomen		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	140		(32 cm) 9.81	332	Standard		1.20	0.80		6.0												
			Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Abdomen 5.00 Br40 I3 ax																																
Abdomen Multi Phase [factory] (Child)	>Indications: masses, tumor, lymphoma, lymph nodes of the liver, pancreas, gall bladder, spleen, kidneys, intestine, w and wo CM, 3 phases preconfigured >Scan modes: RoutineSpiralChildAbdomen, PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAbdomen	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Non Contrast Liver		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	140		(32 cm) 9.81	234	Standard		1.20	0.80		6.0												
			Non Contrast Liver 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Non Contrast Liver 5.00 Br40 I3 ax																																
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		Arterial Phase Abdomen		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Soft Tissue with Contrast)	110	125		(32 cm) 8.76	297	Standard		1.20	0.80														
			Arterial Phase Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Arterial Phase Abdomen 5.00 Br40 I3 ax																																
		Venous Phase Abdomen		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Soft Tissue with Contrast)	110	125		(32 cm) 8.76	209	Standard		1.20	0.80		71.0												
			Venous Phase Abdomen 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Venous Phase Abdomen 5.00 Br40 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Whole Body [factory] (Child)	>Indications: masses, tumor, lymphoma, lymph nodes of the lung, liver, pancreas, gall bladder, spleen, kidneys, w/wo CM >Scan modes: RoutineSpiralChildAbdomen	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Whole Body		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	140		(32 cm) 9.81	528	Standard		1.20	0.80		6.0													
			Whole Body 5.00 Br40 I3 cor																				5.00	5.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Whole Body 5.00 Br40 I3 ax																																
			Whole Body 5.00 Bl60 I3 sag Lung																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bl60	On	3				
			Whole Body 5.00 Bl60 I3 cor Lung																																
			Whole Body 5.00 Bl60 I3 ax Lung																																
			Whole Body 1.00 Bl60 I3																				1.00	0.70		Lung CAD	None		Bl60	On	3				
			Whole Body 5.00 Br60 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Whole Body 5.00 Br60 I3 cor																																
			Whole Body 5.00 Br60 I3 ax																																
			Whole Body 5.00 Br40 I3 ax																				5.00	5.00		None	None	MPR	Br40	On	3				
Pelvis [factory] (Child)	>Indications: masses, tumor, lymphom of the urinary bladder, rectum, bone tumor, trauma, osteolysis of the pelvis, w/wo CM >Scan modes: RoutineSpiralChildPelvis	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Pelvis		Pelvis	RoutineSpiralChildPelvis		32 x 0.70	On	170	Auto (Non-Contrast)	110	165		(32 cm) 11.6	277	Standard		1.50	1.00		3.0													
			Pelvis 5.00 Br40 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Br40	On	3				
			Pelvis 5.00 Br40 I3 cor																																
			Pelvis 5.00 Br40 I3 ax																																
			Pelvis 5.00 Br60 I3 ax																				5.00	5.00		None	None	MPR	Br60	On	3				
			Pelvis Br40 I3 cor Radial																							Radial Ranges	None	VRT	Br40	On	3				
Hip [factory] (Child)	>Indications: evaluation of joint cavity, trauma, congruence evaluations, orthopedic indications, wo CM >Scan modes: RoutineSpiralChildPelvis	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Hip		Pelvis	RoutineSpiralChildPelvis		32 x 0.70	On	170	Auto (Non-Contrast)	110	165		(32 cm) 11.6	161	Standard		1.50	1.00		3.0													
			Hip 3.00 Br60 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MPR	Br60	On	3				
			Hip 3.00 Br40 I3 ax																										Br40	On	3				
			Hip 3.00 Br60 I3 cor R																				3.00	3.00		Parallel Ranges	None	MPR	Br60	On	3				
			Hip 3.00 Br60 I3 cor L																				3.00	3.00		Parallel Ranges	None	MPR	Br60	On	3				
C-Spine [factory] (Child)	>Indications: tumors, malformations, bone tumor, trauma, osteolysis of the cervical spine, wo CM >Scan modes: RoutineSpiralChildNeck	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (32 cm) 0.06	1.51	Standard					7.0														
			Topogram 0.70 Tr20 sag																										Tr20						
		C-Spine		Neck	RoutineSpiralChildNeck		32 x 0.70	On	195	Auto (Non-Contrast)	110	174		(32 cm) 12.2	207	Standard		1.50	1.00		7.0													
			C-Spine 2.00 Br40 I3 ax																				2.00	2.00		None	Impression Multi Recons (2)	MPR	Br40	On	3				
			C-Spine 2.00 Br60 I3 ax																										Br60	On	3				
			C-Spine 2.00 Br40 I3 ax																				2.00	2.00		None	None	MPR	Br40	On	3				
			C-Spine 2.00 Br60 I3 ax																				2.00	2.00		None	Impression Multi Recons (2)	MPR	Br60	On	3				
			C-Spine 2.00 Br40 I3 ax																										Br40	On	3				
			C-Spine 0.80 Br60 I3 ax																				0.80	0.60		None	None	MPR	Br60	On	3				
			C-Spine Br40 I3 sag Radial																							Radial Ranges	None	VRT	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
T- or L-Spine [factory] (Child)	>Indications: tumors, malformations, bone tumor, trauma, osteolysis of the lumbar spine, wo CM >Scan modes: RoutineSpiralChildSpine	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (32 cm) 0.06	1.51	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20						
		T- or L-Spine		Spine	RoutineSpiralChildSpine		32 x 0.70	On	285	Auto (Non-Contrast)	110	174		(32 cm) 12.2	207	Standard		1.50	1.00		3.0													
			T- or L-Spine 3.00 Br40 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MPR	Br40	On	3				
			T- or L-Spine 3.00 Br60 I3 ax																										Br60	On	3				
			T- or L-Spine 3.00 Br40 I3 ax																				3.00	3.00		None	None	MPR	Br40	On	3				
			T- or L-Spine 3.00 Br60 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MPR	Br60	On	3				
			T- or L-Spine 3.00 Br40 I3 ax																										Br40	On	3				
			T- or L-Spine 3.00 Br60 I3 ax																				3.00	3.00		None	None	MPR	Br60	On	3				
			T- or L-Spine Br40 I3 sag Radial																							Radial Ranges	None	VRT	Br40	On	3				
Hand [factory] (Child)	>Indications: trauma, disorders of the hand bones, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Hand		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	107	Standard		0.80	1.00		3.0													
			Hand 3.00 Br60 I3 sag R																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor R																																
			Hand 3.00 Br60 I3 ax R																																
			Hand 3.00 Br40 I3 ax R																				3.00	3.00		None	None	MPR	Br40	On	3				
			Hand 3.00 Br60 I3 sag L																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Hand 3.00 Br60 I3 cor L																																
			Hand 3.00 Br60 I3 ax L																																
			Hand 3.00 Br40 I3 ax L																				3.00	3.00		None	None	MPR	Br40	On	3				
Arm or Wrist [factory] (Child)	>Indications: trauma, disorders of the humerus, radius, ulna bones, wrist joint, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Arm or Wrist		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	41.4	Standard		0.80	1.00		3.0													
			Arm or Wrist 2.00 Br60 I3 sag R																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Arm or Wrist 2.00 Br60 I3 cor R																																
			Arm or Wrist 2.00 Br60 I3 ax R																																
			Arm or Wrist 2.00 Br40 I3 ax R																				2.00	2.00		None	None	MPR	Br40	On	3				
			Arm or Wrist 2.00 Br60 I3 sag L																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Arm or Wrist 2.00 Br60 I3 cor L																																
			Arm or Wrist 2.00 Br60 I3 ax L																																
			Arm or Wrist 2.00 Br40 I3 ax L																				2.00	2.00		None	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Elbow [factory] (Child)	>Indications: trauma, disorders of the elbow joint, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20							
		Elbow		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	60.0	Standard		0.80	1.00		3.0														
			Elbow 2.00 Br60 I3 sag R																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Elbow 2.00 Br60 I3 cor R																																	
			Elbow 2.00 Br60 I3 ax R																																	
			Elbow 2.00 Br40 I3 ax R																				2.00	2.00		None	None	MPR	Br40	On	3					
			Elbow 2.00 Br60 I3 sag L																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Elbow 2.00 Br60 I3 cor L																																	
			Elbow 2.00 Br60 I3 ax L																																	
			Elbow 2.00 Br40 I3 ax L																				2.00	2.00		None	None	MPR	Br40	On	3					
Foot [factory] (Child)	>Indications: trauma, disorders of the foot bones, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20							
		Foot		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	60.0	Standard		0.80	1.00		3.0														
			Foot 3.00 Br60 I3 sag R																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Foot 3.00 Br60 I3 cor R																																	
			Foot 3.00 Br60 I3 ax R																																	
			Foot 3.00 Br40 I3 ax R																				3.00	3.00		None	None	MPR	Br40	On	3					
			Foot 3.00 Br60 I3 sag L																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Foot 3.00 Br60 I3 cor L																																	
			Foot 3.00 Br60 I3 ax L																																	
			Foot 3.00 Br40 I3 ax L																				3.00	3.00		None	None	MPR	Br40	On	3					
Leg or Ankle [factory] (Child)	>Indications: trauma, disorders of the femur, fibula, tibia bones, ankle joint, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (32 cm) 0.06	1.51	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20							
		Leg or Ankle		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	60.0	Standard		0.80	1.00		3.0														
			Leg or Ankle 2.00 Br60 I3 sag R																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Leg or Ankle 2.00 Br60 I3 cor R																																	
			Leg or Ankle 2.00 Br60 I3 ax R																																	
			Leg or Ankle 2.00 Br40 I3 ax R																				2.00	2.00		None	None	MPR	Br40	On	3					
			Leg or Ankle 2.00 Br60 I3 sag L																				2.00	2.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3					
			Leg or Ankle 2.00 Br60 I3 cor L																																	
			Leg or Ankle 2.00 Br60 I3 ax L																																	
			Leg or Ankle 2.00 Br40 I3 ax L																				2.00	2.00		None	None	MPR	Br40	On	3					

