

Reference Protocol Guide

5445004-1EN

Revision: 1

GE Hangwei Medical Systems does business as GE Healthcare

This Manual Supports the Following Product Names:

LightSpeed Plus

LightSpeed Ultra

LightSpeed¹⁶



LightSpeed™ Series

Reference Protocols, English

5445004-1EN

Revision: 1

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Revision History

Revision History

REV	DATE	REASON FOR CHANGE
1	September 2012	First Release

Purpose

Purpose

This document provides a listing of the parameters provided in the reference protocols contained under the GE tab selector. Each table lists the Protocol Number, Protocol Name, Post Processing software associated with, Scan Type, SFOV, Pitch/Table Speed/Row, Gantry Rotation Time, Slice Thickness, Beam Collimation, kV, mA/AVG mA/Min-Max mA/Noise Index, CTDIvol, Recon Algorithm Type used, Scan Length, DLP (mGy-cm) and Phantom type used.

If the ASiR option is installed on the system, then there will be a % ASiR column listed in the table indicating the ASiR value in the reference protocol.

Manual mA mode allows you to scan without enabling AutomA mode. When building protocols, make sure the mA value field contains a reasonable mA value in the event that AutomA is turned off. In the GE reference protocols, the Average (Avg) mA provided in the tables within this document are what is used in calculating the CTDI and DLP for protocols using AutomA or SmartmA. The Avg mA value provided in the table is an estimate based on an average patient size (32- 36 cm). The actual average mA for each image is calculated by using all of the mA values for each scan rotation, as determined by AutomA for the patient. The AutomA Theory section in the Learning and Reference Guide, Building Protocols Chapter and in the Technical Reference Manual, General Information Chapter details how AutomA does this calculation.

16 Slice Systems

- LightSpeed¹⁶
- LightSpeed¹⁶ with ASiR

8 Slice Systems

- LightSpeed Ultra

4 Slice Systems

- LightSpeed Plus 90kVA
- LightSpeed Plus 75kVA

LightSpeed¹⁶

Head

Table 2-1

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
21.1	Routine Head		Axial	Head	4i	2.00	2.5	10.00	140	160	Std	91.20	364.81	37.50	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.1	Routine Head		Axial	Head	2i	2.00	5	10.00	140	140	Std	79.80	638.41	75.00	Head 16	Routine Head protocol for the brain abnormalities evaluation.
21.2	Routine Head SmartmA		Axial	Head	4i	2.00	2.5	10.00	140	SmartmA 50-200mA NI=2.80 Avg mA= 160	Std	91.20	364.81	37.50	Head 16	Routine Head protocol for the brain abnormalities evaluation with SmartmA.
21.2	Routine Head SmartmA		Axial	Head	2i	2.00	5	10.00	140	SmartmA 50-200mA NI=2.80 Avg mA= 140	Std	79.80	638.41	75.00	Head 16	Routine Head protocol for the brain abnormalities evaluation with SmartmA.
21.3	Trauma Head		Axial	Head	2i	1.00	5	10.00	140	180	Std	55.96	671.53	115.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
21.4	Trauma Head SmartmA		Axial	Head	2i	1.00	5	10.00	140	SmartmA 100-380mA NI=2.80 Avg mA= 180	Std	55.96	671.53	115.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with SmartmA.
21.5	Circle of Willis 0.8 sec.		Helical	Head	0.562 5.625	0.80	0.625	10.00	120	340	Std	110.28	1017.03	80.00	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.6	Circle of Willis 0.6 sec.		Helical	Head	0.562 5.625	0.60	0.625	10.00	120	420	Std	102.17	942.43	80.00	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.7	CT Perfusion 300 Strength	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	140	Std	60.08	300.42	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.7	CT Perfusion 300 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	636.28	1272.56	15.00	Head 16	Cerebral blood flow perfusion evaluation.
21.8	CT Perfusion 370 Strength	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	140	Std	60.08	300.42	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.8	CT Perfusion 370 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	572.66	1145.33	15.00	Head 16	Cerebral blood flow perfusion evaluation.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
21.9	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	140	Std	60.08	300.42	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for tumor.
21.9	CT Perfusion Brain Tumor	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	636.28	1272.56	15.00	Head 16	Cerebral blood flow perfusion evaluation for tumor.
21.10	Helical Head		Helical	Head	0.562 5.625	1.00	5	10.00	120	340	Std	137.85	878.42	45.00	Head 16	Helical scan mode protocol for the brain abnormalities evaluation

Orbit

Table 2-2

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
22.1	Sinus Supine		Helical	Head	0.562 5.625	1.00	2.5	10.00	120	150	Bone	55.75	723.64	115.00	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.2	Sinus Prone		Helical	Head	0.562 11.25	0.60	2.5	20.00	120	250	Std	49.04	605.32	97.50	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Prone scan
22.3	Orbits Helical		Helical	Head	0.562 5.625	0.80	2.5	10.00	120	160	Std	47.57	451.08	80.00	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.4	Axial IAC 0.625mm(Cor & Axial Planes)		Axial	Head	16i	2.00	0.625	10.00	120	150	Std	62.72	250.88	39.38	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.4	Axial IAC 0.625mm(Cor & Axial Planes)		Axial	Head	16i	2.00	0.625	10.00	120	150	Std	62.72	250.88	39.38	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Helical IAC 0.625mm(Cor & Axial Planes)		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	260	Std	143.70	732.27	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
22.5	Helical IAC 0.625mm (Cor & Axial Planes)		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	260	Std	143.70	714.31	37.50	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.6	Helical IAC 0.625mm Axial only use Reformat for Coronal		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	260	Std	143.7	732.27	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.7	Helical IAC 1.25mm Axial only use Reformat for Coronal		Helical	Head	0.562 5.625	1.00	1.25	10.00	140	120	Std	60.80	316.5	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Neck

Table 2-3

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
23.1	C-Spine C5-C7		Axial	Large	8i	2.00	2.5	20.00	140	170	Std	43.70	611.79	137.50	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with SmartmA.
23.2	C-Spine C1-C4		Axial	Large	8i	2.00	2.5	20.00	120	120	Std	22.42	179.39	77.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities.
23.3	C-Spine C1-C4 SmartmA		Axial	Large	8i	2.00	2.5	20.00	120	SmartmA 50-200mA NI=9.10 Avg mA= 120	Std	22.42	179.39	77.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with SmartmA.
23.4	Carotid/CoW 0.8 sec.		Helical	Large	1.375 13.75	0.80	1.25	10.00	120	245	Std	16.38	303.23	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.5	Carotid/CoW 0.6 sec.		Helical	Large	1.375 13.75	0.60	1.25	10.00	120	325	Std	16.29	301.75	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
23.6	Carotid/CoW 0.625mm 0.6 sec.		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	315	Std	21.73	399.98	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.7	Soft Tissue Neck Plus Mode		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	290	Std	19.39	329.01	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.
23.8	Soft Tissue Neck Plus Mode 0.6 SmartmA		Helical	Large	1.375 13.75	0.60	3.75	10.00	120	SmartmA 100-440mA NI=7.02 Avg mA= 380	Std	19.05	323.42	150.00	Body 32	Evaluation of the cervical soft tissue abnormality with SmartmA.
23.9	Soft Tissue Neck 0.8 sec. Full Mode		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	310	Std	20.72	349.27	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.
23.10	Soft Tissue Neck 0.6 sec. Full Mode		Helical	Large	1.375 13.75	0.60	3.75	10.00	120	410	Std	20.55	346.54	150.00	Body 32	Evaluation of the cervical soft tissue abnormality

Shoulder

Table 2-4

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
24.1	Shoulder Plus Mode		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	280	Std	46.05	583.60	100.00	Body 32	Evaluation of soft tissue and bone structure of shoulder .

Chest

Table 2-5

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.1	Routine Chest 0.8 sec.		Helical	Large	1.375 27.5	0.80	5	20.00	120	170	Std	9.24	215.81	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.2	Routine Chest 0.5 sec.		Helical	Large	1.375 27.5	0.50	5	20.00	120	260	Std	8.75	204.39	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec.
25.3	Routine Chest 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 100-440mA NI=11.57 Avg mA= 260	Std	8.75	204.39	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec with SmartmA.
25.4	Chest with HiRes 0.8 sec.		Helical	Large	1.375 13.75	0.80	5	10.00	120	200	Chest /bone plus	12.16	268.29	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.5	Chest with HiRes 0.5 sec.		Helical	Large	1.375 13.75	0.50	5	10.00	120	260	Chest /bone plus	10.86	239.67	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.6	Chest with HiRes 0.5 sec. SmartmA		Helical	Large	1.375 13.75	0.50	5	10.00	120	SmartmA 100-440mA NI=10.41 Avg mA= 260	Chest /bone plus	10.86	239.67	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode with SmartmA.
25.7	Hi Res Chest 1.0 Sec.		Axial	Large	1i	1.00	1.25	1.25	120	200	Bone Plus	2.93	73.33	240.00	Body 32	Evaluation of lung tissue in high resolution mode, 1.0sec.
25.8	Chest Abd Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	130	Std	7.07	129.69	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.8	Chest Abd Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	155	Std	8.43	276.81	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.9	Chest Abd Pelvis 0.5 sec. Full Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	200	Std	6.80	124.82	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.9	Chest Abd Pelvis 0.5 sec. Full Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	245	Std	8.24	270.89	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.10	Chest Abd Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 100-440mA NI=11.57 Avg mA= 130	Std	7.07	129.69	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.10	Chest Abd Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 100-440mA NI=11.57 Avg mA= 130	Std	7.07	232.16	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.11	Chest Abd Pelvis 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 100-440mA NI=11.57 Avg mA= 210	Std	7.06	129.76	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.11	Chest Abd Pelvis 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 100-440mA NI=11.57 Avg mA= 210	Std	7.06	232.19	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.12	Chest Abd Pelvis 0.8 sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.80	1.25	20.00	120	SmartmA 100-440mA NI=23.14 Avg mA= 230	Std	9.73	465.04	450.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.13	Chest Abd Pelvis 0.5 sec. SmartmA 1.25mm IQE/DMPR		Helical	Large	1.75 35	0.50	1.25	20.00	120	SmartmA 100-440mA NI=23.14 Avg mA= 360	Std	9.52	455.13	450.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.14	Chest Abd Pelvis 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	130	Std	7.07	130.66	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.14	Chest Abd Pelvis 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	175	Std	9.51	313.83	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.15	Chest Abd Pelvis 0.5 sec. Plus Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	210	Std	7.06	130.73	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.15	Chest Abd Pelvis 0.5 sec. Plus Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	280	Std	9.42	310.88	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.16	Chest Abd Pelvis 0.625mm Retro 0.5 sec. Full Mode		Helical	Large	1.375 13.75	0.50	5	10.00	120	240	Std	10.03	171.10	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.16	Chest Abd Pelvis 0.625mm Retro 0.5 sec. Full Mode		Helical	Large	1.375 13.75	0.50	5	10.00	120	325	Std	13.58	428.58	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.17	Pulmonary Embolis 0.8 sec		Helical	Large	1.375 13.75	0.80	1.25	10.00	120	340	Std	22.73	442.39	180.00	Body 32	Evaluation for pulmonary embolism, 0.8sec.
25.18	Pulmonary Embolis 0.5 sec. Plus Mode		Helical	Large	1.375 13.75	0.50	1.25	10.00	120	360	Std	15.04	293.64	180.00	Body 32	Evaluation for pulmonary embolism, 0.5sec.
25.19	Aortic Dissection 0.625mm Full Mode		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	360	Std	26.21	686.62	248.62	Body 32	Evaluation for aortic dissection with SmartPrep, 0.625mm.
25.20	Aortic Dissection 1.25mm Full Mode		Helical	Large	1.375 13.75	0.60	1.25	10.00	140	340	Std	23.45	617.76	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.21	Aortic Dissection 1.25mm Fast Full Mode		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	340	Std	18.88	520.11	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.22	Aortic Dissection 0.625mm Plus Mode		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	290	Std	20.00	525.48	248.62	Body 32	Evaluation for aortic dissection with SmartPrep, 0.625mm.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.23	Aortic Dissection 1.25mm Plus Mode		Helical	Large	1.375 13.75	0.60	1.25	10.00	140	280	Std	19.31	509.72	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.24	Aortic Dissection 1.25mm Fast Plus Mode		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	300	Std	16.66	461.38	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.25	Lung Assessment		Helical	Large	0.562 5.625	0.50	0.625	10.00	120	155	Bone	14.40	304.24	200.00	Body 32	Helical scan mode for acquisition of data for lung nodule assessment with Advanced Lung Analysis (ALA)
25.26	SmartScore Gated 0.5 Sec		Cine	Large	8i	0.50	2.5	20.00	120	300	Std	9.44	113.23	117.50	Body 32	ECG gated scan for cardiovascular calcification evaluation.
25.27	SnapShot Segment 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	97.71	198.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.
25.27	SnapShot Segment 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.27	SnapShot Segment 0.625mm		Cardiac Segment	Large	0.25 2.5	0.50	0.625	10.00	120	370	Std	85.02	924.57	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.28	SnapShot Segment 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	23.79	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.28	SnapShot Segment 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.28	SnapShot Segment 1.25mm		Cardiac Segment	Large	0.25 5	0.50	1.25	10.00	120	300	Std	55.50	652.18	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.29	SnapShot Burst 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	23.79	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.
25.29	SnapShot Burst 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.29	SnapShot Burst 0.625mm		Cardiac Burst	Large	0.3 3	0.50	0.625	10.00	120	370	Std	70.85	770.48	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.30	SnapShot Burst 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	23.79	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.
25.30	SnapShot Burst 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.30	SnapShot Burst 1.25mm		Cardiac Burst	Large	0.3 6	0.50	1.25	10.00	120	300	Std	46.25	543.48	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.31	SnapShot Burst Plus 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	23.79	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
25.31	SnapShotBurst Plus 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.31	SnapShotBurst Plus 0.625mm		Cardiac Burst +	Large	0.3 3	0.50	0.625	10.00	120	370	Std	70.85	1124.72	150.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.32	SnapShotBurst Plus 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	150	Std	4.48	23.79	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.
25.32	SnapShotBurst Plus 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.32	SnapShotBurst Plus 1.25mm		Cardiac Burst +	Large	0.3 6	0.50	1.25	10.00	120	300	Std	46.25	774.75	150.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.33	SmartScore Ungated 0.5sec	SmartScore	Cine Segment	Large	8i	0.50	2.5	20.00	120	300	Std	28.86	346.35	117.50	Body 32	Cardiovascular calcification evaluation.
25.34	Advantage 4D	Advantage 4D	Helical	Large	1.375 27.5	1.00	5	20.00	120	170	Std	11.55	269.66	200.00	Body 32	helical scan of lesion localization for radiology therapy plan.
25.34	Advantage 4D	Advantage 4D	Cine Full	Large	4i	1.00	2.5	10.00	120	100	Std	21.01	315.17	147.50	Body 32	cine scan of lesion localization for radiology therapy plan.

