

SOMATOM Drive - Scan protocols and kernel overview *syngo* CT VB20

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

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

Qual. ref. tube current [Qual. ref. mAs]

'Qual. ref. mAs/rot.' for cardio scans

'Quality ref. mAs' indicates the preset reference values for operation with activated CARE Dose4D.

Tube current A [mAs]

'mAs' for sequential scans, 'eff. mAs' for spiral scans, 'mAs/rot.' for cardio scans

'mAs' indicates the preset reference values for operation with deactivated CARE Dose4D.

CTDIvol [mGy]

'mGy/s' for i-Fluoro scans

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 (tube current A) for operation with deactivated CARE Dose4D, regardless if CARE Dose 4D is activated by default or not.

syngo CT VB10 introduced a new kernel naming concept. The kernel overview at the end of the document contains two comparison tables. In the first table, VB10 kernel names are listed in alphabetical order in the first column with their equivalent previous kernel names listed in the second column. In the second table, previous kernel names are listed in alphabetical order in the first column with their equivalent VB10 kernel names listed in the second column.

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
Head_XCARE_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	273	273		37,9	511,94	16	wide		7,69	1	128	64	0,6	5	0,55		120	5	Hr38	
HeadRoutine_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	332	332		46,1	622,57	16	wide		7,69	1	128	64	0,6	5	0,55		120	5	Hr38	
HeadNeuro_XCARE_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	273	273		46,58	614,97	16	wide		20,18	1	40	20	0,6	5	0,55		120	5	Hr38	
HeadNeuro_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	273	273		46,58	614,97	16	wide		20,18	1	40	20	0,6	5	0,55		120	5	Hr38	
HeadRoutineSeq_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	HeadSeq		on	on	120		120None/None	273	273		43,27	597,19	16	wide		2	1	32	32	1,2	5		34,5	133,06	5	Hr38	
HeadNeuroSeq	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	HeadSeq		on	on	120		120None/None	390	390		65,45	824,69	16	wide		2	1	12	12	1,2	4,8		14	121,6		Hf38	
InnerEarZUHR_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr60	
	InnerEarUHR		on	semi	120		120None/None	161	161		34,51	181,09	16	narrow		12	1	32	16	0,3	2	0,85		40	2	Ur70	
																				0,4					0,2	Ur70	
																				0,4					0,2	Ur70	
InnerEarUHR_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr60	
	InnerEarUHR		on	semi	120		120None/None	126	126		27,01	141,84	16	narrow		12	1	16	8	0,6	2	0,85		40	2	Ur70	
																				0,6					0,4	Ur70	
																				0,6					0,4	Ur70	
InnerEar_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr60	
	InnerEar		on	semi	120		120None/None	126	126		17,49	111,93	16	wide		3,3	1	128	64	0,6	2	0,8		40	2	Hr68	
																				0,6					0,4	Hr68	
																				0,6					0,4	Hr68	
InnerEarUHRSeq_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr60	
	InnEarUHRSeq		on	semi	120		120None/None	126	126		28,81	116,68	16	narrow		1	1	16	8	0,6	2		4,5	38,32	2	Ur70	
																				0,6				38,32	0,4	Ur70	
Sinus_Sn_IR	Topogram				140		140TinFilter/None		50		0,1	2,44	16	standard		2,73		6	6	0,6				256		Tr20	
	Sinus		on	on	100		100TinFilter/None	257	257		3,89	40,42	16	standard		4,61	1	128	64	0,6	5	0,8		80	5	Hr68	
																				5				80	5	Hr38	
																				1				80	0,7	Hr68	
																				1				80	0,7	Hr38	
Sinus_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Sinus		on	on	120		120None/None	35	35		4,86	50,53	16	wide		4,61	1	128	64	0,6	5	0,8		80	5	Hr68	
																				5				80	5	Hr38	
																				1				80	0,7	Hr68	
																				1				80	0,7	Hr38	
Sinus_IR_Vol	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Sinus		on	on	120		120None/None	35	35		4,86	50,53	16	wide		4,61	1	128	64	0,6	5	0,8		80	5	Hr68	
																				3					3	Hr38	
																				3					3	Hr68	
Orbit_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Orbit		on	semi	120		120None/None	88	88		12,22	90,39	16	wide		3,63	1	128	64	0,6	5	0,8		50	5	Hr68	
																				5				50	5	Hr38	
																				0,6				50	0,4	Hr68	
Dental_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Dental		on	semi	120		120None/None	63	63		8,75	64,71	16	wide		3,63	1	128	64	0,6	0,75	0,8		50	0,5	Hr68	
NeckRoutine_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Neck		on	on	120		120None/None	116	116		7,41	151,15	32	wide		7,86	1	128	64	0,6	5	0,8		180	5	Bf37	
																				1				180	0,7	Bv40	
NeckThorax_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	Neck		on	on	120		120None/None	116	116		7,41	121,51	32	wide		6,56	1	128	64	0,6	5	0,8		140	5	Bf37	
																				1				140	0,7	Br38	
		Pause																									
	Thorax		on	on	120		120None/None	66	66		4,22	136,59	32	wide		5,89	0,5	128	64	0,6	5	0,8		300	5	Bf37	
																				5				300	5	Br59	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
Flash_Thorax_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	FI_Thorax		on	on	120	120	120None/120None	68	68		3,49	120,93	32	narrow	narrow	1,31	0,285	128	64	0,6	5	3			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
Thorax_XCARE_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	Thorax		on	on	120		120None/None	66	66		4,22	133,6	32	wide		4,29	0,285	128	64	0,6	5	0,6			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
ThoraxRoutine_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	Thorax		on	on	120		120None/None	66	66		4,22	142,2	32	wide		4,26	0,5	128	64	0,6	5	1,2			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
DSXXL_Thorax_IR	Topogram				120		120None/None		20		0,04	1,95	32	wide		5,29		6	6	0,6					512		Tr20
	DS_Thorax		on	on	140	140	140None/140None	54	54		5,85	188,9	32	wide	wide	10,8	0,5	32	32	0,6	5	0,8			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
ThoraxHR_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	ThorHR		on	on	120		120None/None	66	66		4,22	142,2	32	wide		4,26	0,5	128	64	0,6	5	1,2			300	5	Br59
																					5				300	5	Bf37
																					0,6				300	0,4	Br59
																					0,6				300	0,4	Bf37
ThoraxSeqHR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	ThorHRSeq		on	on	120		120None/None	110	110		1,44	43,12	32	wide		0,5	0,5	2	2	1	1		10		291		BI57
ThoraxECGSeqHR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	ThorECGHR		on	on	120		120None/None	110	110		0,84	25,12	32	narrow		0,21	0,285	2	2	1	1		10		291		BI57
Flash_LungLowDose_Sn_IR	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6					512		Tr20
	FI_LungLowDose		on	on	100	100	100TinFilter/100TinFilter	84	84		0,52	18,03	32	narrow	narrow	1,31	0,285	128	64	0,6	5	3			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
LungLowDose_Sn_IR	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6					512		Tr20
	LungLowDose		on	on	100		100TinFilter/None	81	81		0,61	20,68	32	standard		4,26	0,5	128	64	0,6	5	1,2			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
LungLowDose_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	LungLowDose		on	on	120		120None/None	12	12		0,77	25,85	32	wide		4,26	0,5	128	64	0,6	5	1,2			300	5	Bf37
																					5				300	5	Br59
																					1				300	0,7	Bf37
																					1				300	0,7	Br59
LungCARE	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	LungCARE		on	semi	120		120None/None	20	20		1,28	43,09	32	wide		4,26	0,5	128	64	0,6	5	1,2			300	5	Bf37
																					5				300	5	BI57
																					1				300	0,7	Bf37
																					1				300	0,7	Br58
ThorAbd_XCARE_IR	Topogram				100		100None/None		20		0,02	1,71	32	wide		7,85											