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Knee [factory] (Child)	>Indications: trauma, disorders of the knee joint, wo CM >Scan modes: RoutineSpiralChildExtremitiesSn	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Knee		Extremities	RoutineSpiralChildExtremitiesSn		32 x 0.70	On	75	Auto (Bone/Calcium)	Sn 110	326		(32 cm) 4.65	73.9	Standard		0.80	1.00		3.0														
			Knee 3.00 Br60 I3 sag R																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor R																																	
			Knee 3.00 Br60 I3 ax R																																	
			Knee 3.00 Br40 I3 ax R																				3.00	3.00		None	None	MPR	Br40	On	3				
			Knee 3.00 Br60 I3 cor R																				3.00	3.00		Parallel Ranges	None	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 sag L																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Knee 3.00 Br60 I3 cor L																																	
			Knee 3.00 Br60 I3 ax L																																	
			Knee 3.00 Br40 I3 ax L																				3.00	3.00		None	None	MPR	Br40	On	3				
			Knee 3.00 Br60 I3 cor L																				3.00	3.00		Parallel Ranges	None	MPR	Br60	On	3				
Brain CTA [factory] (Child)	>Indications: stenosis, aneurysm, occlusion, plaques, abnormalities of the vertebral arteries, COW, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioHead	Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (32 cm) 0.06	1.51	Standard					3.0																
			Topogram 0.70 Tr20 sag																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0														
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0														
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Brain		Head/Vascular Head	RoutineSpiralChildAngioHead		32 x 0.70	On	105	Auto (Vascular)	80	94		(16 cm) 5.76	80.5	Standard		1.50	0.80																
			CTA Brain 3.00 Hv36 I3 cor																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Hv36	On	3				
			CTA Brain 3.00 Hv36 I3 sag																																	
			CTA Brain 3.00 Hv36 I3 ax																																	
Neck CTA [factory] (Child)	>Indications: stenosis, occlusion, plaques, abnormalities of the carotid arteries, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioNeck	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					7.0																
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0														
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0														
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Neck		Neck	RoutineSpiralChildAngioNeck		32 x 0.70	On	145	Auto (Vascular)	80	140		(32 cm) 3.74	89.7	Standard		1.50	0.80																
			CTA Neck 3.00 Bv36 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Neck 3.00 Bv36 I3 cor																																	
			CTA Neck 3.00 Bv36 I3 ax																																	
			CTA Neck 2.00 Bv36 I3 cor																				2.00	2.00		Parallel Ranges	None	MIP Thin	Bv36	On	3				
			CTA Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				
			CTA Neck 3.00 Br40 I3 Parallel Vascular																				3.00	3.00		Parallel Vascular Ranges	None	MPR	Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV IQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Thorax CTA [factory] (Child)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the thoracic aorta, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioBody	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Thorax		Vascular Body	RoutineSpiralChildAngioBody		32 x 0.70	On	70	Auto (Vascular)	80	92		(32 cm) 2.46	59.0	Standard		1.50	0.80														
			CTA Thorax 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Thorax 5.00 Bv36 I3 cor																																
			CTA Thorax 5.00 Bv36 I3 ax																																
			CTA Thorax 5.00 Bl60 I3 ax																				5.00	5.00		None	Impression Multi Recons (2)	MIP Thin	Bl60	On	3				
			CTA Thorax 5.00 Br40 I3 ax																										Br40	On	3				
Pulmonary CTA [factory] (Child)	>Indications: pulmonary embolism, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioBody	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					4.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Pulmonary		Vascular Body	RoutineSpiralChildAngioBody		32 x 0.70	On	70	Auto (Vascular)	80	92		(32 cm) 2.46	59.0	Standard		1.50	0.80														
			CTA Pulmonary 3.00 Bv36 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Pulmonary 3.00 Bv36 I3 cor																																
			CTA Pulmonary 3.00 Bv36 I3 ax																																
			CTA Pulmonary 3.00 Bl60 I3 ax																				3.00	3.00		None	Impression Multi Recons (2)	MIP Thin	Bl60	On	3				
			CTA Pulmonary 3.00 Br40 I3 ax																										Br40	On	3				