Abdomen

Table 2-6

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.1	Abdomen Pelvis 0.8sec.		Helical	Large	1.375 27.5	0.8	5	20.00	120	225.00	Std	12.11	525	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.2	Abdomen Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.8	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA=225	Std	12.11	525	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.3	Abdomen Pelvis 0.6sec.		Helical	Large	1.375 27.5	0.6	5	20.00	120	300.00	Std	12.11	525.1	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.4	Abdomen Pelvis 0.6 sec. SmartmA		Helical	Large	1.375 27.5	0.6	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 300	Std	12.11	525.1	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.5	Abdomen Pelvis 0.8sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.8	1.25	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA=225	Std	9.52	407.36	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.6	Abdomen Pelvis 0.6sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.6	1.25	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA= 300	Std	9.52	407.46	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.7	Abdomen Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.8	5	20.00	120	225.00	Std	12.11	525	400.00	Body 32	Evaluation for abdominal abnormalities.
26.8	Abdomen Pelvis 0.8 sec. Full Mode SmartmA		Helical	Large	1.375 27.5	0.8	5	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA=225	Std	12.11	525	400.00	Body 32	Evaluation for abdominal abnormalities.
26.9	Abdomen Pelvis 0.6 sec. Full Mode		Helical	Large	1.375 27.5	0.6	5	20.00	120	300	Std	12.11	525.1	400.00	Body 32	Evaluation for abdominal abnormalities.
26.10	Abdomen Pelvis 0.6 sec. Full Mode SmartmA		Helical	Large	1.375 27.5	0.6	5	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA=225	Std	9.08	393.83	400.00	Body 32	Evaluation for abdominal abnormalities.
26.11	Abdomen Pelvis 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.8	5	20.00	120	175	Std	9.51	413.72	400.00	Body 32	Evaluation for abdominal abnormalities.
26.12	Abdomen Pelvis 0.8 sec. Plus Mode SmartmA		Helical	Large	1.375 27.5	0.8	5	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA=175	Std	9.51	413.72	400.00	Body 32	Evaluation for abdominal abnormalities.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.13	Abdomen Pelvis 0.6 sec. Plus Mode		Helical	Large	1.375 27.5	0.6	5	20.00	120	230	Std	9.28	403.85	400.00	Body 32	Evaluation for abdominal abnormalities.
26.14	Abdomen Pelvis 0.6 sec. Plus Mode SmartmA		Helical	Large	1.375 27.5	0.8	5	20.00	120	SmartmA 50-440mA NI=23.14 Avg mA=230	Std	9.28	403.85	400.00	Body 32	Evaluation for abdominal abnormalities.
26.15	Renal Stone 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 220	Std	11.84	513.33	400.00	Body 32	Evaluation of kidney for renal stones with SmartmA.
26.16	Renal Stone 0.6 sec. SmartmA		Helical	Large	1.375 27.5	0.60	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 300	Std	12.11	525.10	400.00	Body 32	Evaluation of kidney for renal stones with SmartmA.
26.17	Renal Stone 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	210	Std	11.30	490.00	400.00	Body 32	Evaluation of kidney for renal stones.
26.18	Renal Stone 0.6 sec. Full Mode		Helical	Large	1.375 27.5	0.60	5	20.00	120	300	Std	12.11	525.10	400.00	Body 32	Evaluation of kidney for renal stones.
26.19	Renal Stone 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	200	Std	10.87	472.82	400.00	Body 32	Evaluation of kidney for renal stones.
26.20	Renal Stone 0.6 sec. Plus Mode		Helical	Large	1.375 27.5	0.60	5	20.00	120	260	Std	10.50	456.52	400.00	Body 32	Evaluation of kidney for renal stones.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.21	Grand Trauma SmartmA Plus Mode		Helical	Large	1.375 27.5	0.60	3.75	20.00	120	SmartmA 50-440mA NI=11.73 Avg mA= 270	Std	10.90	636.46	551.25	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation with SmartmA.
26.22	Grand Trauma Plus Mode		Helical	Large	1.375 27.5	0.60	3.75	20.00	120	270	Std	10.90	636.46	551.25	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation.
26.23	AAA 0.625mm D3D		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	380	Std	26.21	845.85	309.38	Body 32	Evaluation for abdominal aortic aneurysm.
26.24	AAA 1.25mm D3D		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	300	Std	16.66	710.88	400.00	Body 32	Evaluation for abdominal aortic aneurysm.
26.25	AAA 1.25mm Fast IQE/D3D		Helical	Large	1.75 35	0.60	1.25	20.00	140	345	Std	15.05	644.58	400.00	Body 32	Evaluation for abdominal aortic aneurysm.
26.26	Dual Liver		Helical	Large	1.375 27.5	0.80	5	20.00	120	200	Std	10.87	179.27	130.00	Body 32	Non contrast of upper abdominal structures for liver.
26.26	Dual Liver		Helical	Large	1.375 13.75	0.60	2.5	10.00	120	330	Std	16.54	242.62	130.00	Body 32	Arterial phase for the evaluation of liver with contrast medium enhancement.
26.26	Dual Liver		Helical	Large	1.375 13.75	0.60	5	10.00	120	250	Std	12.53	527.16	400.00	Body 32	Venous phase for the evaluation of liver with contrast medium enhancement.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	5	10.00	120	220	Std	14.71	134.91	70.00	Body 32	Non contrast of upper abdominal structures for pancreas.
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	2.5	10.00	120	330	Std	22.06	367.52	150.00	Body 32	Arterial phase for the evaluation of pancreas with contrast medium enhancement.
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	5	10.00	120	260	Std	17.38	591.89	320.00	Body 32	Venous phase for the evaluation of pancreas with contrast medium enhancement.
26.28	CT Perfusion Body Tumor	CT Perfusion	Helical	Large	1.35 13.5	0.80	5	10.00	120	140	Std	8.84	107.72	100.00	Body 32	Non-Enhance abdominal scan.
26.28	CT Perfusion Body Tumor	CT Perfusion	Cine	Large	4i	1.00	5	20.00	120	200	Std	890.05	1780.11	15.00	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.
26.29	CT Colonography	Advantage CTC	Helical	Large	1.375 27.5	0.50	1.25	20.00	120	120	Std	4.08	174.01	400.00	Body 32	Helical scan mode Supine acquisition for using in CT Colonography for evaluation of the colon.
26.29	CT Colonography	Advantage CTC	Helical	Large	1.375 27.5	0.50	1.25	20.00	120	120	Std	4.08	174.01	400.00	Body 32	Helical scan mode Supine acquisition for using in CT Colonography for evaluation of the colon.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mG y-cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
26.30	Runoff 2.5mm		Helical	Large	1.375 27.5	0.60	2.5	20.00	140	290	Std	16.10	1657.98	1000.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities
26.31	Runoff 1.25mm		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	350	Std	19.44	1995.92	998.75	Body 32	Helical scan mode 1.25mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities
26.32	Runoff SmartmA 1.25mm IQE		Helical	Large	1.75 35	0.60	1.25	20.00	140	SmartmA 50-380mA NI=23.14 Avg mA= 350	Std	15.27	1568.24	998.75	Body 32	Helical scan mode 1.25mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities with SmartmA.

L-Spine

Table 2-7

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	120	160	Std	34.10	102.30	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	120	160	Std	34.10	102.30	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	140	180	Std	57.36	172.07	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	120	SmartmA 80-380mA NI=14.27 Avg mA= 320	Std	73.53	220.59	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	120	SmartmA 80-380mA NI=14.27 Avg mA= 320	Std	73.53	220.59	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	140	SmartmA 80-380mA NI=14.27 Avg mA= 360	Std	113.80	341.40	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
27.3	L-Spine Survey		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	300	Std	49.34	990.97	175.00	Body 32	Helical scan mode 2.5mm (1sec), Limited evaluation of lumbar spine
27.4	L-Spine Survey SmartmA		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	SmartmA 100-440mA NI=14.27 Avg mA= 300	Std	49.34	990.97	17.50	Body 32	Helical scan mode 2.5mm (1sec) with SmartmA, imited evaluation of lumbar spine

Pelvis

Table 2-8

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
28.1	Pelvis for Fracture		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	350	Bone	23.40	278.99	100.70	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec).
28.2	Pelvis for Fracture SmartmA		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	SmartmA 100-440mA NI=12.35 Avg mA= 350	Bone	23.40	278.99	10.07	Body 32	Evaluation of pelvis bone structures for fracture with SmartmA,3.75mm(1sec).

Lower Extremity

Table 2-9

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
29.1	Lower Extremity		Helical	Large	0.562 5.625	1.00	0.625	10.00	120	240	Std	49.02	226.42	35.00	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.2	Ankle 1.25 mm		Helical	Large	0.562 5.625	0.80	1.25	10.00	120	60	Std	11.15	53.34	35.00	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.3	Ankle 1.25 mm SmartmA		Helical	Large	0.562 5.625	0.80	1.25	10.00	120	SmartmA 50-200mA NI=19.30 Avg mA= 60	Std	11.15	53.34	35.00	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with SmartmA.
29.4	Ankle 0.625 mm		Helical	Large	0.562 5.625	1.00	0.625	10.00	120	180	Std	33.45	154.51	35.00	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.5	Ankle 0.625 mm SmartmA		Helical	Large	0.562 5.625	1.00	0.625	10.00	120	SmartmA 50-200mA NI=19.89 Avg mA=180	Std	33.45	154.51	35.00	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle with SmartmA.