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
AbdomenSeq_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	AbdSeq		on	on	120		120None/None	147	147		10,74	222,25	32	wide		0,5	0,5	32	32	1,2	5		34,5	202,06	5	Br38	
Colonography_Sn_IR	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6					512		Tr20
	Colo_supine		on	on	140		140TinFilter/None	66	66		2,25	96,38	32	standard		6,8	0,5	128	64	0,6	1	0,9		400	0,7	Bv38	
		Pause PR																									
	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6					512		Tr20
Colonography	Colo_prone		on	on	140		140TinFilter/None	36	36		1,23	53,91	32	standard		4,72	0,5	128	64	0,6	1	1,4		400	0,7	Bv38	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
	Colo_supine		on	semi	120		120None/None	55	55		3,51	150,18	32	wide		6,8	0,5	128	64	0,6	1	0,9		400	0,7	Br34	
		Pause PR																									
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6					512		Tr20
WholeBodyBone_Sn_IR	Colo_prone		on	semi	120		120None/None	30	30		1,92	84	32	wide		4,72	0,5	128	64	0,6	1	1,4		400	0,7	Br32	
	Topogram				100		100TinFilter/None		50		0,01	1,15	32	standard		10,41		6	6	0,6				1024		Tr20	
	WholeBody		on	on	100		100TinFilter/None	328	328		2,48	202,8	32	standard		36,78	1	128	64	0,6	5	0,6		800	5	Br57	
AbdomenIntervention																					1			800	0,7	Br57	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	i-Spiral		on	on	120		120None/None	210	210		13,78	446,41	32	wide		5,89	0,5	32	32	1,2	5	0,8		300	3,5	Br38	
	i-Fluoro		off	off	120		120None/None	50	50		10,41	14,99	32	wide		99	0,5	12	12	1,2	4,8		0	9,6	4,8	Br38	
	i-Sequence		off	off	120		120None/None	50	50		3,76	5,41	32	wide		0,5	0,5	12	12	1,2	4,8		0	9,6		Br38	
PelvisRoutine_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr60	
	Pelvis		on	on	120		120None/None	147	147		9,65	216,02	32	wide		4,26	0,5	32	32	1,2	5	0,8		200	5	Bf37	
DSXXL_Pelvis_IR	Topogram				120		120None/None		20		0,04	1,95	32	wide		5,29		6	6	0,6				512		Tr60	
	DS_Pelvis		on	on	140	140	140None/140None	118	118		12,79	277,94	32	wide	wide	9,7	0,5	32	32	0,6	5	0,6		200	5	Bf37	
Hip_IR	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr60	
	Hip		on	on	120		120None/None	133	133		8,5	105,34	32	wide		5,26	1	128	64	0,6	5	0,8		100	5	Br62	
																					0,6			100	0,4	Br62	
Hip_iMAR_IR	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr60	
	Hip		on	on	120		120None/None	133	133		8,5	105,34	32	wide		5,26	1	128	64	0,6	5	0,8		100	5	Bf42	
													32								5			100	5	Bf42	
																					0,6			100	0,4	Bf42	
																					0,6			100	0,4	Bf42	
C_Spine_IR_Vol	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr60	
	C_Spine		on	on	120		120None/None	193	193		12,33	226,83	32	wide		7,21	1	128	64	0,6	2	0,8		160	2	Br38	
																					0,6				0,4	Bv40	
																					2				2	Br38	
																					2				2	Br57	
C_Spine_Sn_IR	Topogram				140		140TinFilter/None		50		0,05	1,3	32	standard		2,73		6	6	0,6				256		Tr60	
	C_Spine		on	on	140		140TinFilter/None	328	328		11,21	206,16	32	standard		7,21	1	128	64	0,6	2	0,8		160	2	Br38	
																					0,6			160	0,4	Br38	
																					0,6			160	0,4	Br57	
C_Spine_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr60	
	C_Spine		on	on	120		120None/None	193	193		12,33	226,83	32	wide		7,21	1	128	64	0,6	2	0,8		160	2	Br38	
																					0,6			160	0,4	Br38	
																					0,6			160	0,4	Br57	
Spine_IR_Vol	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr60	
	Spine		on	on	120		120None/None	231	231		14,76	271,49	32	wide		7,21	1	128	64	0,6	3	0,8		160	3	Br38	
																					0,6				0,4	Bv40	
																					2				2	Br38	
																					2				2	Br57	
Spine_Sn_IR	Topogram				140		140TinFilter/None		50		0,05	2,59	32	standard		5,29		6	6	0,6				512		Tr60	
	Spine</																										