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Abdomen CTA [factory] (Child)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the abdominal aorta, renal arteries, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioBody	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Abdomen		Vascular Body	RoutineSpiralChildAngioBody		32 x 0.70	On	115	Auto (Vascular)	80	148		(32 cm) 3.96	134	Standard		1.50	0.80														
			CTA Abdomen 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Abdomen 5.00 Bv36 I3 cor																																
			CTA Abdomen 5.00 Bv36 I3 ax																																
Whole Body CTA [factory] (Child)	>Indications: vascular anomalies, aneurysms, dissection, ruptures of the whole aorta, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioBody	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Whole Body		Vascular Body	RoutineSpiralChildAngioBody		32 x 0.70	On	115	Auto (Vascular)	80	148		(32 cm) 3.96	214	Standard		1.50	0.80														
			CTA Whole Body 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Whole Body 5.00 Bv36 I3 cor																																
			CTA Whole Body 5.00 Bv36 I3 ax																																
Extremity CTA [factory] (Child)	>Indications: vascular anomalies, aneurysms of the femoral arteries, w CM >Scan modes: PremonitoringSequenceChild2d, MonitoringSequenceChild2d, RoutineSpiralChildAngioExtremities	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0														
			Topogram 0.70 Tr20 cor																										Tr20						
		Premonitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 1.15	0.58	Standard	0.0		0.80	Full 0.80	3.0												
			Premonitoring 5.00 Br36																				5.00				None		Br36						
		Monitoring		Vascular Body			1 x 5.00	On	25	Soft Tissue with Contrast	80	47		(32 cm) 34.6	17.3	Standard	0.0		0.80	Full 0.80	10.0												
			Monitoring 5.00 Br36																				5.00				None		Br36						
		CTA Extremity		Runoff	RoutineSpiralChildAngioExtremities		32 x 0.70	On	155	Auto (Vascular)	80	197		(32 cm) 5.27	284	Standard		1.20	0.80														
			CTA Extremity 5.00 Bv36 I3 sag																				5.00	5.00		None	Orientation Multi Recons (3)	MIP Thin	Bv36	On	3				
			CTA Extremity 5.00 Bv36 I3 cor																																
			CTA Extremity 5.00 Bv36 I3 ax																																