Pediatric Head

Table 2-10

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
31.1	PED HEAD TO 18 MONTHS		Axial	Ped	2i	1.00	5	10.00	120	120	Std	25.75	309.01	115.00	Head 16	Routine head for infant (up to 18 months) 5mm
31.2	PED HEAD 18 MOS TO 5YRS		Axial	Head	4i	1.00	3.75	15.00	120	170	Std	33.77	405.20	116.25	Head 16	Routine head (1.0sec) for children (18 months to 5 years) 3.75mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	4i	1.00	2.5	10.00	120	230	Std	53.59	107.17	17.50	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	2i	1.00	5	10.00	120	160	Std	34.33	240.34	65.00	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm

Pediatric Chest

Table 2-11

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy- cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
35.1.1	RC 6.0-7.5 kg (13.2-16.5 lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	115	Std	7.77	83.74	75.00	Head 16	Weight and height based routine chest protocol.
35.2.1	RC 7.5-9.5 kg (16.5-20.9lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	125	Std	8.44	91.02	75.00	Head 16	Weight and height based routine chest protocol.
35.3.1	RC 9.5-11.5 kg (20.9-25.4lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	135	Std	9.12	101.72	78.75	Head 16	Weight and height based routine chest protocol.
35.4.1	RC 11.5-14.5kg (25.4-32.0lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	90	Std	3.06	38.24	90.00	Body 32	Weight and height based routine chest protocol.
35.5.1	RC 14.5-18.5kg (32.0-40.8lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	95	Std	3.23	40.37	90.00	Body 32	Weight and height based routine chest protocol.
35.6.1	RC 18.5-22.5kg (40.8-49.6lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	115	Std	3.91	48.86	90.00	Body 32	Weight and height based routine chest protocol.
35.7.1	RC 22.5-31.5kg (49.6-69.5lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	125	Std	4.25	50.99	85.00	Body 32	Weight and height based routine chest protocol.
35.8.1	RC 31.5-40.5kg (69.5-89.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	130	Std	4.42	68.49	120.00	Body 32	Weight and height based routine chest protocol.
35.9.1	RC 40.5- 55.0kg(89.3- 121.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	140	Std	4.76	88.02	150.00	Body 32	Weight and height based routine chest protocol.

Pediatric Abdomen

Table 2-12

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy) w/o ASiR	DLP(mGy -cm) w/o ASiR	Scan Length (mm)	Phantom (cm)	Description
36.1.1	Abd 6.0-7.5 kg (13.2-16.5 lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	160	Std	10.81	120.55	78.75	Body 32	Weight and height based routine abdominal protocol.
36.2.1	Abd 7.5-9.5 kg (16.5-20.9lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	170	Std	11.48	141.01	90.00	Body 32	Weight and height based routine abdominal protocol.
36.3.1	Abd 9.5-11.5 kg (20.9-25.4lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	180	Std	12.16	162.98	101.25	Body 32	Weight and height based routine abdominal protocol.
36.4.1	Abd 11.5-14.5kg (25.4-32.0lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	125	Std	4.25	61.61	110.00	Body 32	Weight and height based routine abdominal protocol.
36.5.1	Abd 14.5-18.5kg (32.0-40.8lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	125	Std	4.25	61.61	110.00	Body 32	Weight and height based routine abdominal protocol.
36.6.1	Abd 18.5-22.5kg (40.8-49.6lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	130	Std	4.42	72.90	130.00	Body 32	Weight and height based routine abdominal protocol.
36.7.1	Abd 22.5-31.5kg (49.6-69.5lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	140	Std	4.76	88.02	150.00	Body 32	Weight and height based routine abdominal protocol.
36.8.1	Abd 31.5-40.5kg (69.5-89.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	150	Std	5.10	94.31	150.00	Body 32	Weight and height based routine abdominal protocol.
36.9.1	Abd 40.5-55.0kg(89.3-121.3lbs)		Helical	Large	1.375 27.5	0.5	5	20.00	120	160	Std	5.44	127.78	200.00	Body 32	Weight and height based routine abdominal protocol.

LightSpeed¹⁶ with ASiR

Head

Table 3-1

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
21.1	Routine Head		Axial	Head	4i	2.00	2.5	10.00	140	100	Std	SS40: Slice	57.00	228.01	37.50	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.1	Routine Head		Axial	Head	2i	2.00	5	10.00	140	85	Std	SS40: Slice	48.45	387.61	75.00	Head 16	Routine Head protocol for the brain abnormalities evaluation.
21.2	Routine Head SmartmA		Axial	Head	4i	2.00	2.5	10.00	140	SmartmA 50-200mA NI=3.52 Avg mA= 100	Std	SS40: Slice	57.00	228.01	37.50	Head 16	Routine Head protocol for the brain abnormalities evaluation with SmartmA.
21.2	Routine Head SmartmA		Axial	Head	2i	2.00	5	10.00	140	SmartmA 50-200mA NI=3.52 Avg mA= 85	Std	SS40: Slice	48.45	387.61	75.00	Head 16	Routine Head protocol for the brain abnormalities evaluation with SmartmA.
21.3	Trauma Head		Axial	Head	2i	1.00	5	10.00	140	110	Std	SS40: Slice	31.35	376.21	115.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.4	Trauma Head SmartmA		Axial	Head	2i	1.00	5	10.00	140	SmartmA 100-380mA NI=3.52 Avg mA= 110	Std	SS40: Slice	31.35	376.21	115.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with SmartmA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
21.5	Circle of Willis 0.8 sec.		Helical	Head	0.562 5.625	0.80	0.625	10.00	120	205	Std	SS40: Slice	66.48	613.21	80.00	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.6	Circle of Willis 0.6 sec.		Helical	Head	0.562 5.625	0.60	0.625	10.00	120	255	Std	SS40: Slice	62.03	572.19	80.00	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.7	CT Perfusion 300 Strength	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	85	Std	SS40: Slice	36.48	182.40	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.7	CT Perfusion 300 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	120	Std	SS40: Slice	381.77	763.53	15.00	Head 16	Cerebral blood flow perfusion evaluation.
21.8	CT Perfusion 370 Strength	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	85	Std	SS40: Slice	36.48	182.40	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.8	CT Perfusion 370 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	120	Std	SS40: Slice	343.60	678.20	15.00	Head 16	Cerebral blood flow perfusion evaluation.
21.9	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2.00	5	10.00	120	85	Std	SS40: Slice	36.48	182.40	45.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for tumor.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
21.9	CT Perfusion Brain Tumor	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	120	Std	SS40: Slice	381.77	763.53	15.00	Head 16	Cerebral blood flow perfusion evaluation for tumor.
21.10	Helical Head		Helical	Head	0.562 5.625	1.00	5	10.00	120	205	Std	SS40: Slice	83.11	529.64	45.00	Head 16	Helical scan mode protocol for the brain abnormalities evaluation

Orbit

Table 3-2

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
22.1	Sinus Supine		Helical	Head	0.562 5.625	1.00	2.5	10.00	120	90	Bone	SS40: Slice	33.45	434.19	115.00	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.2	Sinus Prone		Helical	Head	0.562 11.25	0.60	2.5	20.00	120	150	Std	SS40: Slice	29.72	366.83	97.50	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Prone scan
22.3	Orbits Helical		Helical	Head	0.562 5.625	0.80	2.5	10.00	120	100	Std	SS40: Slice	29.73	281.92	80.00	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
22.4	Axial IAC 0.625mm (Cor & Axial Planes)		Axial	Head	16i	2.00	0.625	10.00	120	90	Std	SS40: Slice	37.63	150.53	39.38	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.4	Axial IAC 0.625mm (Cor & Axial Planes)		Axial	Head	16i	2.00	0.625	10.00	120	90	Std	SS40: Slice	37.63	150.53	39.38	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Helical IAC 0.625mm (Cor & Axial Planes)		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	160	Std	SS40: Slice	81.07	413.11	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Helical IAC 0.625mm (Cor & Axial Planes)		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	160	Std	SS40: Slice	81.07	402.97	37.50	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.6	Helical IAC 0.625mm Axial only use Reformat for Coronal		Helical	Head	0.562 5.625	1.00	0.625	10.00	140	160	Std	SS40: Slice	81.07	413.11	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.7	Helical IAC 1.25mm Axial only use Reformat for Coronal		Helical	Head	0.562 5.625	1.00	1.25	10.00	140	70	Std	SS40: Slice	35.47	184.63	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Neck

Table 3-3

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
23.1	C-Spine C5-C7		Axial	Large	8i	2.00	2.5	20.00	140	105	Std	SS40: Slice	26.99	377.87	137.50	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with SmartmA.
23.2	C-Spine C1-C4		Axial	Large	8i	2.00	2.5	20.00	120	75	Std	SS40: Slice	14.01	112.12	77.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities.
23.3	C-Spine C1-C4 SmartmA		Axial	Large	8i	2.00	2.5	20.00	120	SmartmA 50-200mA NI=11.52 Avg mA= 75	Std	SS40: Slice	14.01	112.12	77.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with SmartmA.
23.4	Carotid/CoW 0.8 sec.		Helical	Large	1.375 13.75	0.80	1.25	10.00	120	150	Std	SS40: Slice	9.12	168.91	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.5	Carotid/CoW 0.6 sec.		Helical	Large	1.375 13.75	0.6	1.25	10.00	120	195	Std	SS40: Slice	8.89	164.73	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.6	Carotid/CoW 0.625mm 0.6 sec.		Helical	Large	1.375 13.75	0.6	0.625	10.00	140	190	Std	SS40: Slice	13.1	241.26	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.7	Soft Tissue Neck Plus Mode		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	175	Std	SS40: Slice	10.64	180.64	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
23.8	Soft Tissue Neck Plus Mode 0.6 SmartmA		Helical	Large	1.375 13.75	0.60	3.75	10.00	120	SmartmA 100-440mA NI=8.89 Avg mA= 230	Std	SS40: Slice	11.53	195.75	150.00	Body 32	Evaluation of the cervical soft tissue abnormality with SmartmA.
23.9	Soft Tissue Neck 0.8 sec. Full Mode		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	190	Std	SS40: Slice	11.56	194.77	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.
23.10	Soft Tissue Neck 0.6 sec. Full Mode		Helical	Large	1.375 13.75	0.60	3.75	10.00	120	250	Std	SS40: Slice	12.53	211.30	150.00	Body 32	Evaluation of the cervical soft tissue abnormality

Shoulder

Table 3-4

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
24.1	Shoulder Plus Mode		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	170	Std	SS40: Slice	28.24	357.87	100.00	Body 32	Evaluation of soft tissue and bone structure of shoulder .

Chest

Table 3-5

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.1	Routine Chest 0.8 sec.		Helical	Large	1.375 27.5	0.80	5	20.00	120	105	Std	SS40: Slice	5.71	133.29	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.2	Routine Chest 0.5 sec.		Helical	Large	1.375 27.5	0.50	5	20.00	120	160	Std	SS40: Slice	5.44	127.04	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec.
25.3	Routine Chest 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA=160	Std	SS40: Slice	5.44	127.04	200.00	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec with SmartmA.
25.4	Chest with HiRes 0.8 sec.		Helical	Large	1.375 13.75	0.80	5	10.00	120	120	Chest/ bone plus	SS40: Slice	7.30	160.97	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.5	Chest with HiRes 0.5 sec.		Helical	Large	1.375 13.75	0.50	5	10.00	120	160	Chest/ bone plus	SS40: Slice	6.08	134.20	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.6	Chest with HiRes 0.5 sec. SmartmA		Helical	Large	1.375 13.75	0.50	5	10.00	120	SmartmA 100-440mA NI=13.01 Avg mA= 160	Chest/ bone plus	SS40: Slice	6.08	134.20	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode with SmartmA.
25.7	Hi Res Chest 1.0 Sec.		Axial	Large	1i	1.00	1.25	1.25	120	120	BonePlus	SS40: Slice	1.76	44.00	240.00	Body 32	Evaluation of lung tissue in high resolution mode, 1.0sec.
25.8	Chest Abd Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	80	Std	SS40: Slice	4.35	79.81	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.8	Chest Abd Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	95	Std	SS40: Slice	5.16	169.66	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.9	Chest Abd Pelvis 0.5 sec. Full Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	160	Std	SS40: Slice	4.08	74.89	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.9	Chest Abd Pelvis 0.5 sec. Full Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	210	Std	SS40: Slice	5.10	167.51	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.10	Chest Abd Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 80	Std	SS40: Slice	4.35	79.81	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.10	Chest Abd Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA=80	Std	SS40: Slice	4.35	142.87	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mGy-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.11	Chest Abd Pelvis 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 130	Std	SS40: Slice	4.42	81.83	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.11	Chest Abd Pelvis 0.5 sec. SmartmA		Helical	Large	1.375 27.5	0.50	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA=130	Std	SS40: Slice	4.42	145.18	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.12	Chest Abd Pelvis 0.8 sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.80	1.25	20.00	120	SmartmA 50-440mA NI=29.29 Avg mA= 145	Std	SS40: Slice	6.19	296.11	450.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.13	Chest Abd Pelvis 0.5 sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.50	1.25	20.00	120	SmartmA 50-440mA NI=29.29 Avg mA= 220	Std	SS40: Slice	5.81	278.14	450.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis with SmartmA.
25.14	Chest Abd Pelvis 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	80	Std	SS40: Slice	4.35	80.41	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis .