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C2-047.640.07.01.02

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
CarotidDSACT_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	Non Contrast		on	on	120		120None/None	42	42		2,68	90,49	32	wide		2,43	0,285	128	64	0,6	0,6	1,2		300	0,4	Bv38	
		Pause																									
	CarotidAngio		on	on	120		120None/None	84	84		5,37	180,98	32	wide		2,43	0,285	128	64	0,6	5	1,2		300	5	Br38	
																					0,6			300	0,4	Bv38	
Flash_ThorAngio_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	FI_ThorAngio		on	on	100	100	100None/100None	112	112		3,32	146,81	32	narrow	narrow	1,92	0,285	128	64	0,6	5	2,2		400	5	Br38	
																					5			400	5	Br59	
																					0,75			400	0,5	Bv38	
DS_ThorAngio_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_ThorAngio		on	on	80	80	80None/80None	154	154		2,11	98,21	32	narrow	narrow	3,05	0,285	128	64	0,6	5	1,2		400	5	Br38	
																					5			400	5	Br59	
																					0,75			400	0,5	Bv38	
ThorAngio_XCARE_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	ThorAngio		on	on	80		80None/None	155	155		2,71	113,06	32	wide		5,53	0,285	128	64	0,6	5	0,6		400	5	Br38	
																					5			400	5	Br59	
																					0,75			400	0,5	Bv38	
ThorAngioRoutine_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	ThorAngio		on	on	80		80None/None	155	155		2,71	118,59	32	wide		5,35	0,5	128	64	0,6	5	1,2		400	5	Br38	
																					5			400	5	Br59	
																					0,75			400	0,5	Bv38	
ThorAngio_IR_Vol	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	ThorAngio		on	on	80		80None/None	155	155		2,71	118,59	32	wide		5,35	0,5	128	64	0,6	5	1,2		400	5	Br38	
																					5			400	5	Br59	
																					3			400	3	Br38	
Flash_ChestPainECG_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
		Contrast																									
	TestBolus		off	off	100		100None/None	24	24		12,31	12,31	32	wide		0,29	0,285	1	1	10	10	0	0	0		Br40	
		Contrast																									
	FI_ChestPain		on	on	120	120	120None/120None	240	240		3,85	108,17	32	narrow	narrow	1,15	0,285	128	64	0,6	3	3,2		250	3	Br38	
																					0,6				0,3	Bv38	
																					3			250	3	Br38	
																					3				3	Br59	
																					3				3	Br38	
		Pause																			1				0,5	Br38	
	DS_CorAdSeq		on	on	120	120	120None/120None	240	240		6,51	89,86	32	narrow	narrow	0,21	0,285	128	64	0,6	3		34,5	135,06	3	Br38	
																					0,6			135,06	0,4	Bv38	
DS_ChestPainECG_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_ChestPain		on	on	120	120	120None/120None	240	240		12,73	343,93	32	narrow	narrow	11,53	0,285	128	64	0,6	3	0,17		250	3	Br38	
																					0,6				0,3	Bv38	
																					0,6				0,3	Bv38	
																					3			250	3	Br38	
																					3				3	Br59	
																					1				0,5	Br38	
DSXXL_ChestPainECG_IR	Topogram				120		120None/None		20		0,04	1,95	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_ChestPain		on	on	120	120	120None/120None	240	240		12,73	343,93	32	narrow	narrow	11,53	0,285	128	64	0,6	3	0,17		250	3	Br38	
																					0,6				0,3	Bv38	
																					0,6				0,3	Bv38	
																					3			250	3	Br38	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
BodyAngioRoutine_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	BodyAngio		on	on	120		120None/None	84	84		5,37	234,64	32	wide		5,35	0,5	128	64	0,6	5	1,2		400	5	Br38	
																				0,75				400	0,5	Bv38	
BodyAngio_IR_Vol	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	BodyAngio		on	on	120		120None/None	84	84		5,37	234,64	32	wide		5,35	0,5	128	64	0,6	5	1,2		400	5	Br38	
																				3					3	Br38	
AngioRunOff_IR	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	AngioRunOff		on	on	120		120None/None	84	84		5,37	545,65	32	wide		22,74	0,5	128	64	0,6	5	0,6		1000	5	Br38	
																				1				1000	0,7	Bv38	
DS_WholeBodyAngio_IR	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	DS_WholeBody		on	on	120	120	120None/120None	84	84		4,31	372,73	32	narrow	narrow	5,53	0,285	128	64	0,6	5	1,2		800	5	Br38	
																				0,75				800	0,5	Bv38	
WholeBodyAngio_IR	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	WholeBody		on	on	120		120None/None	84	84		5,37	449,28	32	wide		9,7	0,5	128	64	0,6	5	1,2		800	5	Br38	
																				0,75				800	0,5	Bv38	
Flash_CaScore_Sn	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	FI_CaSc		on	on	100	100	100TinFilter/100TinFilter	268	268		0,49	8,29	32	narrow	narrow	0,86	0,285	128	64	0,6	3	3,4		135	1,5	Sa36	
Flash_CaScore	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	FI_CaSc		on	on	120	120	120None/120None	80	80		1,21	20,5	32	narrow	narrow	0,86	0,285	128	64	0,6	3	3,4		135	1,5	Sa36	
DS_CaScore	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CaSc		on	on	120	120	120None/120None	80	80		4,24	72,23	32	narrow	narrow	7,15	0,285	128	64	0,6	3	0,17		150	1,5	Sa36	
DS_CaScoreSeq_Sn	Topogram				100		100TinFilter/None		50		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	DS_CaScSeq		on	on	100	100	100TinFilter/100TinFilter	268	268		1,37	18,9	32	narrow	narrow	0,21	0,285	32	32	1,2	3		34,5	135,06	1,5	Sa36	
DS_CaScoreSeq	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CaScSeq		on	on	120	120	120None/120None	80	80		3,4	46,98	32	narrow	narrow	0,21	0,285	32	32	1,2	3		34,5	135,06	1,5	Sa36	
FAST_Flash_Cardio_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	FI_CaSc		on	on	120	120	120None/120None	80	80		1,21	20,5	32	narrow	narrow	0,86	0,285	128	64	0,6	3	3,4		135	1,5	Sa36	
		Contrast																									
	TestBolus		off	off	100		100None/None	24	24		12,31	12,31	32	wide		0,29	0,285	1	1	10	10		0	0		Br40	
		Contrast																									
	FI_CorCTA		on	on	100	100	100None/100None	282	282		2,46	41,74	32	narrow	narrow	0,86	0,285	128	64	0,6	3	3,4		135	3	Br38	
																					0,6			135	0,3	Bv38	
		Pause																									
	DS_CorAdSeq		on	on	100	100	100None/100None	282	282		4,42	60,99	32	narrow	narrow	0,21	0,285	128	64	0,6	3		34,5	135,06	3	Br38	
																					0,6			135,06	0,4	Bv38	
DS_CoroCTA_AdaptSeq_Edge_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorAdSeq		on	on	100	100	100None/100None	282	282		4,42	60,99	32	narrow	narrow	0,21	0,285	128	64	0,6	3		34,5	135,06	3	Br38	
																					0,75			135,06	0,4	Bv38	
																					0,5			135,06	0,15	Bv45	
DS_CoroCTA_AdaptSeq_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorAdSeq		on	on	100	100	100None/100None	282	282		4,42	60,99	32	narrow	narrow	0,21	0,285	128	64	0,6	3		34,5	135,06	3	Br38	
																					0,6			135,06	0,4	Bv38	
DS_CoronaryCTA_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorCTA		on	on	100	100	100None/100None	282	282		16,88	236,72	32	narrow	narrow	5,83	0,285	128	64	0,6	3	0,17		120	3	Br38	
																					0,6			120	0,3	Bv38	
																					1,5			120	1	Bv38	
DSXXL_CoronaryCTA_IR	Topogram				120		120None/None		20		0,04	1,95	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorCTA		on	on	120	120	120None/120None	240	240		24,86	348,78	32	narrow	narrow	5,83	0,285	128	64	0,6	3	0,17		120	3	Br38	
																					0,6			120	0,3	Bv38	
																					1,5			120	1	Bv38	
DS_CoroCTA_BiSeq_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorCTABi		on	on	100	100	100None/100None	282	282		16,88	236,72	32	narrow	narrow	5,83	0,285	128	64	0,6	3	0,17		120	3	Br38	
																					0,6			120	0,3	Bv38	
																					1,5			120	1	Bv38	
DS_CoroCTA_AdaptSeqArrhythmicHR_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorAdSeq		on	on	100	100	100None/100None	282	282		9,79	135,03	32	narrow	narrow	0,21	0,285	128	64	0,6	3		34,5	135,06	3	Br38	
																					0,6			135,06	0,4	Bv38	
DS_CoroCTA_ArrhythmicHR_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorCTA		on	on	100	100	100None/100None	282	282		14,74	206,74	32	narrow	narrow	5,83	0,285	128	64	0,6	3	0,17		120	3	Br38	
																					0,6			120	0,3	Bv38	
DS_CoroCTA_HeartFlow_IR	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DS_CorAdSeq		on	on	100	100	100None/100None	340	340		5,33	73,53	32	narrow	narrow	0,21	0,285	128	64	0,6	0,75		34,5	137,31	0,5	Bv38	
																					0,75			137,31	0,5	Bv38	
Flash_TAVI_IR	Topogram				100		100None/None		20		0,02	1,71	32	wide		7,85		6	6	0,6				768		Tr20	
		Contrast																									
	TestBolus		off	off	100		100None/None	24	24		12,31	12,31	32	wide		0,29	0,285	1	1	10	10		0	0		Br40	
		Contrast																									
	FI_TAVI		on	on	100	100	100None/100None	284	284		2,63	139,64	32	narrow	narrow	1,73	0,285	128	64	0,6	0,6	3,2		500	0,4	Bv38	
																					1,5				1	Bv38	
																					3				3	Br59	
DE_Thorax_Analysis_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6							

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
DE_Thorax_Analysis_XCARE_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Thorax		on	off	100	140	100None/140TinFilter	53	53	45	4,02	127,26	32	wide	wide	8,71	0,285	64	32	0,6	5	0,55		300	5	Bf37	
																					5			300	5	Br59	
																					2			300	1,4	Qr40	
DE_Thorax_LungNodules_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Thorax		on	off	80	140	80None/140TinFilter	123	123	52	4,5	142,3	32	wide	wide	8,71	0,285	64	32	0,6	5	0,55		300	5	Bf37	
																					5			300	5	Br59	
																					1,5			300	1	Qr40	
DE_Thorax_Xenon_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Thorax		on	off	100	140	100None/140TinFilter	53	53	45	4,02	127,26	32	wide	wide	8,71	0,285	64	32	0,6	5	0,55		300	5	Bf37	
																					5			300	5	Br59	
																					2			300	1,4	Qr40	
DE_Abdomen_VNC_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Abdomen		on	off	100	140	100None/140TinFilter	184	184	143	13,19	286,78	32	wide	wide	9,7	0,5	32	32	0,6	5	0,6		200	5	Br38	
																					1,5			200	1	Qr40	
DE_Abdomen_KidneyStones_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Abdomen		on	off	100	140	100None/140TinFilter	168	168	130	12,26	269,6	32	wide	wide	5,59	0,33	64	32	0,6	5	0,7		200	5	Br38	
																					1,5			200	1	Qr40	
DE_AbdomenSeq_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_AbdSeq		on	off	100	140	100None/140TinFilter	137	137	106	11,08	207,11	32	wide	wide	0,5	0,5	32	32	0,6	5		17	182,28	5	Bf37	
																					1,5			182,28	1	Qr40	
DE_AbdomenDynSerio	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_AbdSeqDyn		on	off	100	140	100None/140TinFilter	230	230	178	16,46	31,61	32	wide	wide	0,5	0,5	32	32	0,6	5	0		12,2	5	Br38	
																					1,5			12,2	1	Qr40	
DE_Body_BoneMarrow_IR	Topogram				140		140None/None		20		0,06	5,87	32	wide		10,41		6	6	0,6				1024		Tr20	
	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	DE_Body		on	off	100	140	100None/140TinFilter	184	184	143	13,19	946,52	32	wide	wide	31,43	0,5	32	32	0,6	5	0,6		700	5	Br38	
																					1,5			700	1	Qr40	
DE_Spine_Metal_IR_Vol	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Spine		on	off	100	140	100None/140TinFilter	200	200	385	23,12	404,5	32	wide	wide	9,33	0,5	32	32	0,6	3	0,5		160	3	Br38	
																					1,5			160	1	Qr40	
																					1,5			160	1	Br38	
																					2			2		Br38	
																					2			2		Br51	
DE_Wrist_Tendon_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_Wrist		on	off	140	80	140None/80None	30	30	128	5,87	46,96	32	wide	wide	2,14	0,33	64	32	0,6	2	0,7		60	2	Br38	
																					0,75			60	0,5	Qr40	
DE_Hand_Gout_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				25			