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Head Trauma [factory] (Child)	>Indications: emergency head trauma, hemorrhage, wo CM >Scan modes: RoutineSpiralChildHead	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (16 cm) 0.05	1.14	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Head		Brain	RoutineSpiralChildHead		32 x 0.70	On	493	Auto (Non-Contrast)	110	220		(16 cm) 32.8	505	Standard		0.95	0.80		3.0													
			Head 5.00 Hr40 ax																				5.00	5.00		None	Orientation Multi Recons (3)	MPR	Hr40	Off	2				
			Head 5.00 Hr40 sag																																
			Head 5.00 Hr40 cor																																
			Head 0.80 Hr60 ax																				0.80	0.60		None	Orientation Multi Recons (3)	MPR	Hr60	Off	2				
			Head 0.80 Hr60 sag																																
			Head 0.80 Hr60 cor																																
Body Trauma [factory] (Child)	>Indications: fast screening for emergency whole body trauma, hemorrhage, wo CM >Scan modes: RoutineSpiralChildAbdomen																																		
		Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					6.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Body		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	207	Auto (Non-Contrast)	110	139		(32 cm) 9.75	526	Standard		1.50	0.80		6.0													
			Body 1.50 Br40 ax																				1.50	1.00		None	Impression Multi Recons (3)	MPR	Br40	Off	3				
			Body 1.50 Br60 ax																										Br60	Off	3				
			Body 1.50 Bl60 ax																										Bl60	Off	3				
RTP Head [factory] (Child)	>Indications: radiotherapy planning of the head region, w/wo CM >Scan modes: RoutineSpiralChildHead																																		
		Topogram			ScanplanningTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.10	5.07	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20						
		Head		Brain	RoutineSpiralChildHead		32 x 0.70	On	345	Auto (Non-Contrast)	130	230		(16 cm) 51.0	614	Standard		0.55	1.00		3.0													
			Head 1.50 Qr40 I2																				1.50	1.50		None	None		Qr40	On	2				
RTP Head and Neck [factory] (Child)	>Indications: radiotherapy planning of the head, neck and shoulder region, w/wo CM >Scan modes: RoutineSpiralChildNeck																																		
		Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Head and Neck		Neck	RoutineSpiralChildNeck		32 x 0.70	On	155	Auto (Non-Contrast)	130	102		(32 cm) 10.9	305	Standard		0.80	1.00		3.0													
			Head and Neck 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Thorax [factory] (Child)	>Indications: radiotherapy planning of the thorax region, w/wo CM >Scan modes: RoutineSpiralChildThorax																																		
		Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Thorax		Thorax	RoutineSpiralChildThorax		32 x 0.70	On	80	Auto (Non-Contrast)	130	51		(32 cm) 5.47	125	Standard		0.80	0.80		3.0													
			Thorax 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Respiratory Motion Management [factory] (Child)	>Indications: motion management for radiotherapy planning for moving tumors, w/wo CM >Scan modes: RespiratorySpiralChild																																		
		Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Respiratory Motion		Respiratory	Respiratory SpiralChild		32 x 0.70	On	26	Auto (Non-Contrast)	130	17		(32 cm) 30.0	678	Standard		0.12	0.80		3.0													
			Respiratory Motion 1.50 Qr40 I3 Average CT																				1.50	1.50		None	None		Qr40	On	3	Average CT			
			Respiratory Motion 1.50 Qr40 I3 0% - 90%																				1.50	1.50		None	None		Qr40	On	3	Multi Phase	10	0%; 10%; 20%; 30%; 40%; 50%; 60%; 70%; 80%; 90%	Phase (%)