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.14	Chest Abd Pelvis 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	105	Std	SS40: Slice	5.71	188.30	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.15	Chest Abd Pelvis 0.5 sec. Plus Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	125	Std	SS40: Slice	4.25	78.59	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.15	Chest Abd Pelvis 0.5 sec. Plus Mode		Helical	Large	1.375 27.5	0.50	5	20.00	120	170	Std	SS40: Slice	5.78	190.64	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.16	Chest Abd Pelvis 0.625mm Retro 0.5 sec. Full Mode		Helical	Large	1.375 13.75	0.50	5	10.00	120	145	Std	SS40: Slice	5.51	94.06	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.16	Chest Abd Pelvis 0.625mm Retro 0.5 sec. Full Mode		Helical	Large	1.375 13.75	0.50	5	10.00	120	195	Std	SS40: Slice	7.41	233.97	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.5sec). Evaluation abnormalities of chest, abdomen and pelvis .
25.17	Pulmonary Embolis 0.8 sec		Helical	Large	1.375 13.75	0.80	1.25	10.00	120	205	Std	SS40: Slice	13.70	266.73	180.00	Body 32	Evaluation for pulmonary embolism, 0.8sec.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.18	Pulmonary Embolis 0.5 sec. Plus Mode		Helical	Large	1.375 13.75	0.50	1.25	10.00	120	220	Std	SS40: Slice	9.19	179.45	180.00	Body 32	Evaluation for pulmonary embolism, 0.5sec.
25.19	Aortic Dissection 0.625mm Full Mode		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	230	Std	SS40: Slice	15.86	415.59	248.62	Body 32	Evaluation for aortic dissection with SmartPrep, 0.625mm.
25.20	Aortic Dissection 1.25mm Full Mode		Helical	Large	1.375 13.75	0.60	1.25	10.00	140	205	Std	SS40: Slice	14.14	372.47	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.21	Aortic Dissection 1.25mm Fast Full Mode		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	205	Std	SS40: Slice	11.38	313.59	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.22	Aortic Dissection 0.625mm Plus Mode		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	175	Std	SS40: Slice	12.07	317.10	248.62	Body 32	Evaluation for aortic dissection with SmartPrep, 0.625mm.
25.23	Aortic Dissection 1.25mm Plus Mode		Helical	Large	1.375 13.75	0.60	1.25	10.00	140	170	Std	SS40: Slice	10.67	281.55	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.24	Aortic Dissection 1.25mm Fast Plus Mode		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	180	Std	SS40: Slice	10.00	276.83	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.25	Lung Assessment		Helical	Large	0.562 5.625	0.50	0.625	10.00	120	95	Bone	SS40: Slice	8.83	186.47	200.00	Body 32	Helical scan mode for acquisition of data for lung nodule assessment with Advanced Lung Analysis (ALA)
25.26	SmartScore Gated 0.5 Sec		Cine	Large	8i	0.50	2.5	20.00	120	180	Std	SS40: Slice	5.72	68.62	117.50	Body 32	ECG gated scan for cardiovascular calcification evaluation.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.27	SnapShot Segment 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	58.63	198.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.
25.27	SnapShot Segment 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.27	SnapShot Segment 0.625mm		Cardiac Segment	Large	0.25 2.5	0.50	0.625	10.00	120	225	Std	SS40: Slice	51.70	562.24	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.28	SnapShot Segment 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	14.28	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.
25.28	SnapShot Segment 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.28	SnapShot Segment 1.25mm		Cardiac Segment	Large	0.325 6.5	0.50	1.25	10.00	120	180	Std	SS40: Slice	33.64	395.22	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.29	SnapShot Burst 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	14.28	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.
25.29	SnapShot Burst 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.29	SnapShot Burst 0.625mm		Cardiac Burst	Large	0.3 3	0.50	0.625	10.00	120	225	Std	SS40: Slice	43.08	468.53	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.30	SnapShot Burst 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	14.28	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.
25.30	SnapShot Burst 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.30	SnapShot Burst 1.25mm		Cardiac Burst	Large	0.3 6	0.50	1.25	10.00	120	180	Std	SS40: Slice	28.03	329.35	100.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.31	SnapShot Burst Plus 0.625mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	14.28	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 0.625mm.
25.31	SnapShot Burst Plus 0.625mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.31	SnapShot Burst Plus 0.625mm		Cardiac Burst +	Large	0.3 3	0.50	0.625	10.00	120	225	Std	SS40: Slice	43.08	683.95	150.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 0.625mm.
25.32	SnapShot Burst Plus 1.25mm		Helical	Large	1.75 17.5	0.50	3.75	10.00	120	90	Std	SS40: Slice	2.69	14.28	33.75	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities in 1.25mm.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
25.32	SnapShot Burst Plus 1.25mm		Axial	Large	1i	0.80	10	10.00	120	40	Std	None	40.92	40.92	0.00	Body 32	test bonus to test the diagnostic delay
25.32	SnapShot Burst Plus 1.25mm		Cardiac Burst +	Large	0.3 6	0.50	1.25	10.00	120	180	Std	SS40: Slice	28.03	469.50	150.00	Body 32	Evaluation for heart and coronary vessels abnormalities in 1.25mm.
25.33	SmartScore Ungated 0.5sec	SmartScore	Cine Segment	Large	8i	0.50	2.5	20.00	120	180	Std	SS40: Slice	17.49	209.89	117.50	Body 32	Cardiovascular calcification evaluation.
25.34	Advantage 4D	Advantage 4D	Helical	Large	1.375 27.5	1.00	5	20.00	120	105	Std	SS40: Slice	7.13	166.55	200.00	Body 32	helical scan of lesion localization for radiology therapy plan.
25.34	Advantage 4D	Advantage 4D	Cine Full	Large	4i	1.00	2.5	10.00	120	60	Std	SS40: Slice	12.61	189.1	147.50	Body 32	cine scan of lesion localization for radiology therapy plan.

Abdomen

Table 3-6

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
26.1	Abdomen Pelvis 0.8sec.		Helical	Large	1.375 27.5	0.80	5	20.00	120	140.00	Std	SS40: Slice	7.61	329.93	400.00	Body 32	Evaluation for abdominal abnormalities .
26.2	Abdomen Pelvis 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 140	Std	SS40: Slice	7.61	329.93	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.3	Abdomen Pelvis 0.6sec.		Helical	Large	1.375 27.5	0.60	5	20.00	120	180.00	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation for abdominal abnormalities
26.4	Abdomen Pelvis 0.6 sec. SmartmA		Helical	Large	1.375 27.5	0.60	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 180	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.5	Abdomen Pelvis 0.8sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.80	1.25	20.00	120	SmartmA 50-440mA NI=29.29 Avg mA= 140	Std	SS40: Slice	5.98	256	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.6	Abdomen Pelvis 0.6sec. SmartmA 1.25mm IQE/ DMPR		Helical	Large	1.75 35	0.60	1.25	20.00	120	SmartmA 50-440mA NI=29.29 Avg mA= 180	Std	SS40: Slice	5.77	246.92	400.00	Body 32	Evaluation for abdominal abnormalities with SmartmA.
26.7	Abdomen Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	135	Std	SS40: Slice	7.34	318.15	400.00	Body 32	Evaluation for abdominal abnormalities.
26.8	Abdomen Pelvis 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 135	Std	SS40: Slice	7.34	318.15	400.00	Body 32	Evaluation for abdominal abnormalities.
26.9	Abdomen Pelvis 0.6 sec. Full Mode		Helical	Large	1.375 27.5	0.60	5	20.00	120	180	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation for abdominal abnormalities.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
26.10	Abdomen Pelvis 0.6 sec. Full Mode SmartmA		Helical	Large	1.375 27.5	0.60	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 180	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation for abdominal abnormalities.
26.11	Abdomen Pelvis 0.8 sec. Plus		Helical	Large	1.375 27.5	0.80	5	20.00	120	105	Std	SS40: Slice	5.71	248.23	400.00	Body 32	Evaluation for abdominal abnormalities.
26.12	Abdomen Pelvis 0.8 sec. Plus Mode SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 105	Std	SS40: Slice	5.71	248.23	400.00	Body 32	Evaluation for abdominal abnormalities.
26.13	Abdomen Pelvis 0.6 sec. Plus Mode		Helical	Large	1.375 27.5	0.60	5	20.00	120	140	Std	SS40: Slice	5.71	248.28	400.00	Body 32	Evaluation for abdominal abnormalities.
26.14	Abdomen Pelvis 0.6 sec. Plus Mode SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 140	Std	SS40: Slice	5.71	248.28	400.00	Body 32	Evaluation for abdominal abnormalities.
26.15	Renal Stone 0.8 sec. SmartmA		Helical	Large	1.375 27.5	0.80	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 130	Std	SS40: Slice	7.07	306.37	400.00	Body 32	Evaluation of kidney for renal stones with SmartmA.
26.16	Renal Stone 0.6 sec. SmartmA		Helical	Large	1.375 27.5	0.60	5	20.00	120	SmartmA 50-440mA NI=14.65 Avg mA= 180	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation of kidney for renal stones with SmartmA.
26.17	Renal Stone 0.8 sec. Full Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	130	Std	SS40: Slice	7.07	306.37	400.00	Body 32	Evaluation of kidney for renal stones.
26.18	Renal Stone 0.6 sec. Full Mode		Helical	Large	1.375 27.5	0.60	5	20.00	120	180	Std	SS40: Slice	7.34	318.21	400.00	Body 32	Evaluation of kidney for renal stones.
26.19	Renal Stone 0.8 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	120	Std	SS40: Slice	6.52	283.69	400.00	Body 32	Evaluation of kidney for renal stones.
26.20	Renal Stone 0.6 sec. Plus Mode		Helical	Large	1.375 27.5	0.80	5	20.00	120	160	Std	SS40: Slice	6.52	283.75	400.00	Body 32	Evaluation of kidney for renal stones.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
26.21	Grand Trauma SmartmA Plus Mode		Helical	Large	1.375 27.5	0.60	3.75	20.00	120	SmartmA 50-440mA NI=14.85 Avg mA= 160	Std	SS40: Slice	6.52	380.94	551.25	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation with SmartmA.
26.22	Grand Trauma Plus Mode		Helical	Large	1.375 27.5	0.60	3.75	20.00	120	165	Std	SS40: Slice	6.73	392.84	551.25	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation.
26.23	AAA 0.625mm D3D		Helical	Large	1.375 13.75	0.60	0.625	10.00	140	230	Std	SS40: Slice	15.86	511.96	309.38	Body 32	Evaluation for abdominal aortic aneurysm.
26.24	AAA 1.25mm D3D		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	180	Std	SS40: Slice	10.00	426.53	400.00	Body 32	Evaluation for abdominal aortic aneurysm.
26.25	AAA 1.25mm Fast IQE/D3D		Helical	Large	1.75 35	0.60	1.25	20.00	140	210	Std	SS40: Slice	9.16	392.35	400.00	Body 32	Evaluation for abdominal aortic aneurysm.
26.26	Dual Liver		Helical	Large	1.375 27.5	0.80	5	20.00	120	120	Std	SS40: Slice	6.52	107.56	130.00	Body 32	Non contrast of upper abdominal structures for liver.
26.26	Dual Liver		Helical	Large	1.375 13.75	0.60	2.5	10.00	120	200	Std	SS40: Slice	9.12	133.79	130.00	Body 32	Arterial phase for the evaluation of liver with contrast medium enhancement.
26.26	Dual Liver		Helical	Large	1.375 13.75	0.60	5	10.00	120	150	Std	SS40: Slice	6.84	287.78	400.00	Body 32	Venous phase for the evaluation of liver with contrast medium enhancement.
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	5	10.00	120	135	Std	SS40: Slice	8.21	75.32	70.00	Body 32	Non contrast of upper abdominal structures for pancreas.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	2.5	10.00	120	200	Std	SS40: Slice	12.16	202.66	150.00	Body 32	Arterial phase for the evaluation of pancreas with contrast medium enhancement.
26.27	Dual Pancreas		Helical	Large	1.375 13.75	0.80	5	10.00	120	160	Std	SS40: Slice	9.73	331.40	320.00	Body 32	Venous phase for the evaluation of pancreas with contrast medium enhancement.
26.28	CT Perfusion Body Tumor	CT Perfusion	Helical	Large	1.35 13.5	0.80	5	10.00	120	85	Std	SS40: Slice	5.37	65.40	100.00	Body 32	Non-Enhance abdominal scan.
26.28	CT Perfusion Body Tumor	CT Perfusion	Cine	Large	4i	1.00	5	20.00	120	120	Std	SS40: Slice	534.03	1068.06	15.00	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.
26.29	CT Colonography	Advantage CTC	Helical	Large	1.375 13.75	0.50	1.25	10.00	120	80	Std	SS40: Slice	3.04	126.12	400.00	Body 32	Helical scan mode Supine acquisition for using in CT Colonography for evaluation of the colon.
26.29	CT Colonography	Advantage CTC	Helical	Large	1.375 27.5	0.50	1.25	20.00	120	80	Std	SS40: Slice	2.72	116.01	400.00	Body 32	Helical scan mode Supine acquisition for using in CT Colonography for evaluation of the colon.
26.30	Runoff 2.5mm		Helical	Large	1.375 27.5	0.60	2.5	20.00	140	175	Std	SS40: Slice	9.72	1000.50	1000.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
26.31	Runoff 1.25mm		Helical	Large	1.375 27.5	0.60	1.25	20.00	140	210	Std	SS40: Slice	11.66	1197.55	998.75	Body 32	Helical scan mode 1.25mm, evaluation of vasucular structures of abdomen, femurs and lower extremities
26.32	Runoff SmartmA 1.25mm IQE		Helical	Large	1.75 35	0.60	1.25	20.00	140	SmartmA 50-380mA NI=29.29 Avg mA=210	Std	SS40: Slice	9.16	940.94	998.75	Body 32	Helical scan mode 1.25mm, evaluation of vasucular structures of abdomen, femurs and lower extremities with SmartmA.