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
DE_CarotidAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_CarotidAngio		on	off	100	140	100None/140TinFilter	91	91	91	6,05	167,44	32	narrow	narrow	4,71	0,285	64	32	0,6	5	0,9		250	5	Br38	
DE_CarotidAngioFast_BoneRem_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6	1			250	0,7	Qr40	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_CarotidAngio		on	off	100	140	100None/140TinFilter	83	83	83	5,93	165,2	32	wide	wide	3,23	0,285	128	64	0,6	5	0,7		250	5	Br38	
DE_BodyAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1			250	0,7	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_BodyAngio		on	off	100	140	100None/140TinFilter	95	95	74	6,82	290,92	32	wide	wide	12,63	0,5	32	32	0,6	5	0,9		400	5	Br38	
DE_BodyAngioFast_BoneRem_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			400	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_BodyAngio		on	off	100	140	100None/140TinFilter	95	95	74	6,07	260,15	32	wide	wide	5,59	0,33	128	64	0,6	5	0,7		400	5	Br38	
DE_Body_OptiCon_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			400	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Body		on	off	140	80	140None/80None	26	26	143	5,63	236,48	32	wide	wide	15,93	0,5	32	32	0,6	5	0,7		400	5	Br38	
DE_ExtrAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	5,87	32	wide		10,41		6	6	0,6	1,5			400	1	Qr40	
	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	DE_ExtrAngio		on	off	80	140	80None/140TinFilter	184	184	78	6,74	687,16	32	wide	wide	25,29	0,33	64	32	0,6	5	0,7		1000	5	Br38	
DE_CoroCTA_HeartPBV_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			1000	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_CorCTA		on	off	100	140	100None/140TinFilter	124	124	105	21,56	293,59	32	narrow	narrow	11,26	0,285	64	32	0,6	3	0,17		120	3	Br38	
DE_CoroCTA_AdaptSeq_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	0,6			120	0,3	Bv38	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6	1			120	0,7	Qr40	
	DE_CorAdSeq		on	off	100	140	100None/140TinFilter	124	124	105	6,02	71,66	32	narrow	narrow	0,29	0,285	64	32	0,6	3		17	116,28	3	Br38	
RDE_Thorax_Analysis_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			116,28	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Thorax		on	off	100	140	100None/140TinFilter	71	71	60	5,38	170,12	32	wide	wide	8,71	0,285	64	32	0,6	5	0,55		300	5	Bf37	
RDE_Thorax_Analysis_XCARE	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	5			300	5	Br59	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6	2			300	1,4	Qr40	
	DE_Thorax		on	off	100	140	100None/140TinFilter	89	89	75	6,73	212,99	32	wide	wide	8,71	0,285	64	32	0,6	5	0,55		300	5	Bf37	
RDE_Abdomen_VNC	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	2			300	1,4	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Abdomen		on	off	100	140	100None/140TinFilter	230	230	178	16,46	357,85	32	wide	wide	9,7	0,5	32	32	0,6	5	0,6		200	5	Br38	
RDE_AbdomenKidneyStones	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			200	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Abdomen		on	off	100	140	100None/140TinFilter	210	210	163	15,05	330,68	32	wide	wide	8,46	0,5	32	32	0,6	5	0,7		200	5	Br38	
RDE_AbdomenSeq	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			200	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_AbdSeq		on	off	100	140	100None/140TinFilter	171	171	133	13,85	259,07	32	wide	wide	0,5	0,5	32	32	0,6	5		17	182,28	5	Bf37	
RDE_Spine_Metal_Vol	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6	1,5			182,28	1	Qr40	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Spine		on	off	100	140	100None/140TinFilter	250	250	481	28,89	505,46	32	wide	wide	9,33	0,5	32	32	0,6	3	0,5		160	3	Br38	
RDE_Wrist_Tendon	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6	1,5			160	1	Qr40	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6	2			160	1	Br34	
	DE_Wrist		on	off	140	80	140None/80None	37</																			