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
RTP Abdomen [factory] (Child)	>Indications: radiotherapy planning of the abdomen region, w/wo CM >Scan modes: RoutineSpiralChildAbdomen	Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Abdomen		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	130	92		(32 cm) 9.87	325	Standard		0.80	0.80		3.0													
			Abdomen 1.50 Qr40 I3																				1.50	1.50		None	None		Qr40	On	3				
RTP Extremity [factory] (Child)	>Indications: radiotherapy planning of the extremities region, w/wo CM >Scan modes: RoutineSpiralChildExtremities	Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Extremity		Extremities	RoutineSpiralChildExtremities		32 x 0.70	On	77	Non-Contrast	130	52		(32 cm) 5.58	71.9	Standard		0.80	1.00		3.0													
			Extremity 1.50 Qr40 I3 R																				1.50	1.50		None	None		Qr40	On	3				
			Extremity 1.50 Qr40 I3 L																				1.50	1.50		None	None		Qr40	On	3				
CTDI measurement Head [factory] (Child)	>Indications: special head protocol for ACR accreditation only; don't use for clinical cases! >Scan modes: RoutineSequenceChildHead																																		
		Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (16 cm) 0.05	1.14	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Head		Brain	RoutineSequenceChildHead		32 x 0.70	Off			130	43		(16 cm) 10.7	150	Standard	20.0		1.00	Full 1.00	3.0														
			Head 5.00 Hr40																				5.00	5.00		None	None		Hr40	Off	3				
CTDI measurement Body [factory] (Child)	>Indications: special body protocol for ACR accreditation only; don't use for clinical cases! >Scan modes: RoutineSequenceChildAbdomen	Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.50	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Body		Abdomen	RoutineSequenceChildAbdomen		32 x 0.70	Off			130	41		(32 cm) 4.93	69.0	Standard	20.0		1.00	Full 1.00	3.0														
			Body 5.00 Br40																				5.00	5.00		None	None		Br40	Off	3				
Brain Baby [factory] (Child)	>Indications: head trauma, hemorrhage, hydrocephalus, abnormalities, inflammation, w/wo CM >Scan modes: RoutineSpiralChildHead	Topogram			ScanplanninggTopoChild		6 x 0.70				130		15	SPR (16 cm) 0.12	3.11	Standard					3.0															
			Topogram 0.70 Tr20 sag																										Tr20						
		Brain		Brain	RoutineSpiralChildHead		32 x 0.70	On	338	Auto (Non-Contrast)	110	139		(16 cm) 20.8	249	Standard		1.50	0.80		3.0													
			Brain 3.00 Hr40 I2																				3.00	3.00		None	Impression Multi Recons (2)		Hr40	On	2				
			Brain 3.00 Hr60 I2																										Hr60	On	2				
Body Baby [factory] (Child)	>Indications: masses, tumor, lymphoma of the thorax,liver, pancreas, kidneys, gastrointestinal studies, w/wo CM >Scan modes: RoutineSpiralChildAbdomen	Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Body		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	139		(32 cm) 9.75	234	Standard		1.50	0.80		3.0													
			Body 3.00 Br40 I3 cor																				3.00	3.00		None	Orientation Multi Recons (2)	MPR	Br40	On	3				
			Body 3.00 Br40 I3 ax																																
			Body 3.00 Br60 I3 sag																				3.00	3.00		None	Orientation Multi Recons (3)	MPR	Br60	On	3				
			Body 3.00 Br60 I3 cor																																
			Body 3.00 Br60 I3 ax																																
Thorax Intervention 3D [factory] (Child)	>Indications: biopsy, abscess in the thorax w/wo CM >Scan modes: InterventionSpiralChildThorax, InterventionSequenceChildThorax, InterventionFluoroChildThorax2d	Topogram			ScanplanninggTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		i-Spiral Thorax		Thorax	InterventionSpiralChildThorax		32 x 0.70	On	80	Auto (Non-Contrast)	110	76		(32 cm) 5.32	42.0	Standard		1.50	0.80		6.0													
			i-Spiral Thorax 3.20 BI60																				3.20	3.00		None	None		BI60	Off	3				
		i-Sequence Thorax		Thorax	InterventionSequenceChildThorax		32 x 0.70	Off			110	13		(32 cm) 0.91	2.04	Standard	0.0		0.80	Full 0.80															
			i-Sequence Thorax 2.60 Br40																				2.60	2.20		None	None		Br40	Off	3				
		i-Fluoro Thorax		Thorax	InterventionFluoroChildThorax2d		3 x 3.00	Off			110	13				Standard			0.80																
			i-Fluoro Thorax 3.00 Br40																				3.00	3.00			None		Br40						