L-Spine

Table 3-7

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	120	100	Std	SS40: Slice	21.31	63.94	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	120	100	Std	SS40: Slice	21.31	63.94	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level		Axial	Large	2i	2.00	5	10.00	140	110	Std	SS40: Slice	32.25	96.76	25.00	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	120	SmartmA 80-380mA NI=18.03 Avg mA= 190	Std	SS40: Slice	39.72	119.17	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	120	SmartmA 80-380mA NI=18.03 Avg mA= 190	Std	SS40: Slice	39.72	119.17	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level SmartmA		Axial	Large	4i	2.00	2.5	10.00	140	SmartmA 80-380mA NI=18.03 Avg mA= 215	Std	SS40: Slice	67.96	203.89	27.50	Body 32	Axial scan mode with SmartmA, Evaluation of soft tissue and bone structures lumbar spine.
27.3	L-Spine Survey		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	180	Std	SS40: Slice	29.90	600.53	175.00	Body 32	Helical scan mode 2.5mm (1sec), Limited evaluation of lumbar spine

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
27.4	L-Spine Survey SmartmA		Helical	Large	0.562 11.25	1.00	2.5	20.00	120	SmartmA 100-440mA NI=18.06 Avg mA= 180	Std	SS40: Slice	29.90	600.53	17.50	Body 32	Helical scan mode 2.5mm (1sec) with SmartmA, Limited evaluation of lumbar spine

Pelvis

Table 3-8

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
28.1	Pelvis for Fracture		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	210	Bone	SS40: Slice	14.04	167.40	100.70	Body 32	Evaluation of pelvis bone structures for fracture, 3.75mm (1sec).
28.2	Pelvis for Fracture SmartmA		Helical	Large	1.375 13.75	0.80	3.75	10.00	120	SmartmA 100-440mA NI=15.64 Avg mA= 210	Bone	SS40: Slice	14.04	167.40	100.70	Body 32	Evaluation of pelvis bone structures for fracture with SmartmA, 3.75mm (1sec).

Lower Extremity

Table 3-9

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mGy-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
29.1	Lower Extremity		Helical	Large	0.562 5.625	1.00	0.625	10.00	120	145	Std	SS40: Slice	26.95	124.47	35.00	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.2	Ankle 1.25 mm		Helical	Large	0.562 5.625	0.80	1.25	10.00	120	40	Std	SS40: Slice	5.95	28.46	35.00	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.3	Ankle 1.25 mm SmartmA		Helical	Large	0.562 5.625	0.80	1.25	10.00	120	SmartmA 50-200mA NI=24.43 Avg mA=40	Std	SS40: Slice	5.95	28.46	35.00	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with SmartmA.
29.4	Ankle 0.625 mm		Helical	Large	0.562 5.625	0.80	0.625	10.00	120	110	Std	SS40: Slice	16.35	75.57	35.00	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.5	Ankle 0.625 mm SmartmA		Helical	Large	0.562 5.625	0.80	0.625	10.00	120	SmartmA 50-200mA NI=25.18 Avg mA=110	Std	SS40: Slice	16.35	75.57	35.00	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle with SmartmA.

Pediatric Head

Table 3-10

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
31.1	PED HEAD TO 18 MONTHS		Axial	Ped	2i	1.00	5	10.00	120	75	Std	SS40: Slice	16.09	193.13	115.00	Head 16	Routine head for infant (up to 18 months) 5mm
31.2	PED HEAD 18 MOS TO 5YRS		Axial	Head	4i	1.00	3.75	15.00	120	105	Std	SS40: Slice	20.86	250.27	116.25	Head 16	Routine head (1.0sec) for children (18 months to 5 years) 3.75mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	4i	1.00	2.5	10.00	120	200	Std	SS40: Slice	42.92	85.83	17.50	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	2i	1.00	5	10.00	120	100	Std	SS40: Slice	21.46	150.21	65.00	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm

Pediatric Chest

Table 3-11

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mG y-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
35.1.1	RC 6.0-7.5 kg (13.2-16.5 lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	70	Std	SS40: Slice	4.73	50.97	75.00	Head 16	Weight and height based routine chest protocol.
35.2.1	RC 7.5-9.5 kg (16.5-20.9lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	75	Std	SS40: Slice	5.07	54.61	75.00	Head 16	Weight and height based routine chest protocol.
35.3.1	RC 9.5-11.5 kg (20.9-25.4lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	85	Std	SS40: Slice	5.74	64.04	78.75	Head 16	Weight and height based routine chest protocol.
35.4.1	RC 11.5-14.5kg (25.4-32.0lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	55	Std	SS40: Slice	1.87	23.37	90.00	Body 32	Weight and height based routine chest protocol.
35.5.1	RC 14.5-18.5kg (32.0-40.8lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	60	Std	SS40: Slice	2.04	25.49	90.00	Body 32	Weight and height based routine chest protocol.
35.6.1	RC 18.5-22.5kg (40.8-49.6lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	70	Std	SS40: Slice	2.38	29.74	90.00	Body 32	Weight and height based routine chest protocol.
35.7.1	RC 22.5-31.5kg (49.6-69.5lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	75	Std	SS40: Slice	2.55	30.59	85.00	Body 32	Weight and height based routine chest protocol.
35.8.1	RC 31.5-40.5kg (69.5-89.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	80	Std	SS40: Slice	2.72	42.15	120.00	Body 32	Weight and height based routine chest protocol.
35.9.1	RC 40.5-55.0kg(89.3-121.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	85	Std	SS40: Slice	2.89	53.44	150.00	Body 32	Weight and height based routine chest protocol.

Pediatric Abdomen

Table 3-12

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	ASiR (%)	CTDIvol (mGy) w/ ASiR	DLP(mGy-cm) w/ ASiR	Scan Length (mm)	Phantom (cm)	Description
36.1.1	Abd 6.0-7.5 kg (13.2-16.5 lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	100	Std	SS40: Slice	6.75	75.35	78.75	Body 32	Weight and height based routine abdominal protocol.
36.2.1	Abd 7.5-9.5 kg (16.5-20.9lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	105	Std	SS40: Slice	7.09	87.09	90.00	Body 32	Weight and height based routine abdominal protocol.
36.3.1	Abd 9.5-11.5 kg (20.9-25.4lbs)		Helical	Small	1.375 27.5	0.50	3.75	20.00	120	110	Std	SS40: Slice	7.43	99.60	101.25	Body 32	Weight and height based routine abdominal protocol.
36.4.1	Abd 11.5-14.5kg (25.4-32.0lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	75	Std	SS40: Slice	2.55	36.96	110.00	Body 32	Weight and height based routine abdominal protocol.
36.5.1	Abd 14.5-18.5kg (32.0-40.8lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	75	Std	SS40: Slice	2.55	36.96	110.00	Body 32	Weight and height based routine abdominal protocol.
36.6.1	Abd 18.5-22.5kg (40.8-49.6lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	80	Std	SS40: Slice	2.72	44.86	130.00	Body 32	Weight and height based routine abdominal protocol.
36.7.1	Abd 22.5-31.5kg (49.6-69.5lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	85	Std	SS40: Slice	2.89	53.44	150.00	Body 32	Weight and height based routine abdominal protocol.
36.8.1	Abd 31.5-40.5kg (69.5-89.3lbs)		Helical	Large	1.375 27.5	0.50	5	20.00	120	90	Std	SS40: Slice	3.06	56.59	150.00	Body 32	Weight and height based routine abdominal protocol.
36.9.1	Abd 40.5-55.0kg(89.3-121.3lbs)		Helical	Large	1.375 27.5	0.5	5	20.00	120	100	Std	SS40: Slice	3.40	79.86	200.00	Body 32	Weight and height based routine abdominal protocol.

LightSpeed Ultra

Head

Table 4-1

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.1	Routine head 2.5&7.5mm 120kvp		Axial	Head	2i	2.00	2.5	5.00	120	160	Std	75.16	375.82	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.1	Routine head 2.5&7.5mm 120kvp		Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.2	Routine head 2.5&7.5mm 140kvp		Axial	Head	2i	2.00	2.5	5.00	140	150	Std	96.07	480.33	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.2	Routine head 2.5&7.5mm 140kvp		Axial	Head	2i	2.00	7.5	15.00	140	90	Std	45.28	339.57	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.3	Routine head 2.5 & 7.5mm - Auto mA		Axial	Head	2i	2.00	2.5	5.00	120	Auto mA 50-200mA NI=3.80 Avg mA= 160	Std	75.16	375.82	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation with Auto mA
21.3	Routine head 2.5 & 7.5mm - Auto mA		Axial	Head	2i	2.00	7.5	15.00	120	Auto mA 50-200mA NI=2.40 Avg mA= 120	Std	44.28	332.11	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation with Auto mA
21.4	Routine head 5 mm - Auto mA		Axial	Head	1i	2.00	5	5.00	140	Auto mA 50-170mA NI=2.80 Avg mA= 120	Std	76.85	384.27	45.000	Head 16	Routine Head 5mm protocol for the brain abnormalities evaluation with Auto mA
21.4	Routine head 5 mm - Auto mA		Axial	Head	2i	2.00	5	10.00	120	Auto mA 50-200mA NI=2.80 Avg mA= 170	Std	63.77	446.36	65.000	Head 16	Routine Head 5mm protocol for the brain abnormalities evaluation with Auto mA