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
RDE_Foot_Gout	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_Foot		on	off	80	140	80None/140TinFilter	250	250	125	10,62	176,86	32	wide	wide	19,86	1	40	20	0,6	2	0,75		150	2	Br34	
																							150	0,5	Qr40		
RDE_HeadAngio_BoneRem_IR	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,05	1,27	16	wide		2,73		6	6	0,6				256		Tr20	
	DE_HeadAngio		on	off	80	140	80None/140TinFilter	178	178	89	15,03	210,43	16	wide	wide	3,62	0,33	64	32	0,6	4	0,7		120	4	Hv38	
																					1			120	0,7	Qr40	
RDE_Head_BrainHem	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,05	1,27	16	wide		2,73		6	6	0,6				256		Tr20	
	DE_Head		on	off	80	140	80None/140TinFilter	310	310	155	28,1	383,49	16	wide	wide	8,14	0,5	40	20	0,6	4	0,7		120	4	Hr35	
																					1			120	0,7	Qr40	
RDE_CarotidAngio_BoneRem_XCARE_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_CarotidAngio		on	off	100	140	100None/140TinFilter	83	83	83	5,51	147,57	32	narrow	narrow	6,77	0,285	64	32	0,6	5	0,6		250	5	Br38	
																					1			250	0,7	Qr40	
RDE_CarotidAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_CarotidAngio		on	off	100	140	100None/140TinFilter	83	83	83	5,51	152,72	32	narrow	narrow	4,71	0,285	64	32	0,6	5	0,9		250	5	Br38	
																					1			250	0,7	Qr40	
RDE_CarotidAngioFast_BoneRem_IR	Topogram				140		140None/None		20		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	Topogram				100		100None/None		20		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	DE_CarotidAngio		on	off	100	140	100None/140TinFilter	83	83	83	5,93	165,2	32	wide	wide	3,23	0,285	128	64	0,6	5	0,7		250	5	Br38	
																					1			250	0,7	Qr40	
RDE_BodyAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_BodyAngio		on	off	100	140	100None/140TinFilter	95	95	74	6,82	290,92	32	wide	wide	12,63	0,5	32	32	0,6	5	0,9		400	5	Br38	
																					1,5			400	1	Qr40	
RDE_BodyAngioFast_BoneRem_IR	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_BodyAngio		on	off	100	140	100None/140TinFilter	95	95	74	6,07	260,15	32	wide	wide	5,59	0,33	128	64	0,6	5	0,7		400	5	Br38	
																					1,5			400	1	Qr40	
RDE_Body_OptiCon	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_Body		on	off	140	80	140None/80None	32	32	176	6,93	291,06	32	wide	wide	15,93	0,5	32	32	0,6	5	0,7		400	5	Br38	
																					1,5			400	1	Qr40	
RDE_ExtrAngio_BoneRem_IR	Topogram				140		140None/None		20		0,06	5,87	32	wide		10,41		6	6	0,6				1024		Tr20	
	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	DE_ExtrAngio		on	off	80	140	80None/140TinFilter	184	184	78	6,74	687,16	32	wide	wide	25,29	0,33	64	32	0,6	5	0,7		1000	5	Br38	
																					1,5			1000	1	Qr40	
RDE_CoroCTA_HeartPBV	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_CorCTA		on	off	100	140	100None/140TinFilter	165	165	140	28,71	391,02	32	narrow	narrow	11,26	0,285	64	32	0,6	3	0,17		120	3	Br38	
																					0,6			120	0,3	Bv38	
																					1			120	0,7	Qr40	
RDE_CoroCTA_AdaptSeq	Topogram				140		140None/None		20		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	Topogram				100		100None/None		20		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	DE_CorAdSeq		on	off	100	140	100None/140TinFilter	165	165	140	8,01	95,41	32	narrow	narrow	0,29	0,285	64	32	0,6	3		17	116,28	3	Br38	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
Trauma	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	Trauma		on	on	120		120None/None	180	180		11,81	931,72	32	wide		7,51	0,5	32	32	1,2	7	1,5		750	7	Br38	
																					1,5			750	1	Br38	
																					1,5			750	1	Br59	
TraumaThin	Topogram				100		100None/None		20		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	TraumaThin		on	on	120		120None/None	180	180		11,5	907,09	32	wide		7,51	0,5	128	64	0,6	7	1,5		750	7	Br38	
																					0,6			750	0,3	Br38	
																					0,6			750	0,3	Br59	
PolyTrauma	Topogram				140		140None/None		20		0,12	6,13	16	wide		5,29		6	6	0,6				512		Tr20	
	Head		on	on	120		120None/None	390	390		55,54	750,12	16	wide		3,84	0,5	32	32	1,2	6	0,55		120	6	Hf38	
	Neck		on	on	120		120None/None	165	165		10,83	177,51	32	wide		3,28	0,5	32	32	1,2	5	0,8		140	5	Bf37	
		Pause																									
	Topogram				100		100None/None		20		0,02	1,71	32	wide		7,85		6	6	0,6				768		Tr20	
	ThorAbd		on	on	120		120None/None	210	210		13,78	879,57	32	wide		6,59	0,5	32	32	1,2	7	1,4		600	7	Bf37	
																					7				7	BI57	
																					7				7	Br38	
																					1,5				1	Br38	
Flash_HeadTrauma	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Fl_Head		on	on	120	120	120None/120None	210	210		29,16	463,99	16	wide	wide	1,14	0,285	128	64	0,6	5	1,55		120	5	Hf38	
																					5			120	5	Hr56	
HeadTrauma	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	390	390		54,15	731,34	16	wide		7,69	1	128	64	0,6	5	0,55		120	5	Hf38	
																					5			120	5	Hr60	
HeadTraumaSeq	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	HeadSeq		on	on	120		120None/None	390	390		61,82	853,13	16	wide		2	1	32	32	1,2	5		34,5	133,06	5	Hf38	
																					5			133,06	5	Hr60	
NeuroVPCT	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	320	320		53,57	702,05	16	wide		38,36	1	20	10	0,6	5	0,55		120	5	Hf38	
																					1			120	0,7	Hr35	
		Pause																									
	DynMulti4D		off	off	70		70None/None	200	200		139	1636,05	16	wide		1,5	0,285	32	32	1,2	10	0,5		100	4	Hr35	
																					5			100	3	Hr35	
																					1,5			100	1	Hr35	
		Pause																									
	HeadAngio		on	on	100		100None/None	175	175		14,55	209,56	16	wide		2,95	0,5	128	64	0,6	1	0,8		120	0,7	Hr35	
NeuroVPCT_Prolonge	Topogram				140		140None/None		20		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	Head		on	on	120		120None/None	320	320		53,57	702,05	16	wide		38,36	1	20	10	0,6	5	0,55		120	5	Hf38	
																					1			120	0,7	Hr35	
		Pause																									
	DynMulti4D		off	off	70		70None/None	200	200		139	1636,05	16	wide		1,5	0,285	32	32	1,2	10	0,5		100	4	Hr35	
																					5			100	3	Hr35	
																					1,5			100	1	Hr35	
		Pause																									
	HeadAngio		on	on	100		100None/None	175	175		14,55	209,56	16	wide		2,95	0,5	128	64	0,6	1	0,8		120	0,7	Hr35	
NeuroPCT	DynMulti		off	off	70		70None/None	200	200		215,87	828,93	16	wide		40	1	32	32	1,2	5			33,4	3	Hr35	
NeuroPCTSeq	DynSerio		off	off	70		70None/None	200	200		161,9	621,7	16	wide		0,5	0,5	32	32	1,2	5		0	33,4	3	Hr35	
NeuroMultiPhase_VAngio	DynMulti4D_L		off	off	80		80None/None	150	150		250,72	3873,59	16	wide		1,5	0,285	32	32	1,2	5	1,02		150	3	Hr38	
																					3			150	2	Hr38	
																					1,5			150	1	Hr38	
BodyVPCT	DynMulti4D		off	off	80		80None/None	150	150		62,48	735,37	32	wide		1,5	0,285	32	32	1,2	5	0,5		100	3	Br34	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length [mm]	Increment [mm]	Kernel	
Adult																											
Topos	TopoHead				140		140None/None		55		0,12	3,07	16	wide		2,73		6	6	0,6				256		Tr20	
	TopoHeadNeck				140		140None/None		55		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	TopoNeck				140		140None/None		55		0,06	1,47	32	wide		2,73		6	6	0,6				256		Tr20	
	TopoNeckThor				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoShoulder				100		100None/None		55		0,02	0,57	32	wide		2,73		6	6	0,6				256		Tr20	
	TopoThorax				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoThorUpAbd				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoTorAbd				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoAbdomen				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoPelvis				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoLegs				100		100None/None		106		0,02	1,14	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoSpine				140		140None/None		106		0,06	2,94	32	wide		5,29		6	6	0,6				512		Tr20	
	TopoRunoff				100		100None/None		208		0,02	2,28	32	wide		10,41		6	6	0,6				1024		Tr20	
	TopoWholeBody				100		100None/None		344		0,02	3,78	32	wide		17,19		6	6	0,6				1700		Tr20	
Sn_Topos	TopoHead				140		140TinFilter/None		137		0,1	2,44	16	standard		2,73		6	6	0,6				256		Tr20	
	TopoHeadNeck				140		140TinFilter/None		137		0,1	2,44	16	standard		2,73		6	6	0,6				256		Tr20	
	TopoNeck				140		140TinFilter/None		137		0,05	1,3	32	standard		2,73		6	6	0,6				256		Tr20	
	TopoNeckThor				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoShoulder				100		100TinFilter/None		137		0,01	0,29	32	standard		2,73		6	6	0,6				256		Tr20	
	TopoThorax				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoThorUpAbd				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoTorAbd				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoAbdomen				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoPelvis				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoLegs				100		100TinFilter/None		265		0,01	0,58	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoSpine				140		140TinFilter/None		265		0,05	2,59	32	standard		5,29		6	6	0,6				512		Tr20	
	TopoRunoff				100		100TinFilter/None		521		0,01	1,15	32	standard		10,41		6	6	0,6				1024		Tr20	
	TopoWholeBody				100		100TinFilter/None		860		0,01	1,91	32	standard		17,19		6	6	0,6				1700		Tr20	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length	Increment [mm]	Kernel	
Child																											
Head_XCARE_IR	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
HeadRoutine_IR	Head		on	on	100		100None/None	420	210		17,47	239,05	16	wide		7,22	1	128	64	0,6	5	0,6		120	5	Hr38	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
HeadRoutineSeq_IR	Head		on	on	100		100None/None	510	255		21,21	305,36	16	wide		5,91	1	128	64	0,6	5	0,8		120	5	Hr38	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
NeonateHead_IR	HeadSeq		on	on	100		100None/None	420	210		19,44	268,27	16	wide		1	1	128	64	0,6	5		34,5	133,06	5	Hr38	
	Topogram				80		80None/None		20		0,02	0,55	16	narrow		2,73		6	6	0,6				256		Tr20	
InnerEarZUHR_IR	NeonateHead		on	on	100		100None/None	420	71		5,91	85,02	16	wide		5,91	1	128	64	0,6	5	0,8		120	5	Hr38	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr60	
InnerEarUHR_IR	InnerEarUHR		on	on	120		120None/None	161	81		17,36	91,11	16	narrow		12	1	32	16	0,3	0,4	0,85		40	0,4	Ur70	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr60	
InnerEar_IR	InnerEarUHR		on	on	120		120None/None	126	63		13,5	70,92	16	narrow		12	1	16	8	0,6	0,6	0,85		40	0,6	Ur70	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr60	
InnerEarUHRSeq_IR	InnerEar		on	on	120		120None/None	126	63		7,77	49,68	16	narrow		3,3	1	128	64	0,6	0,6	0,8		40	0,6	Hr68	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr60	
Sinus_IR	InnEarUHRSeq		on	on	120		120None/None	126	63		14,41	58,34	16	narrow		1	1	16	8	0,6	0,6		4,5	39,72	0,6	Ur70	
	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
	Sinus		on	on	120		120None/None	35	18		2,22	18,63	16	narrow		3,95	1	128	64	0,6	3	0,8		60	3	Hr68	
																								60	3	Hr38	
																								60	0,7	Hr68	
																								60	0,7	Hr38	
Orbit_IR	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
	Orbit		on	on	120		120None/None	88	44		5,42	34,7	16	narrow		3,3	1	128	64	0,6	3	0,8		40	3	Hr68	
																								40	3	Hr38	
																								40	0,4	Hr68	
NeckRoutine_IR	Topogram				120		120None/None		20		0,03	0,79	32	narrow		2,73		6	6	0,6				256		Tr20	
	Neck		on	on	100		100None/None	164	82		2,51	48,63	32	narrow		7,54	1	32	32	1,2	5	0,8		170	5	Br38	
ShoulderRoutine_IR																								170	1	Br57	
	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	Shoulder		on	on	100		100None/None	178	89		2,64	40,59	32	narrow		6,23	1	128	64	0,6	5	0,8		130	5	Br62	
																								130	0,5	Br62	
Flash_Thorax_Sn_IR																								130	0,5	Br62	
	Topogram				100		100TinFilter/None		20				32	narrow		5,29		6	6	0,6				512		Tr20	
	FI_Thorax		on	on	100	100	100TinFilter/100TinFilter	448	224		1,39	26,55	32	narrow	narrow	1,13	0,285	128	64	0,6	3	2		150	3	Br38	
																								150	3	Br51	
Flash_Thorax_IR																								150	1	Br38	
	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	FI_Thorax		on	on	100	100	100None/100None	96	48		1,42	27,99	32	narrow	narrow	0,94	0,285	128	64	0,6	3	3		150	3	Br38	
																								150	3	Br51	
																								150	3	Br51	
																								150	1	Br38	
																								150	1	Br51	
																								150	1	Br51	
Thorax_XCARE_IR	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	Thorax		on	on	100		100None/None	93	47		1,44	23,98	32	narrow		2,43	0,285	32	32	1,2	3	0,6		150	3	Br38	
																								150	3	Br51	
																								150	1	Br38	
Thorax_Sn_IR																								150	1	Br51	
	Topogram				100		100TinFilter/None		20				32	narrow		5,29		6	6	0,6				512		Tr20	
	Thorax		on	on	100		100TinFilter/None	445	223		1,42	26,69	32	narrow													