Protocol Name	Protocol Description	Range Name	Recon Name	Organ Characteristic	Scan Mode	Decision Trees	Acquisition [mm]	CARE Dose4D	FAST kV iQ level	FAST kV optimized for	kV	Eff. mAs	mA	CTDIvol [mGy]	DLP [mGy*cm]	Shaped Filter	Feed [mm]	Pitch	Rot. Time [s]	Scan Time [s]	Absolute Start Delay [s]	Contrast Protocol	Slice Thickness [mm]	Increment [mm]	Recon Strategies	Inline Results	Multi Recons	Image Type	Kernel	Iterative Recon	IR Strength	Recon Type	Recon Phase Step	Recon Phase(s)	Recon Phase Unit
Thorax Intervention [factory] (Child)	>Indications: biopsy, abscess in the thorax w/wo CM >Scan modes: RoutineSpiralChildThorax , InterventionSequenceChildThorax2d, InterventionFluoroChildThorax2d, RoutineSpiralChildThorax	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Planning Thorax		Thorax	RoutineSpiralChildThorax		32 x 0.70	On	80	Auto (Non-Contrast)	110	76		(32 cm) 5.32	128	Standard		1.50	0.80		6.0													
			Planning Thorax 3.00 Bl60 I3																				3.00	3.00		None	None		Bl60	On	3				
			Planning Thorax 3.00 Br40 I3																				3.00	3.00		None	None		Br40	On	3				
		i-Sequence Thorax		Thorax	InterventionSequenceChildThorax2d		3 x 3.00	Off			110	13		(32 cm) 0.93	0.83	Standard	0.0		0.80	Full 0.80													
			i-Sequence Thorax 3.00 Br40																				3.00				None		Br40						
		i-Fluoro Thorax		Thorax	InterventionFluoroChildThorax2d		3 x 3.00	Off			110	13				Standard			0.80															
			i-Fluoro Thorax 3.00 Bl60																				3.00	3.00			None		Bl60						
		Control Thorax		Thorax	RoutineSpiralChildThorax		32 x 0.70	On	80	Auto (Non-Contrast)	110	76		(32 cm) 5.32	128	Standard		1.50	0.80		6.0													
			Control Thorax 3.00 Bl60 I3																				3.00	3.00		None	None		Bl60	On	3				
			Control Thorax 3.00 Br40 I3																				3.00	3.00		None	None		Br40	On	3				
Abdomen Intervention 3D [factory] (Child)	>Indications: biopsy, abscess in the abdomen, w/wo CM >Scan modes: InterventionSpiralChildAbdomen, InterventionSequenceChildAbdomen, InterventionFluoroChildAbdomen2d	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		i-Spiral Abdomen		Abdomen	InterventionSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	140		(32 cm) 9.81	76.4	Standard		1.20	0.80		6.0													
			i-Spiral Abdomen 3.20 Br40																				3.20	3.00		None	None		Br40	Off	3				
		i-Sequence Abdomen		Abdomen	InterventionSequenceChildAbdomen		32 x 0.70	Off			110	23		(32 cm) 1.61	3.61	Standard	0.0		0.80	Full 0.80													
			i-Sequence Abdomen 2.60 Br40																				2.60	2.20		None	None		Br40	Off	3				
		i-Fluoro Abdomen		Abdomen	InterventionFluoroChildAbdomen2d		3 x 3.00	Off			110	23				Standard			0.80															
			i-Fluoro Abdomen 3.00 Br40																				3.00	3.00			None		Br40						
Abdomen Intervention [factory] (Child)	>Indications: biopsy, abscess in the abdomen, w/wo CM >Scan modes: RoutineSpiralChildAbdomen, InterventionSequenceChildAbdomen2d, InterventionFluoroChildAbdomen2d	Topogram			ScanplanningTopoChild		6 x 0.70				80		20	SPR (32 cm) 0.02	0.81	Standard					3.0															
			Topogram 0.70 Tr20 cor																										Tr20						
		Planning Abdomen		Abdomen	RoutineSpiralChildAbdomen		32 x 0.70	On	145	Auto (Non-Contrast)	110	140		(32 cm) 9.81	332	Standard		1.20	0.80		6.0													
			Planning Abdomen 3.00 Br40 I3																				3.00	3.00		None	None		Br40	On	3				
		i-Sequence Abdomen		Abdomen	InterventionSequenceChildAbdomen2d		3 x 3.00	Off			110	23		(32 cm) 1.64	1.48	Standard	0.0		0.80	Full 0.80													
			i-Sequence Abdomen 3.00 Br40																				3.00				None		Br40						
		i-Fluoro Abdomen		Abdomen	InterventionFluoroChildAbdomen2d		3 x 3.00	Off			110	23				Standard			0.80															
			i-Fluoro Abdomen 3.00 Br40																				3.00	3.00			None		Br40						

Brain contrast medium necessary [factory]

Scan Strategy

	wo CM	w CM
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultHead	RoutineSpiralAdultHead
Injector Coupling	Off	On
Contrast Protocol		Brain [factory]
Absolute Start Delay	2	180

Decision Tree

wo CM	
Contrast medium?	
yes	**no**
w CM	**wo CM**

Side [factory]

Scan Strategy

	recon both	recon right	recon left
InfoLevel	None	None	None
InfoText			

Decision Tree

recon both		
Side?		
both	**right**	**left**
recon both	**recon right**	**recon left**

Metal implant [factory]

Scan Strategy

	wo iMAR	w iMAR
InfoLevel	None	None
InfoText		

Decision Tree

wo iMAR	
Metal implant?	
yes	**no**
w iMAR	**wo iMAR**

Sinus sinusitis or soft tissue [factory]

Scan Strategy

	low dose	standard dose
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultHeadSnXcare	RoutineSpiralAdultHeadXcare
CARE Dose4D	On	On
FAST kV optimized for	Bone/Calcium	Non-Contrast
FAST kV IQ level	50	100

Decision Tree

low dose	
Sinus Sinusitis/soft tissue?	
sinusitis	**soft tissue**
low dose	**standard dose**

Neck FoV [factory]

Scan Strategy

	standard acquisition	fast acquisition
InfoLevel	Information	None
InfoText	Please check scan time!	
Scan Mode	RoutineSpiralAdultNeck	RoutineSpiralAdultNeck
Pitch	0.8	1.5

Decision Tree

standard acquisition	
FoV?	
yes	**no**
fast acquisition	**standard acquisition**

Neck contrast medium necessary [factory]

Scan Strategy

	wo CM	w CM
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultNeck	RoutineSpiralAdultNeck
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Soft Tissue with Contrast
Injector Coupling	Off	On
Contrast Protocol		Neck [factory]
Absolute Start Delay	2	15

Decision Tree

wo CM	
Contrast medium?	
yes	**no**
w CM	**wo CM**

Lung screening [factory]

Scan Strategy

	low dose wo X-CARE	low dose w X-CARE	high resolution wo X-CARE	high resolution w X-CARE
InfoLevel	None	None	None	None
InfoText				
Scan Mode	RoutineSpiralAdultThoraxSn	RoutineSpiralAdultThoraxSnXcare	RoutineSpiralAdultThorax	RoutineSpiralAdultThoraxSnXcare
CARE Dose4D	On	On	On	On
FAST kV IQ level	15	15	100	100
Pitch	0.8	0.6	0.8	0.6

Decision Tree

low dose wo X-CARE					
Lung low dose/high resolution?					
lung cancer screening			**high resolution**		
low dose wo X-CARE			**high resolution wo X-CARE**		
Gender			**Gender**		
Male	**Female**	**Other**	**Male**	**Female**	**Other**
low dose wo X-CARE	**low dose w X-CARE**	**low dose w X-CARE**	**high resolution wo X-CARE**	**high resolution w X-CARE**	**high resolution w X-CARE**