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.5	Trauma Head 5/10mm		Axial	Head	2i	1.00	5	10.00	140	180	Std	48.85	244.26	45.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.5	Trauma Head 5/10mm		Axial	Head	2i	1.00	10	20.00	120	160	Std	26.80	214.42	70.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.6	Trauma Head - AutomA		Axial	Head	2i	1.00	5	10.00	140	AutomA 50-200mA NI=2.80 Avg mA= 160	Std	40.91	204.54	45.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with Auto mA.
21.6	Trauma Head - AutomA		Axial	Head	2i	1.00	10	20.00	120	AutomA 50-200mA NI=2.20 Avg mA= 120	Std	20.10	160.82	70.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with Auto mA.
21.7	Circle of Wills 0.8sec		Helical	Head	0.625 6.25	0.80	1.25	10.00	120	170	Std	43.19	399.29	79.800	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.8	Circle of Wills 0.6sec		Helical	Head	0.625 6.25	0.60	1.25	10.00	120	290	Std	58.97	545.32	79.800	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2.00	2.5	5.00	140	160	Std	102.47	512.35	47.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	543.08	1086.16	15.000	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2.00	2.5	5.00	140	170	Std	108.88	544.38	47.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	603.41	1206.82	15.000	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction

Oribt

Table 4-2

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
22.1	Sinus Supine Helical 5mm - Plus Mode		Helical	Head	0.625 6.25	1.00	2.5	10.00	120	100	Bone	31.76	425.74	117.500	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.2	Sinus Supine Axial Tilted		Axial	Head	4i	1.00	2.5	10.00	120	200	Std	39.69	396.94	97.500	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.3	Sinus Prone Helical Tilted 2.5mm - Plus Mode		Helical	Head	0.625 6.25	1.00	2.5	10.00	120	150	Std	47.63	543.34	97.500	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Prone scan
22.4	IAC Cor & Axial 1.25/8i		Axial	Head	8i	2.00	1.25	10.00	120	120	Std	47.63	190.53	38.750	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.4	IAC Cor & Axial 1.25/8i		Axial	Head	8i	2.00	1.25	10.00	120	120	Std	47.63	190.53	38.750	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Orbits Helical 2.5mm		Helical	Head	0.625 6.25	0.80	2.5	10.00	120	180	Std	45.73	441.67	80.000	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.6	Orbits Helical 2.5mm - Plus Mode AutomA		Helical	Head	0.625 6.25	0.80	2.5	10.00	120	AutomA 50-200mA NI=3.80 Avg mA= 180	Std	45.73	441.67	80.000	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.7	IAC Cor & Axial 0.63/2i		Axial	Head	2i	2.00	0.625	1.25	140	150	Std	109.84	429.04	38.425	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.7	IAC Cor & Axial 0.63/2i		Axial	Head	2i	2.00	0.625	1.25	140	150	Std	109.84	415.20	37.165	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	140	150	Std	55.36	213.34	36.875	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	120	150	Std	40.61	156.49	36.875	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.9	IAC Axial 0.63/ Helical - Reformat Coronal		Helical	Head	1 1.25	1.00	0.625	1.25	120	200	Std	54.15	208.66	36.875	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Neck

Table 4-3

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.1	C-Spine C5-C7		Axial	Large	4i	2.00	2.5	10.00	140	170	Std	47.33	709.89	147.500	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities
23.2	C-Spine C1-C4		Axial	Large	4i	2.00	2.5	10.00	120	120	Std	24.28	242.81	97.500	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities.
23.3	C-Spine C5-C7 - AutomA		Axial	Large	4i	2.00	2.5	10.00	140	AutomA 50-380mA NI=9.10 Avg mA= 170	Std	47.33	709.89	147.500	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with AutomA.
23.4	C-Spine C1-C4 - AutomA		Axial	Large	4i	2.00	2.5	10.00	120	AutomA 50-200mA NI=9.10 Avg mA= 120	Std	24.28	218.53	87.500	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.5	Carotid/CoW 0.8 sec		Helical	Large	1.35 13.5	0.80	1.25	10.00	120	310	Std	19.65	363.74	170.000	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.6	Carotid/CoW 0.5 sec		Helical	Large	0.625 6.25	0.60	1.25	10.00	120	350	Std	35.94	656.54	170.000	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.7	Soft Tissue Neck - Plus Mode		Helical	Large	1.35 13.5	0.80	3.75	10.00	120	260	Std	16.48	282.81	150.000	Body 32	Evaluation of the cervical soft tissue abnormality.
23.8	Soft Tissue Neck - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	3.75	10.00	120	AutomA 80-440mA NI=7.02 Avg mA= 260	Std	16.48	282.81	150.000	Body 32	Evaluation of the cervical soft tissue abnormality with AutomA.
23.9	Soft Tissue Neck - Full Mode		Helical	Large	1.35 13.5	0.80	3.75	10.00	120	320	Std	20.28	341.62	150.000	Body 32	Evaluation of the cervical soft tissue abnormality.
23.10	Soft Tissue Neck - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	3.75	10.00	120	AutomA 80-440mA NI=7.02 Avg mA= 320	Std	20.28	341.62	150.000	Body 32	Evaluation of the cervical soft tissue abnormality with AutomA.

Shoulder

Table 4-4

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
24.1	Shoulder - Plus Mode		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	250	Std	58.87	686.25	100.000	Body 32	Evaluation of soft tissue and bone structure of shoulder .
24.2	Shoulder - Plus Mode AutomA		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	SmartmA 80-380mA NI=14.27 Avg mA= 220	Std	51.81	603.90	100.000	Body 32	Evaluation of soft tissue and bone structure of shoulder with AutomA.

Chest

Table 4-5

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.1	Routine Chest 0.8sec - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	std	11.39	252.71	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.2	Routine Chest 0.5sec - Plus Mode		Helical	Large	1.35 13.5	0.50	5	10.00	120	300	std	11.88	263.76	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec.
25.3	Routine Chest 0.8sec - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	std	13.95	304.66	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.4	Routine Chest 0.5sec - Full Mode		Helical	Large	1.35 13.5	0.50	5	10.00	120	340	std	13.47	294.39	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec.
25.5	Routine Chest 0.8sec - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 190	std	11.39	252.71	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec with AutomA.
25.6	Routine Chest 0.5sec - Plus Mode AutomA		Helical	Large	1.35 13.5	0.50	5	10.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 300	std	11.88	263.76	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec with AutomA.
25.7	Routine Chest 0.8sec - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 190	std	11.39	248.86	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec with AutomA.
25.8	Routine Chest 0.5sec - Full Mode AutomA		Helical	Large	1.35 13.5	0.50	5	10.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 340	std	13.47	294.39	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec with AutomA.
25.9	Chest with HiRes 0.8sec - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	std	13.95	309.37	200.000	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.10	Chest with HiRes 0.5sec - Plus Mode		Helical	Large	1.35 13.5	0.50	5	10.00	120	300	std	11.88	263.76	200.000	Body 32	Evaluation of lung tissue with routine and high resolution mode.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.11	Chest with HiRes 0.8sec - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	250	std	15.85	346.21	200.000	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.12	Chest with HiRes 0.5sec - Full Mode		Helical	Large	1.35 13.5	0.50	5	10.00	120	330	std	13.07	285.73	200.000	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.13	Hi Res chest 0.8s - Full Mode		Axial	Large	1i	0.80	1.25	1.25	120	220	Bone	7.20	180.00	240.000	Body 32	Evaluation of lung tissue in high resolution mode, 0.8sec.
25.14	Hi Res chest 0.5s - Full Mode		Axial	Large	1i	0.50	1.25	1.25	120	350	Bone	7.16	178.98	240.000	Body 32	Evaluation of lung tissue in high resolution mode, 0.5sec.
25.15	Pulmonary Emoblis 1.25mm 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	1.25	10.00	120	400	std	25.35	494.70	180.000	Body 32	Evaluation for pulmonary embolism, 0.8sec.
25.16	Pulmonary Emoblis 2.5mm 0.7s - Plus Mode		Helical	Large	1.35 13.5	0.70	2.5	10.00	120	310	std	17.19	339.91	180.000	Body 32	Evaluation for pulmonary embolism, 0.7sec.
25.17	Chest Abd Pelvis 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	std	11.39	195.75	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.17	Chest Abd Pelvis 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	std	13.95	455.79	305.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.18	Chest Abd Pelvis 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	5	10.00	120	250	std	11.88	204.29	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.18	Chest Abd Pelvis 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	5	10.00	120	300	std	14.26	451.95	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.19	Chest Abd Pelvis 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	std	11.39	195.75	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.19	Chest Abd Pelvis 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	250	std	15.85	502.10	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.20	Chest Abd Pelvis 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	120	250	std	11.88	204.29	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.20	Chest Abd Pelvis 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	120	300	std	14.26	451.95	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.21	Aortic Dissection 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	1.25	10.00	140	340	std	29.65	782.45	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.8s.
25.22	Aortic Dissection 0.7s - Plus Mode		Helical	Large	1.35 13.5	0.70	1.25	10.00	140	380	std	29.00	765.21	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.7s.
25.23	SmartScore Gated 0.5s		Cine	Large	8i	0.50	2.5	20.00	120	300	std	9.54	114.45	117.500	Body 32	ECG gated scan for cardiovascular calcification evaluation.
25.24	SnapShot Segment		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities.
25.24	SnapShot Segment		Cardiac Segment	Large	0.25 2.5	0.50	1.25		120	300	std	64.18	766.94	110.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities.
25.25	SnapShot Burst		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities
25.25	SnapShot Burst		Cardiac Burst	Large	0.3 3	0.50	1.25		120	300	std	53.48	639.12	110.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.26	SnapShot Burst Plus		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities
25.26	SnapShot Burst Plus		Cardiac Burst	Large	0.275 2.75	0.60	1.25		120	300	std	70.01	836.66	110.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities
25.27	Lung Assesment - Plus Mode		Helical	Large	0.625 6.25	0.50	1.25	10.00	120	90	Bone	7.28	154.93	200.000	Body 32	Lung Assesment - Plus Mode
25.28	SmartScore Ungated 0.5s		Cine Segment	Large	8i	0.50	2.5	20.00	120	300	Std	29.17	350.09	117.500	Body 32	Cardiovascular calcification evaluation.