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length	Increment [mm]	Kernel	
Child																											
ExtrRoutineZUHR_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	ExtrUHR		on	off	120		120None/None	126	63		5,62	40,71	32	narrow		17	1	32	16	0,3	0,4	0,85		60	0,4	Ur77	
ExtrUHR_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	ExtrUHR		on	off	120		120None/None	84	42		3,75	27,16	32	narrow		17	1	16	8	0,6	0,6	0,85		60	0,6	Ur70	
Extremity_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	Extremity		on	off	100		100None/None	108	54		1,6	19,83	32	narrow		5,26	1	128	64	0,6	3	0,8		100	3	Br38	
																				1				100	0,7	Br38	
ExtrRoutineZUHR_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	ExtrUHR		on	off	120		120None/None	126	63		5,62	40,71	32	narrow		17	1	32	16	0,3	0,4	0,85		60	0,4	Ur77	
ExtrUHR_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	ExtrUHR		on	off	120		120None/None	84	42		3,75	27,16	32	narrow		17	1	16	8	0,6	0,6	0,85		60	0,6	Ur70	
Extremity_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	Extremity		on	off	100		100None/None	108	54		1,6	19,83	32	narrow		5,26	1	128	64	0,6	3	0,8		100	3	Br38	
																				1				100	0,7	Br38	
HeadAngio_XCARE_IR	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
	HeadAngio		on	on	80		80None/None	154	77		2,76	21,19	16	narrow		1,31	0,285	128	64	0,6	2	0,6		60	2	Hv38	
																				0,6				60	0,4	Hv38	
HeadAngio_IR	Topogram				120		120None/None		20		0,07	1,88	16	narrow		2,73		6	6	0,6				256		Tr20	
	HeadAngio		on	on	80		80None/None	154	77		2,76	27,11	16	narrow		1,56	0,5	128	64	0,6	2	1,4		60	2	Hv38	
																				0,6				60	0,4	Hv38	
CarotidAngio_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	CarotidAngio		on	on	80		80None/None	152	76		1,04	21,69	32	narrow		2,58	0,5	128	64	0,6	5	1,4		170	5	Br38	
																				0,6				170	0,4	Bv38	
Flash_BodyAngio_IR	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	FI_BodyAngio		on	on	80	80	80None/80None	152	76		1,04	25,71	32	narrow	narrow	1,06	0,285	128	64	0,6	3	3		200	3	Br38	
																				0,6				200	0,4	Bv38	
BodyAngio_IR	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	BodyAngio		on	on	80		80None/None	152	76		1,04	24,82	32	narrow		2,86	0,5	128	64	0,6	3	1,4		200	3	Br38	
																				0,6				200	0,4	Bv38	
Flash_Cardio_IR	Topogram				80		80None/None		20		0,01	0,21	32	narrow		2,73		6	6	0,6				256		Tr20	
	TestBolus		off	off	80		80None/None	36	18		3,41	1,7	32	narrow		0,29	0,285	1	1	5	5		0	0		Br40	
		Contrast																									
	FI_CorCTA		on	on	80	80	80None/80None	432	216		0,87	9,13	32	narrow	narrow	0,72	0,285	128	64	0,6	3	3,4		70	3	Br38	
																				0,6				70	0,3	Bv38	
RDE_Thorax_Analysis	Topogram				120		120None/None		20		0,03	1,57	32	narrow		5,29		6	6	0,6				512		Tr20	
	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	DE_Thorax		on	off	80	140	80None/140TinFilter	89	45	13	0,99	31,71	32	narrow	narrow	4,62	0,285	128	64	0,6	5	0,55		300	5	Bf37	
																								300	5	BI57	
																								300	1,4	Qr40	
RDE_Abdomen_VNC	Topogram				120		120None/None		20		0,03	1,57	32	narrow		5,29		6	6	0,6				512		Tr20	
	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	DE_Abdomen		on	off	80	140	80None/140TinFilter	230	115	30	2,43	54,38	32	narrow	narrow	3,05	0,285	128	64	0,6	5	0,6		200	5	Br38	
																				1,5				200	1	Qr40	
RDE_Spine_Metal_Vol	Topogram				120		120None/None		20		0,03	1,57	32	narrow		5,29		6	6	0,6				512		Tr20	
	Topogram				80		80None/None		20		0,01	0,42	32	narrow		5,29		6	6	0,6				512		Tr20	
	DE_Spine		on	off	100	140	100None/140TinFilter	250	125	241	11,89	208,07	32	narrow	narrow	9,33	0,5	32	32	0,6	3	0,5		160	3	Br38	
																				1,5				160	1	Qr40	