Thorax contrast medium necessary [factory]

Scan Strategy

	wo CM	w CM
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultThorax	RoutineSpiralAdultThorax
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Soft Tissue with Contrast
Injector Coupling	Off	On
Contrast Protocol		Thorax [factory]
Absolute Start Delay	2	25

Decision Tree

wo CM	
Contrast medium?	
yes	**no**
w CM	**wo CM**

Thorax FoV [factory]

Scan Strategy

	standard acquisition	fast acquisition
InfoLevel	Information	None
InfoText	Please check scan time!	
Scan Mode	RoutineSpiralAdultThorax	RoutineSpiralAdultThorax
Pitch	0.8	1.5

Decision Tree

standard acquisition	
FoV?	
yes	**no**
fast acquisition	**standard acquisition**

Thorax and Abdomen FoV [factory]

Scan Strategy

	standard acquisition	fast acquisition
InfoLevel	Information	None
InfoText	Please check scan time!	
Scan Mode	RoutineSpiralAdultAbdomenFlexdose	RoutineSpiralAdultAbdomenFlexdose
Pitch	0.8	1.2

Decision Tree

standard acquisition	
FoV?	
yes	**no**
fast acquisition	**standard acquisition**

Thorax and Abdomen contrast medium necessary [factory]

Scan Strategy

	wo CM	w CM
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultAbdomenFlexdose	RoutineSpiralAdultAbdomenFlexdose
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Soft Tissue with Contrast
Injector Coupling	Off	On
Contrast Protocol		Abdomen [factory]
Absolute Start Delay	2	20

Decision Tree

wo CM	
Contrast medium?	
yes	**no**
w CM	**wo CM**

Abdomen contrast medium necessary [factory]

Scan Strategy

	wo CM	w CM
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultAbdomen	RoutineSpiralAdultAbdomen
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Soft Tissue with Contrast
Injector Coupling	Off	On
Contrast Protocol		Abdomen [factory]
Absolute Start Delay	2	75

Decision Tree

wo CM	
Contrast medium?	
yes	**no**
w CM	**wo CM**

Abdomen FoV [factory]

Scan Strategy

	standard acquisition	fast acquisition
InfoLevel	Information	None
InfoText	Please check scan time!	
Scan Mode	RoutineSpiralAdultAbdomen	RoutineSpiralAdultAbdomen
Pitch	0.8	1.2

Decision Tree

standard acquisition	
FoV?	
yes	**no**
fast acquisition	**standard acquisition**

Kidney TwinSpiral DE possible [factory]		
Scan Strategy		
	TwinSpiral DE	**Single Energy**
InfoLevel	None	Important Information
InfoText		No Dual Energy information. Please check patient instruction!
Scan Mode	RoutineSpiralAdultAbdomenTwinspiral	RoutineSpiralAdultAbdomenSn
Decision Tree		
TwinSpiral DE		
Dual Energy Recommendation		
Dual Energy	**Single Energy**	
TwinSpiral DE	**Single Energy**	

Whole Body soft tissue or bone [factory]		
Scan Strategy		
	standard dose	**low dose**
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultAbdomen	RoutineSpiralAdultAbdomenSn
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Bone/Calcium
FAST kV IQ level	145	72
Decision Tree		
standard dose		
Soft tissue/bone?		
bone	**soft tissue**	
low dose	**standard dose**	

Pelvis soft tissue or bone [factory]		
Scan Strategy		
	standard dose	**low dose**
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultPelvis	RoutineSpiralAdultPelvisSn
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Bone/Calcium
FAST kV IQ level	170	85
Decision Tree		
standard dose		
Soft tissue/bone?		
bone	**soft tissue**	
low dose	**standard dose**	

Pelvis contrast medium necessary [factory]		
Scan Strategy		
	wo CM	**w CM**
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultPelvis	RoutineSpiralAdultPelvis
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Soft Tissue with Contrast
Injector Coupling	Off	On
Contrast Protocol		Abdomen [factory]
Absolute Start Delay	2	85
Decision Tree		
wo CM		
Contrast medium?		
yes	**no**	
w CM	**wo CM**	

Pelvis TwinSpiral DE possible [factory]		
Scan Strategy		
	TwinSpiral DE	**Single Energy**
InfoLevel	None	Important Information
InfoText		No Dual Energy information. Please check patient instruction!
Scan Mode	RoutineSpiralAdultPelvisTwinspiral	RoutineSpiralAdultPelvis
Decision Tree		
TwinSpiral DE		
Dual Energy Recommendation		
Dual Energy	**Single Energy**	
TwinSpiral DE	**Single Energy**	

C-Spine disc or bone [factory]

Scan Strategy

	standard dose	low dose
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultNeck	RoutineSpiralAdultNeckSn
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Bone/Calcium
FAST kV IQ level	195	97

Decision Tree

standard dose	
Spine disc/fracture?	
spine disc	fracture
standard dose	low dose

T- and L-Spine disc or bone [factory]

Scan Strategy

	standard dose	low dose
InfoLevel	None	None
InfoText		
Scan Mode	RoutineSpiralAdultSpine	RoutineSpiralAdultSpineSn
CARE Dose4D	On	On
FAST kV optimized for	Non-Contrast	Bone/Calcium
FAST kV IQ level	285	142

Decision Tree

standard dose	
Spine disc/fracture?	
spine disc	fracture
standard dose	low dose

Spine TwinSpiral DE possible [factory]