Abdomen

Table 4-6

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.1	Abdomen Pelvis 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	270.00	Std	17.11	721.97	400.000	Body 32	Evaluation for abdominal abnormalities
26.2	Abdomen Pelvis 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	5	10.00	120	360.00	Std	17.11	722.04	400.000	Body 32	Evaluation for abdominal abnormalities
26.3	Abdomen Pelvis 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	140	260.00	Std	22.68	948.94	400.000	Body 32	Evaluation for abdominal abnormalities
26.4	Abdomen Pelvis 0.6s - Full Mode		Helical	Large	1.35 13.5	0.60	5	10.00	140	340.00	Std	22.24	930.79	400.000	Body 32	Evaluation for abdominal abnormalities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.5	Abdomen Pelvis 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 50-440mA NI=11.57 Avg mA= 290	Std	18.38	775.45	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA
26.6	Abdomen Pelvis 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	120	AutomA 50-440mA NI=11.57 Avg mA= 360	Std	17.11	722.04	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA
26.7	Abdomen Pelvis 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	140	AutomA 80-380mA NI=11.57 Avg mA= 260	Std	22.68	948.94	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA
26.8	Abdomen Pelvis 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	140	AutomA 80-380mA NI=11.57 Avg mA= 340	Std	22.24	930.79	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA
26.9	Grand Trauma - Plus Mode		Helical	Large	1.675 16.75	0.70	3.75	10.00	120	330.00	Std	14.75	845.09	551.250	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation.
26.10	Renal Stone 0.8s - Plus Mode		Helical	Large	1.35 27	0.80	5	20.00	120	250.00	Std	13.85	604.19	400.000	Body 32	Evaluation of kidney for renal stones.
26.11	Renal Stone 0.6s - Plus Mode		Helical	Large	1.35 27	0.60	5	20.00	120	320.00	Std	13.30	580.13	400.000	Body 32	Evaluation of kidney for renal stones.
26.12	Renal Stone 0.8s - Plus Mode AutomA		Helical	Large	1.35 27	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 250	Std	13.85	604.19	400.000	Body 32	Evaluation of kidney for renal stones with AutomA.
26.13	Renal Stone 0.6s - Plus Mode AutomA		Helical	Large	1.35 27	0.60	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 320	Std	13.30	580.13	400.000	Body 32	Evaluation of kidney for renal stones with AutomA.
26.14	Dual Pancreas 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.14	Dual Pancreas 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	300	Std	19.02	318.88	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.14	Dual Pancreas 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	200	Std	11.99	409.90	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.15	Dual Pancreas 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.15	Dual Pancreas 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	120	370	Std	17.59	295.04	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.15	Dual Pancreas 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	5	10.00	120	260	Std	12.36	422.59	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.16	Dual Pancreas 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.16	Dual Pancreas 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	300	Std	19.02	318.49	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.16	Dual Pancreas 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	Std	13.95	472.00	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.17	Dual Pancreas 0.6s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.17	Dual Pancreas 0.6s - Full Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	300	Std	19.62	328.75	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.17	Dual Pancreas 0.6s - Full Mode		Helical	Large	1.35 13.5	0.60	5	10.00	140	220	Std	14.39	487.15	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.18	Dual Pancreas 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 50-440mA NI=12.73 Avg mA= 190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.18	Dual Pancreas 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	AutomA 50-440mA NI=14.27 Avg mA= 300	Std	19.02	318.88	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.18	Dual Pancreas 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 50-440mA NI=10.41 Avg mA= 200	Std	11.99	409.90	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.19	Dual Pancreas 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 50-440mA NI=12.73 Avg mA= 190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.19	Dual Pancreas 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	2.5	10.00	120	AutomA 50-440mA NI=14.27 Avg mA= 370	Std	17.59	295.04	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.19	Dual Pancreas 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	120	AutomA 80-440mA NI=10.41 Avg mA= 260	Std	12.36	422.59	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.20	Dual Pancreas 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 50-440mA NI=12.73 Avg mA= 190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.20	Dual Pancreas 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	2.5	10.00	140	AutomA 80-380mA NI=14.27 Avg mA= 300	Std	26.16	438.23	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.20	Dual Pancreas 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	140	AutomA 50-380mA NI=10.41 Avg mA= 220	Std	19.19	649.45	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.21	Dual Pancreas 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 80-440mA NI=12.73 Avg mA= 190	Std	11.39	104.63	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.21	Dual Pancreas 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	AutomA 80-380mA NI=14.27 Avg mA= 300	Std	19.62	328.75	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.21	Dual Pancreas 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	140	AutomA 80-380mA NI=10.41 Avg mA= 220	Std	14.39	487.15	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.22	Dual Liver 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.22	Dual Liver 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	300	Std	19.02	280.85	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.22	Dual Liver 0.8s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	Std	13.95	588.27	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.23	Dual Liver 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.23	Dual Liver 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	350	Std	22.89	338.22	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.23	Dual Liver 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	5	10.00	140	230	Std	15.04	634.73	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.24	Dual Liver 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	169.13	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.24	Dual Liver 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	350	Std	22.19	327.20	130.000	Body 32	Non contrast of upper abdominal structures for liver.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.24	Dual Liver 0.8s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	270	Std	17.11	716.19	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.25	Dual Liver 0.6s - Full Mode		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.25	Dual Liver 0.6s - Full Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	350	Std	22.89	337.75	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.25	Dual Liver 0.6s - Full Mode		Helical	Large	1.35 13.5	0.60	5	10.00	140	240	Std	15.70	657.03	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.26	Dual Liver 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.26	Dual Liver 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	2.5	10.00	120	AutomA 80-440mA NI=14.27 Avg mA= 300	Std	19.02	280.85	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.26	Dual Liver 0.8s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	220	Std	13.95	588.27	400.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.27	Dual Liver 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.27	Dual Liver 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	AutomA 80-380mA NI=14.27 Avg mA= 350	Std	22.89	338.22	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.27	Dual Liver 0.6s - Plus Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	140	AutomA 80-380mA NI=10.41 Avg mA= 230	Std	15.04	634.73	400.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.28	Dual Liver 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.8	5	10.00	120	AutomA 80-440mA NI=12.73 Avg mA= 190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.28	Dual Liver 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.8	2.5	10.00	120	AutomA 80-440mA NI=14.27 Avg mA= 350	Std	22.19	327.20	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy- cm)	Scan Length (mm)	Phantom (cm)	Description
26.28	Dual Liver 0.8s - Full Mode AutomA		Helical	Large	1.35 13.5	0.8	5	10.00	120	AutomA 80-440mA NI=10.41 Avg mA= 270	Std	17.11	716.19	400.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.29	Dual Liver 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.80	5	10.00	120	AutomA 80-440mA NI=12.73 Avg mA= 190	Std	11.39	172.97	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.29	Dual Liver 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	AutomA 80-440mA NI=14.27 Avg mA= 350	Std	22.89	337.75	130.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.29	Dual Liver 0.6s - Full Mode AutomA		Helical	Large	1.35 13.5	0.60	5	10.00	140	AutomA 80-380mA NI=10.41 Avg mA= 240	Std	15.70	657.03	400.000	Body 32	Non contrast of upper abdominal structures for liver AutomA.
26.30	AAA 0.8S - Plus Mode		Helical	Large	1.35 13.5	0.80	1.25	10.00	140	360	Std	31.40	1303.37	400.000	Body 32	Evaluation for abdominal aortic aneurysm.
26.31	AAA 0.6S - Plus Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	360	Std	23.55	983.70	400.000	Body 32	Evaluation for abdominal aortic aneurysm.
26.32	CT Perfusion Body Tumor		Helical	Large	1.5 15	0.80	5	10.00	120	200	Std	10.17	125.42	100.000	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.
26.32	CT Perfusion Body Tumor		Cine	Large	4i	1.00	5	20.00	120	60	Std	227.77	455.53	15.000	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.
26.33	Colonography		Helical	Large	1.35 13.5	0.50	1.25	10.00	120	100	Std	3.75	191.17	495.000	Body 32	Evaluation of colonography
26.33	Colonography		Helical	Large	1.35 13.5	0.50	1.25	10.00	120	100	Std	3.75	193.05	500.000	Body 32	Evaluation of colonography
26.34	Aorta with Peripheral 0.6s - Plus Mode		Helical	Large	1.35 13.5	0.60	2.5	10.00	140	320	Soft	20.93	2130.32	1000.000	Body 32	Evaluation of aorta with peripheral

L-Spine

Table 4-7

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	140	180	Std	67.24	201.73	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 100-440mA NI=14.27 Avg mA= 160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.2	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 100-440mA NI=14.27 Avg mA= 160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.2	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	140	AutomA 100-380mA NI=14.27 Avg mA= 180	Std	67.24	201.37	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.3	L-Spine Survey Axial 5mm - Plus Mode		Axial	Large	2i	2.00	5	10.00	120	100	Std	19.08	343.36	175.000	Body 32	Axial Scan mode. Limited evaluation of lumbar spine
27.4	L-Spine Survey Axial 5mm - Plus Mode - AutomA		Axial	Large	2i	1.00	5	10.00	120	AutomA 80-440mA NI=11.57 Avg mA= 100	Std	9.54	171.68	175.000	Body 32	Axial Scan mode. Limited evaluation of lumbar spine with AutomA

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.5	L-Spine Survey Helical - Plus Mode		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	300	Std	70.65	1353.34	175.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine
27.6	L-Spine Survey Helical - Full Mode		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	360	Std	84.77	1609.42	175.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine
27.7	L-Spine Survey Helical - Plus Mode AutomA		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	AutomA 100-380mA NI=14.27 Avg mA= 300	Std	70.65	1353.34	175.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine with AutomA
27.8	L-Spine Survey Helical - Full Mode AutomA		Helical	Large	0.625 6.25	1.00	2.5	10.00	140	AutomA 100-380mA NI=14.27 Avg mA= 360	Std	84.77	1609.42	175.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine with AutomA

Pelvis

Table 4-8

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
28.1	Pelvis for Fracture 3.75mm Plus		Helical	Large	1.35 13.5	1.00	3.75	10.00	120	350	Bone	27.73	339.05	100.700	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec).
28.2	Pelvis for Fracture 3.75mm - Plus AutomA		Helical	Large	1.35 13.5	1.00	3.75	10.00	120	AutomA 80-440mA NI=12.35 Avg mA= 350	Bone	27.73	339.05	100.700	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec) with AutomA.
28.3	Pelvis for Fracture 2.5mm - Plus		Helical	Large	0.625 6.25	1.00	2.5	10.00	120	280	Bone	47.92	558.60	100.000	Body 32	Evaluation of pelvis bone structures for fracture,2.5mm(1sec).
28.4	Pelvis for Fracture 2.5mm - Plus AutomA		Helical	Large	0.625 6.25	1.00	2.5	10.00	120	AutomA 80-440mA NI=14.27 Avg mA= 280	Bone	47.92	558.60	100.000	Body 32	Evaluation of pelvis bone structures for fracture,2.5mm(1sec) with AutomA.

Lower Extremity

Table 4-9

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
29.1	Lower Extremity - Plus		Helical	Large	0.625 6.25	0.80	2.5	10.00	120	200	Std	25.90	133.61	35.000	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.2	Lower Extremity - Plus AutomA		Helical	Large	0.625 6.25	0.80	2.5	10.00	120	AutomA 50-200mA NI=14.27 Avg mA= 200	Std	25.90	133.61	35.000	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities with AutomA.
29.3	Ankle 1.25mm Helical - Plus Single Joint		Helical	Large	0.625 6.25	1.00	1.25	10.00	120	120	Std	19.42	102.63	40.200	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.4	Ankle 1.25mm Helical - Full Single Joint		Helical	Large	0.625 6.25	1.00	1.25	10.00	120	150	Std	24.28	127.07	40.200	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.5	Ankle 1.25mm Helical - Plus AutomA		Helical	Large	0.625 6.25	1.00	1.25	10.00	120	AutomA 50-200mA NI=18.34 Avg mA= 120	Std	19.42	102.63	40.200	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.
29.6	Ankle 1.25mm Helical - Full AutomA		Helical	Large	0.625 6.25	1.00	1.25	10.00	120	AutomA 50-200mA NI=18.34 Avg mA= 150	Std	24.28	127.07	40.200	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.
29.7	Ankle 0.625mm Helical Single Joint		Helical	Large	1 1.25	0.80	0.625	1.25	120	200	Std	22.23	114.87	50.000	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.8	Ankle 0.625mm Helical - AutomA Single Joint		Helical	Large	1 1.25	0.80	0.625	1.25	120	AutomA 50-200mA NI=18.34 Avg mA= 200	Std	22.23	114.87	50.000	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA .

Pediatric Head

Table 4-10

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
31.1	PED HEAD TO 18 MONTHS		Axial	Ped	2i	1.00	5	10.00	120	120	Std	22.51	135.03	55.000	Head 16	Routine head for infant (up to 18 months) 5mm
31.1	PED HEAD TO 18 MONTHS		Axial	Ped	2i	1.00	5	10.00	120	100	Std	18.75	112.53	55.000	Head 16	Routine head for infant (up to 18 months) 5mm
31.2	PED HEAD 18 MOS TO 5YRS		Axial	Head	4i	1.00	3.75	15.00	120	170	Std	31.37	94.10	26.250	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 3.75mm
31.2	PED HEAD 18 MOS TO 5YRS		Axial	Head	2i	1.00	7.5	15.00	120	90	Std	16.61	124.54	67.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	2i	1.00	2.5	5.00	120	230	Std	61.28	153.20	22.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.3	PED HEAD TO 5YRS TO 18 YRS		Axial	Head	2i	1.00	7.5	15.00	120	120	Std	22.14	166.05	67.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm

Pediatric Chest

Table 4-11

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
35.1.1	RC 6.0-7.5kg (13.2 - 16.5lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	120	Std	4.50	43.47	75.000	Body 32	Weight and height based routine chest protocol.
35.2.1	RC 7.5-9.5kg (16.5 - 20.9lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	130	Std	4.87	47.10	75.000	Body 32	Weight and height based routine chest protocol.
35.3.1	RC 9.5-11.5kg (20.9 - 25.4lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	140	Std	5.25	52.69	78.750	Body 32	Weight and height based routine chest protocol.
35.4.1	RC 11.5-14.5kg (25.4 - 32.0lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	100	Std	3.75	41.94	90.000	Body 32	Weight and height based routine chest protocol.
35.5.1	RC 14.5-18.5kg (31.5 - 40.5lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	110	Std	4.12	46.14	90.000	Body 32	Weight and height based routine chest protocol.
35.6.1	RC 18.5-22.5kg (40.8 - 49.6lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	130	Std	4.87	54.52	90.000	Body 32	Weight and height based routine chest protocol.
35.7.1	RC 22.5-31.5kg (49.6 - 69.5lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	140	Std	5.25	63.96	100.000	Body 32	Weight and height based routine chest protocol.
35.8.1	RC 31.5-40.5kg (69.5 - 89.3lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	150	Std	5.62	79.77	120.000	Body 32	Weight and height based routine chest protocol.
35.9.1	RC 40.5-55.0kg (89.3 - 121.3lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	160	Std	6.00	103.08	150.000	Body 32	Weight and height based routine chest protocol.