Scan Protocol Name	Range Name	Memo	CARE Dose[4D]	CARE kV	Tube Voltage A [kV]	Tube Voltage B [kV]	kV Tin combi	Qual. ref. Tube Current [Qual. ref. mAs]	Tube Current A [mAs]	Tube Current B [mAs]	CTDIvol [mGy]	DLP total [mGy cm]	CTDI Phantom Size [cm]	Shaped Filter A	Shaped Filter B	Scan time [s]	Rot. Time [s]	Acquisition	No. Slice Collimation	Coll. Width [mm]	Slice Width [mm]	Pitch Factor	Feed/ Scan [mm]	Length	Increment [mm]	Kernel	
Child																											
Topos		Neonate 80kV,																									
	TopoHead				120		120None/None		55		0,07	1,88	16	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoHeadNeck				120		120None/None		55		0,03	0,79	32	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoNeck				120		120None/None		55		0,03	0,79	32	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoNeckThor				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoShoulder				80		80None/None		55		0,01	0,21	32	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoThorax				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoThorUpAbd				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoTorAbd				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoAbdomen				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoPelvis				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoLegs				80		80None/None		106		0,01	0,42	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoSpine				120		120None/None		106		0,03	1,57	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoRunoff				80		80None/None		208		0,01	0,84	32	narrow		10,41		6	6	6	0,6				1024		Tr20
	TopoWholeBody				80		80None/None		303		0,01	1,23	32	narrow		15,17		6	6	6	0,6				1500		Tr20
Sn_Topos		Neonate Sn100																									
	TopoHead				140		140TinFilter/None		55		0,04	0,9	16	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoHeadNeck				140		140TinFilter/None		55		0,04	0,9	16	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoNeck				140		140TinFilter/None		55		0,02	0,43	32	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoNeckThor				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoShoulder				100		100TinFilter/None		55				32	narrow		2,73		6	6	6	0,6				256		Tr20
	TopoThorax				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoThorUpAbd				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoTorAbd				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoAbdomen				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoPelvis				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoLegs				100		100TinFilter/None		106				32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoSpine				140		140TinFilter/None		106		0,02	0,87	32	narrow		5,29		6	6	6	0,6				512		Tr20
	TopoRunoff				100		100TinFilter/None		208				32	narrow		10,41		6	6	6	0,6				1024		Tr20
	TopoWholeBody				100		100TinFilter/None		303				32	narrow		15,17		6	6	6	0,6				1500		Tr20

Kernel specification starting with VB10	Kernel specification former software versions	IBHC setting in VB10	Safire/ Admire setting in VB10
Be05f	B08f	none	off
Be05s	B08s	none	off
Be32f	B19f	none	off
Be32s	B19s	none	off
Bf37f	B31f	none	off
Bf37f	I31f	none	on
Bf37s	B31s	none	off
Bf37s	I31s	none	on
Bf39f	B41f	none	off
Bf39f	I41f	none	on
Bf42s	B41s	none	off
Bf42s	I41s	none	on
Bl57f	B80f	none	off
Bl57s	B80s	none	off
Br32f	B10f	none	off
Br32f	B18f	none	off
Br32s	B10s	none	off
Br32s	B18s	none	off
Br34f	B20f	none	off
Br34s	B20s	none	off
Br36f	B22f	none	off
Br36f	B23f	Iodine	off
Br38f	B30f	none	off
Br38f	I30f	none	on
Br38s	B30s	none	off
Br38s	I30s	none	on
Br40f	B40f	none	off
Br40f	B43f	none	off
Br40f	I40f	none	on
Br43s	B40s	none	off
Br43s	I40s	none	on
Br46f	B45f	none	off
Br49s	B45s	none	off
Br51f	B50f	none	off
Br51f	B65f	none	off
Br51f	I50f	none	on
Br54f	I44f	none	on
Br54s	I44s	none	on
Br57s	B50s	none	off
Br57s	B65s	none	off
Br57s	I50s	none	on
Br58f	B60f	none	off
Br59f	B70f	none	off
Br59f	I70f	none	on
Br60s	B60s	none	off
Br62s	B70s	none	off

Kernel specification starting with VB10	Kernel specification former software versions	IBHC setting in VB10	Safire/ Admire setting in VB10
Br62s	I70h	none	on
Bv38f	B25f	none	off
Bv38f	B26f	none	off
Bv38f	B47f	none	off
Bv38f	I26f	none	on
Bv40s	B25s	none	off
Bv40s	B26s	none	off
Bv40s	B47s	none	off
Bv40s	I26s	none	on
Bv41f	B36f	none	off
Bv41f	I36f	none	on
Bv41s	B36s	none	off
Bv41s	I36s	none	on
Bv45f	B46f	none	off
Bv45f	I46f	none	on
Bv49s	B46s	none	off
Bv49s	I46s	none	on
Bv58f	B75f	none	off
Bv66h	B75h	none	off
Hc40f	H37f	Bone	off
Hc40f	J37f	Bone	on
Hc40s	H37s	Bone	off
Hc40s	J37s	Bone	on
Hc44f	H47f	Bone	off
Hc44s	H47s	Bone	off
Hc45f	H48f	Bone	off
Hc45s	H48s	Bone	off
He05f	H08f	Bone	off
He05s	H08s	Bone	off
He32f	H19f	Bone	off
He32s	H19s	Bone	off
Hf35f	H21f	Bone	off
Hf35s	H21s	Bone	off
Hf38f	H31f	Bone	off
Hf38s	H31s	Bone	off
Hf39f	H41f	Bone	off
Hf39s	H41s	Bone	off
Hp38f	C30f	none	off
Hp38s	C30s	none	off
Hr32f	H10f	Bone	off
Hr32s	H10s	Bone	off
Hr35f	H20f	Bone	off
Hr35f	H22f	none	off
Hr35f	H23f	none	off
Hr35s	H20s	Bone	off
Hr35s	H22s	none	off

Sorted by kernel specification starting with VB10

Kernel specification starting with VB10	Kernel specification former software versions	IBHC setting in VB10	Safire/ Admire setting in VB10
Hr35s	H23s	none	off
Hr38f	H30f	Bone	off
Hr38f	H32f	none	off
Hr38f	J30f	Bone	on
Hr38s	H30s	Bone	off
Hr38s	H32s	none	off
Hr38s	J30s	Bone	on
Hr40f	H40f	Bone	off
Hr40f	H42f	none	off
Hr40f	J40f	Bone	on
Hr40s	H40s	Bone	off
Hr40s	H42s	none	off
Hr40s	J40s	Bone	on
Hr44f	H45f	Bone	off
Hr44f	J45f	Bone	on
Hr44s	H45s	Bone	off
Hr44s	J45s	Bone	on
Hr45f	H50f	Bone	off
Hr45s	H50s	Bone	off
Hr56f	H60f	none	off
Hr60s	H60s	none	off
Hr68h	H70h	none	off
Hr68h	J70h	none	on
Or37f	S80f	none	off
Or44s	S80s	none	off
Qr32f	D10f	none	off
Qr32s	D10s	none	off
Qr36f	B35f	none	off
Qr36f	D20f	none	off
Qr36f	D23f	Iodine	off
Qr36f	D24f	Bone	off
Qr36f	I35f	none	on
Qr36s	B35s	none	off
Qr36s	D20s	none	off
Qr36s	D23s	Iodine	off
Qr36s	D24s	Bone	off
Qr36s	I35s	none	on
Qr40f	D30f	none	off
Qr40f	D33f	Iodine	off
Qr40f	D34f	Bone	off
Qr40f	Q30f	none	on
Qr40f	Q33f	Iodine	on
Qr40f	Q34f	Bone	on
Qr40s	D30s	none	off
Qr40s	D33s	Iodine	off
Qr40s	D34s	Bone	off