Scan Strategy

	TwinSpiral DE	Single Energy
InfoLevel	None	Important Information
InfoText		No Dual Energy information. Please check patient instruction!
Scan Mode	RoutineSpiralAdultSpineTwinspiral	RoutineSpiralAdultSpine

Decision Tree

TwinSpiral DE	
Dual Energy Recommendation	
Dual Energy	Single Energy
TwinSpiral DE	Single Energy

Spine TwinSpiral metal DE possible [factory]

Scan Strategy

	TwinSpiral DE	Single Energy
InfoLevel	None	Important Information
InfoText		No Dual Energy information. Please
Scan Mode	RoutineSpiralAdultSpineTwinspiralMetal	RoutineSpiralAdultSpine

Decision Tree

TwinSpiral DE	
Dual Energy Recommendation	
Dual Energy	Single Energy
TwinSpiral DE	Single Energy

Abdomen CTA contrast medium sensitive [factory]

Scan Strategy

	standard iodine	less iodine	no iodine
InfoLevel	None	Important Information	Important Information
InfoText		Decreased eGFR!	Severely decreased eGFR!
Scan Mode	RoutineSpiralAdultAngioBody	RoutineSpiralAdultAngioBody	RoutineSpiralAdultAngioBody
CARE Dose4D	On	On	On
FAST kV optimized for	Vascular	Soft Tissue with Contrast	Non-Contrast

Decision Tree

standard iodine			
(e)GFR			
Normal	Decreased	Severely decreased	
standard iodine	less iodine	no iodine	

Coronary Calcium Scoring HR variability [factory]

Scan Strategy

	standard	end systolic arrhythmia
InfoLevel	None	None
InfoText		
Scan Mode	CardiacSpiralAdult	CardiacSpiralAdult
Phase Start	75	350
Phase End	75	350
Phase Unit	%	ms

Decision Tree

standard		
Heart Rate Variability		
Regular	**Unstable**	**Arrhythmic**
standard	**standard**	**end systolic arrhythmia**

RTP Brain [factory]

Scan Strategy

	standard	stereotactic
InfoLevel	None	None
InfoText		

Decision Tree

standard	
Stereotaxic?	
yes	**no**
stereotactic	**standard**

Test Run [factory]

Scan Strategy

	Information for Test Run
InfoLevel	Important Information
InfoText	Due to a high table speed a test run is recommended.

Decision Tree

Information for Test Run

TwinSpiral contrast medium [factory]

Scan Strategy

	Information for TwinSpiral
InfoLevel	Important Information
InfoText	To ensure constant contrast distribution, the delay needs to be larger than 75 seconds.

Decision Tree

Information for TwinSpiral

Info template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Decision Tree			
template 1			

Extremity DE template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Scan Mode	RoutineSpiralAdultExtremities		
Decision Tree			
template 1			

Brain CTA template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Scan Mode	RoutineSpiralAdultAngioHead		
Decision Tree			
template 1			

Neck CTA template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Scan Mode	RoutineSpiralAdultAngioNeck		
Decision Tree			
template 1			

Body CTA template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Scan Mode	RoutineSpiralAdultAngioBody		
Decision Tree			
template 1			

Extremity CTA template [factory]			
Scan Strategy			
	template 1		
InfoLevel	None		
InfoText			
Scan Mode	RoutineSpiralAdultAngioExtremities		
Decision Tree			
template 1			

Contrast Protocol Name	CM Name	Iodine Concentration [mg/ml]	Phase Type	Flow [ml/s]	Volume [ml]	Duration [s]	CM Ratio [%]
Factory Contrast Protocols							
Brain [factory]		**300**					
Contrast			**Contrast**	**2.5**	**60**	**24**	**100**
Saline			**Saline**	**2.5**	**40**	**16**	**0**
Brain Perfusion [factory]		**370**					
Contrast			**Contrast**	**6.0**	**41**	**7**	**100**
Saline			**Saline**	**6.0**	**40**	**7**	**0**
Neck [factory]		**300**					
Contrast			**Contrast**	**2.5**	**70**	**28**	**100**
Saline			**Saline**	**2.5**	**40**	**16**	**0**
Thorax [factory]		**300**					
Contrast			**Contrast**	**3.0**	**70**	**24**	**100**
Saline			**Saline**	**3.0**	**40**	**14**	**0**
Abdomen [factory]		**300**					
Contrast			**Contrast**	**4.0**	**100**	**25**	**100**
Saline			**Saline**	**4.0**	**40**	**10**	**0**
CTA [factory]		**300**					
Contrast			**Contrast**	**4.0**	**80**	**20**	**100**
Saline			**Saline**	**4.0**	**40**	**10**	**0**
Brain and Neck CTA [factory]		**370**					
Contrast			**Contrast**	**5.0**	**80**	**16**	**100**
Saline			**Saline**	**5.0**	**40**	**8**	**0**
Pulmonary CTA [factory]		**370**					
Contrast			**Contrast**	**5.0**	**65**	**13**	**100**
Saline			**Saline**	**5.0**	**40**	**8**	**0**

CE
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Manufacturer’s note:

The CE marking applies only to Medical Devices which have been put on the market according to the EC Regulation.

Unauthorized changes to this product are not covered by the CE mark and the related Declaration of Conformity.

Caution: Federal law restricts this device to sale by or on the order of a physician, dentist, or veterinarian (21 CFR 801.109(b)(1)).

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