Kernel specification starting with VB10	Kernel specification former software versions	IBHC setting in VB10	Safire/ Admire setting in VB10
Qr40s	Q30s	none	on
Qr40s	Q33s	Iodine	on
Qr40s	Q34s	Bone	on
Qr43f	D40f	none	off
Qr43f	Q40f	none	on
Qr43s	D40s	none	off
Qr43s	Q40s	none	on
Qr49f	D45f	none	off
Qr49s	D45s	none	off
Qr51f	D50f	none	off
Qr51s	D50s	none	off
Qr61s	D60s	none	off
Qv40f	D26f	none	off
Qv40s	D26s	none	off
Qv43f	D36f	none	off
Qv43s	D36s	none	off
Sb49f	I49f	none	on
Sb49s	I49s	none	on
Sd40f	E30f	eDDensity	off
Sd40f	F30f	eDDensity	on
Sd40s	E30s	eDDensity	off
Sd40s	F30s	eDDensity	on
Sh49f	J49f	none	on
Sh49s	J49s	none	on
Tr10f	T10f	none	off
Tr10f	T10s	none	off
Tr20f	T20f	none	off
Tr20f	T20s	none	off
Tr60f	T80f	none	off
Tr60f	T80s	none	off
Tr80f	T90f	none	off
Tr80f	T90s	none	off
Tx20f	T21f	none	off
Tx20f	T21s	none	off
Tx60f	T81f	none	off
Tx60f	T81s	none	off
Ur38u	U30u	none	off
Ur44u	U40u	none	off
Ur68u	U70u	none	off
Ur70u	U75u	none	off
Ur70u	U80u	none	off
Ur70u	V80u	none	on
Ur77u	U90u	none	off
Ur77u	V90u	none	on
Ur80u	U95u	none	off

Kernel specification former software versions	Kernel specification starting with VB10	IBHC setting in VB10	Safire/ Admire setting in VB10
B08f	Be05f	none	off
B08s	Be05s	none	off
B10f	Br32f	none	off
B10s	Br32s	none	off
B18f	Br32f	none	off
B18s	Br32s	none	off
B19f	Be32f	none	off
B19s	Be32s	none	off
B20f	Br34f	none	off
B20s	Br34s	none	off
B22f	Br36f	none	off
B23f	Br36f	Iodine	off
B25f	Bv38f	none	off
B25s	Bv40s	none	off
B26f	Bv38f	none	off
B26s	Bv40s	none	off
B30f	Br38f	none	off
B30s	Br38s	none	off
B31f	Bf37f	none	off
B31s	Bf37s	none	off
B35f	Qr36f	none	off
B35s	Qr36s	none	off
B36f	Bv41f	none	off
B36s	Bv41s	none	off
B40f	Br40f	none	off
B40s	Br43s	none	off
B41f	Bf39f	none	off
B41s	Bf42s	none	off
B43f	Br40f	none	off
B45f	Br46f	none	off
B45s	Br49s	none	off
B46f	Bv45f	none	off
B46s	Bv49s	none	off
B47f	Bv38f	none	off
B47s	Bv40s	none	off
B50f	Br51f	none	off
B50s	Br57s	none	off
B60f	Br58f	none	off
B60s	Br60s	none	off
B65f	Br51f	none	off
B65s	Br57s	none	off
B70f	Br59f	none	off
B70s	Br62s	none	off
B75f	Bv58f	none	off
B75h	Bv66h	none	off
B80f	Bl57f	none	off

Kernel specification former software versions	Kernel specification starting with VB10	IBHC setting in VB10	Safire/ Admire setting in VB10
B80s	Bl57s	none	off
C30f	Hp38f	none	off
C30s	Hp38s	none	off
D10f	Qr32f	none	off
D10s	Qr32s	none	off
D20f	Qr36f	none	off
D20s	Qr36s	none	off
D23f	Qr36f	Iodine	off
D23s	Qr36s	Iodine	off
D24f	Qr36f	Bone	off
D24s	Qr36s	Bone	off
D26f	Qv40f	none	off
D26s	Qv40s	none	off
D30f	Qr40f	none	off
D30s	Qr40s	none	off
D33f	Qr40f	Iodine	off
D33s	Qr40s	Iodine	off
D34f	Qr40f	Bone	off
D34s	Qr40s	Bone	off
D36f	Qv43f	none	off
D36s	Qv43s	none	off
D40f	Qr43f	none	off
D40s	Qr43s	none	off
D45f	Qr49f	none	off
D45s	Qr49s	none	off
D50f	Qr51f	none	off
D50s	Qr51s	none	off
D60s	Qr61s	none	off
E30f	Sd40f	eDDensity	off
E30s	Sd40s	eDDensity	off
F30f	Sd40f	eDDensity	on
F30s	Sd40s	eDDensity	on
H08f	He05f	Bone	off
H08s	He05s	Bone	off
H10f	Hr32f	Bone	off
H10s	Hr32s	Bone	off
H19f	He32f	Bone	off
H19s	He32s	Bone	off
H20f	Hr35f	Bone	off
H20s	Hr35s	Bone	off
H21f	Hf35f	Bone	off
H21s	Hf35s	Bone	off
H22f	Hr35f	none	off
H22s	Hr35s	none	off
H23f	Hr35f	none	off
H23s	Hr35s	none	off

Kernel specification former software versions	Kernel specification starting with VB10	IBHC setting in VB10	Safire/ Admire setting in VB10
H30f	Hr38f	Bone	off
H30s	Hr38s	Bone	off
H31f	Hf38f	Bone	off
H31s	Hf38s	Bone	off
H32f	Hr38f	none	off
H32s	Hr38s	none	off
H37f	Hc40f	Bone	off
H37s	Hc40s	Bone	off
H40f	Hr40f	Bone	off
H40s	Hr40s	Bone	off
H41f	Hf39f	Bone	off
H41s	Hf39s	Bone	off
H42f	Hr40f	none	off
H42s	Hr40s	none	off
H45f	Hr44f	Bone	off
H45s	Hr44s	Bone	off
H47f	Hc44f	Bone	off
H47s	Hc44s	Bone	off
H48f	Hc45f	Bone	off
H48s	Hc45s	Bone	off
H50f	Hr45f	Bone	off
H50s	Hr45s	Bone	off
H60f	Hr56f	none	off
H60s	Hr60s	none	off
H70h	Hr68h	none	off
I26f	Bv38f	none	on
I26s	Bv40s	none	on
I30f	Br38f	none	on
I30s	Br38s	none	on
I31f	Bf37f	none	on
I31s	Bf37s	none	on
I35f	Qr36f	none	on
I35s	Qr36s	none	on
I36f	Bv41f	none	on
I36s	Bv41s	none	on
I40f	Br40f	none	on
I40s	Br43s	none	on
I41f	Bf39f	none	on
I41s	Bf42s	none	on
I44f	Br54f	none	on
I44s	Br54s	none	on
I46f	Bv45f	none	on
I46s	Bv49s	none	on
I49f	Sb49f	none	on
I49s	Sb49s	none	on
I50f	Br51f	none	on

Kernel specification former software versions	Kernel specification starting with VB10	IBHC setting in VB10	Safire/ Admire setting in VB10
I50s	Br57s	none	on
I70f	Br59f	none	on
I70h	Br62s	none	on
J30f	Hr38f	Bone	on
J30s	Hr38s	Bone	on
J37f	Hc40f	Bone	on
J37s	Hc40s	Bone	on
J40f	Hr40f	Bone	on
J40s	Hr40s	Bone	on
J45f	Hr44f	Bone	on
J45s	Hr44s	Bone	on
J49f	Sh49f	none	on
J49s	Sh49s	none	on
J70h	Hr68h	none	on
Q30f	Qr40f	none	on
Q30s	Qr40s	none	on
Q33f	Qr40f	Iodine	on
Q33s	Qr40s	Iodine	on
Q34f	Qr40f	Bone	on
Q34s	Qr40s	Bone	on
Q40f	Qr43f	none	on
Q40s	Qr43s	none	on
S80f	Or37f	none	off
S80s	Or44s	none	off
T10f	Tr10f	none	off
T20f	Tr20f	none	off
T21f	Tx20f	none	off
T80f	Tr60f	none	off
T81f	Tx60f	none	off
T90f	Tr80f	none	off
T10s	Tr10f	none	off
T20s	Tr20f	none	off
T21s	Tx20f	none	off
T80s	Tr60f	none	off
T81s	Tx60f	none	off
T90s	Tr80f	none	off
U30u	Ur38u	none	off
U40u	Ur44u	none	off
U70u	Ur68u	none	off
U75u	Ur70u	none	off
U80u	Ur70u	none	off
U90u	Ur77u	none	off
U95u	Ur80u	none	off
V80u	Ur70u	none	on
V90u	Ur77u	none	on

Sorted by kernel specification of former software versions

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)).

The original language of this document is English.

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