Pediatric Abodmen

Table 4-12

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
36.1.1	Abd 6.0-7.5kg (13.2 - 16.5 lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	170	Std	6.37	63.98	78.750	Body 32	Weight and height based routine abdominal protocol.
36.2.1	Abd 7.5-9.5kg (16.5 - 20.9 lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	180	Std	6.74	75.33	90.000	Body 32	Weight and height based routine abdominal protocol.
36.3.1	Abd 9.5-11.5kg (20.9 - 25.4 lbs)		Helical	Large	1.35 13.5	0.50	3.75	10.00	120	180	Std	6.74	82.92	101.250	Body 32	Weight and height based routine abdominal protocol.
36.4.1	Abd 11.5-14.5kg (25.4 - 32.0 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	140	Std	5.25	69.21	110.000	Body 32	Weight and height based routine abdominal protocol.
36.5.1	Abd 14.5-18.5kg (32.0 - 40.8 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	140	Std	5.25	74.46	120.000	Body 32	Weight and height based routine abdominal protocol.
36.6.1	Abd 18.5-22.5kg (40.8 - 49.6 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	150	Std	5.62	85.39	130.000	Body 32	Weight and height based routine abdominal protocol.
36.7.1	Abd 22.5-31.5kg (49.6 - 69.5 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	160	Std	6.00	103.08	150.000	Body 32	Weight and height based routine abdominal protocol.
36.8.1	Abd 31.5-40.5kg (69.5 - 89.3 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	170	Std	6.37	109.52	150.000	Body 32	Weight and height based routine abdominal protocol.
36.9.1	Abd 40.5-55.0kg (89.3 - 121.3 lbs)		Helical	Large	1.35 13.5	0.50	5	10.00	120	180	Std	6.74	149.69	200.000	Body 32	Weight and height based routine abdominal protocol.

LightSpeed Plus 90kVA

Head

Table 5-1

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.1	Routine head 2.5&7.5mm 120kvp		Axial	Head	2i	2.00	2.5	5.00	120	160	Std	75.16	375.82	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.1	Routine head 2.5&7.5mm 120kvp		Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.2	Routine head 2.5&7.5mm 140kvp		Axial	Head	2i	2.00	2.5	5.00	140	140	Std	89.66	448.31	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation 140kvp
21.2	Routine head 2.5&7.5mm 140kvp		Axial	Head	2i	2.00	7.5	15.00	140	80	Std	40.25	301.84	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation 140kvp
21.3	Routine head 2.5 & 7.5mm - AutomA		Axial	Head	2i	2.00	2.5	5.00	140	AutomA 50-170mA NI=3.80 Avg mA= 160	Std	102.47	512.35	47.500	Head 16	Routine Head protocol for the brain abnormalities evaluation with Auto mA
21.3	Routine head 2.5 & 7.5mm - AutomA		Axial	Head	2i	2.00	7.5	15.00	120	AutomA 50-200mA NI=2.40 Avg mA= 120	Std	44.28	332.11	67.500	Head 16	Routine Head protocol for the brain abnormalities evaluation with Auto mA
21.4	Routine head 5 mm - AutomA		Axial	Head	1i	2.00	5	5.00	140	AutomA 10-170mA NI=2.80 Avg mA= 150	Std	96.07	480.33	45.000	Head 16	Routine Head 5mm protocol for the brain abnormalities evaluation with Auto mA

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.4	Routine head 5 mm - AutomA		Axial	Head	2i	2.00	5	10.00	120	AutomA 50-200mA NI=2.80 Avg mA= 120	Std	45.01	315.08	65.000	Head 16	Routine Head 5mm protocol for the brain abnormalities evaluation with Auto mA
21.5	Trauma Head 5&10mm/2i		Axial	Head	2i	1.00	5	10.00	120	160	Std	30.01	150.04	45.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.5	Trauma Head 5&10mm/2i		Axial	Head	2i	1.00	10	20.00	120	80	Std	13.40	107.21	70.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.6	Trauma Head - AutomA		Axial	Head	2i	1.00	5	10.00	120	AutomA 50-200mA NI=2.80 Avg mA= 160	Std	30.01	150.04	45.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with Auto mA.
21.6	Trauma Head - AutomA		Axial	Head	2i	1.00	10	20.00	120	AutomA 50-200mA NI=2.20 Avg mA= 85	Std	14.24	113.91	70.000	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with Auto mA.
21.7	Circle of Willis 0.8sec		Helical	Head	0.75 3.75	0.80	1.25	5.00	120	230	Std	65.37	571.29	79.800	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.8	Circle of Willis 0.6sec		Helical	Head	0.75 3.75	0.60	1.25	5.00	120	315	Std	67.14	586.89	79.800	Head 16	CT angiography of the Circle of Willis using SmartmA for cerebral vascular evaluation
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2.00	2.5	5.00	140	160	Std	102.47	512.35	47.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	543.08	1086.16	15.000	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2.00	2.5	5.00	140	170	Std	108.88	544.38	47.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	603.41	1206.82	15.000	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.11	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2.00	2.5	5.00	120	170	Std	79.86	399.31	47.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for tumor.
21.11	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2.00	7.5	15.00	120	120	Std	44.28	332.11	67.500	Head 16	Non-Enhance Skull Base region scan , Evaluation for tumor.
21.11	CT Perfusion Brain Tumor	CT Perfusion	Cine	Head	4i	1.00	5	20.00	80	200	Std	603.41	1206.82	15.000	Head 16	Non-Enhance Skull Base region scan , Evaluation for tumor.

Orbit

Table 5-2

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
22.1	Sinus Supine Helical 5mm		Helical	Head	0.75 7.5	1.00	5	10.00	120	150	Bone	37.51	509.85	115.000	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.2	Sinus Prone Tilted Axial		Axial	Head	2i	1.00	2.5	5.00	120	240	Std	63.95	639.46	97.500	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.3	Sinus Prone Tilted Helical 3.75mm		Helical	Head	0.75 7.5	1.00	3.75	10.00	120	200	Bone	50.01	673.55	116.250	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Prone scan
22.4	IAC Cor & Axial 1.25/4i		Axial	Head	4i	2.00	1.25	5.00	120	120	Std	56.37	225.49	38.750	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.4	IAC Cor & Axial 1.25/4i		Axial	Head	4i	2.00	1.25	5.00	120	120	Std	56.37	225.49	38.750	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Orbits Helical 2.5mm		Helical	Head	0.75 3.75	1.00	2.5	5.00	120	170	Std	53.24	481.64	80.000	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.6	Orbits Helical 2.5mm - AutomA		Helical	Head	0.75 3.75	1.00	2.5	5.00	120	AutomA 40-200mA NI=3.80 Avg mA= 170	Std	53.24	481.64	80.000	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.7	IAC Cor & Axial 0.63/2i		Axial	Head	2i	2.00	0.625	1.25	140	150	Std	109.84	429.04	38.425	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
22.7	IAC Cor & Axial 0.63/2i		Axial	Head	2i	2.00	0.625	1.25	140	150	Std	109.84	415.20	37.165	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	120	200	Std	54.15	210.26	37.170	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	120	200	Std	54.15	210.26	37.170	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Neck

Table 5-3

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.1	C-Spine C5-C7		Axial	Large	2i	2.00	2.5	5.00	140	170	Std	56.42	874.53	152.500	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities
23.2	C-Spine C1-C4		Axial	Large	2i	2.00	2.5	5.00	120	120	Std	28.95	260.55	87.500	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities.
23.3	C-Spine C5-C7 - Auto mA		Axial	Large	2i	2.00	2.5	5.00	140	Auto mA 50-300mA NI=9.10 Avg mA= 170	Std	56.42	874.53	152.500	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with Auto mA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.4	C-Spine C1-C4 - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 80-200mA NI=9.10 Avg mA= 120	Std	28.95	260.55	87.500	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with AutomA.
23.5	Carotid/CoW 0.8 sec		Helical	Large	1.5 7.5	0.80	1.25	5.00	120	320	Std	23.17	411.91	170.000	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.6	Carotid/CoW 0.6 sec		Helical	Large	1.5 7.5	0.60	1.25	5.00	140	380	Std	28.39	504.80	170.000	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.7	Soft Tissue Neck 0.8s		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	250	Std	25.43	438.54	150.000	Body 32	Evaluation of the cervical soft tissue abnormality.
23.8	Soft Tissue Neck 0.5s		Helical	Large	0.75 11.25	0.50	3.75	15.00	120	400.00	Std	25.43	438.72	150.000	Body 32	Evaluation of the cervical soft tissue abnormality.
23.9	Soft Tissue Neck 0.8s - AutomA		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	AutomA 80-440mA NI=7.02 Avg mA= 250	Std	25.43	438.54	150.000	Body 32	Evaluation of the cervical soft tissue abnormality with AutomA.
23.10	Soft Tissue Neck 0.5s - AutomA		Helical	Large	0.75 11.25	0.50	3.75	15.00	120	AutomA 80-440mA NI=7.02 Avg mA= 400	Std	25.43	438.72	150.000	Body 32	Evaluation of the cervical soft tissue abnormality with AutomA.

Shoulder

Table 5-4

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
24.1	Shoulder		Helical	Large	0.75 11.25	1.00	3.75	15.00	140	240	Std	41.99	519.14	101.250	Body 32	Evaluation of soft tissue and bone structure of shoulder .
24.2	Shoulder - AutomA		Helical	Large	0.75 3.75	1.00	2.5	5.00	140	SmartmA 50-380mA NI=14.27 Avg mA= 250	Std	62.26	687.79	100.000	Body 32	Evaluation of soft tissue and bone structure of shoulder with AutomA.

Chest

Table 5-5

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.1	Routine Chest 0.8s		Helical	Large	0.75 11.25	0.80	5	15.00	120	120	std	11.99	271.68	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.2	Routine Chest 0.5s		Helical	Large	0.75 11.25	0.50	5	15.00	120	190	std	11.87	268.93	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec.
25.3	Routine Chest 0.8s - AutomA		Helical	Large	0.75 11.25	0.80	5	15.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 120	std	11.99	271.68	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec AutomA.
25.4	Routine Chest 0.5sec - AutomA		Helical	Large	0.75 11.25	0.50	5	15.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 190	std	11.87	268.93	200.000	Body 32	Routine Evaluation of mediastinum and lungs, 0.5sec AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.5	Chest Fast 0.8s		Helical	Large	1.5 30	0.80	7.5	20.00	120	230.00	std	11.47	277.54	202.500	Body 32	Routine Evaluation of mediastinum and lungs, 0.8sec.
25.6	Chest Fast 0.6s		Helical	Large	1.5 22.5	0.60	7.5	15.00	120	310.00	std	11.83	281.10	202.500	Body 32	Routine Evaluation of mediastinum and lungs.
25.7	Chest Abd Pelvis 0.8s		Helical	Large	0.75 15	0.80	5	20.00	120	150.00	std	13.49	242.09	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.7	Chest Abd Pelvis 0.8s		Helical	Large	0.75 15	0.80	5	20.00	120	190.00	std	17.09	554.49	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.8	Chest Abd Pelvis 0.6s		Helical	Large	0.75 15	0.60	5	20.00	120	210.00	std	15.71	281.89	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.8	Chest Abd Pelvis 0.6s		Helical	Large	0.75 15	0.60	5	20.00	120	260.00	std	19.45	631.02	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.9	Chest Abd Pelvis 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 150	std	13.49	242.09	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.9	Chest Abd Pelvis 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	SmartmA 50-440mA NI=10.99 Avg mA= 190	std	17.09	554.49	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.10	Chest Abd Pelvis 0.6s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	SmartmA 50-440mA NI=11.57 Avg mA= 210	std	15.71	281.89	150.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.10	Chest Abd Pelvis 0.6s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	SmartmA 80-440mA NI=10.99 Avg mA= 260	std	19.45	631.02	295.000	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.6sec). Evaluation abnormalities of chest, abdomen and pelvis with AutomA.
25.11	Hi Res chest 0.8s		Axial	Large	1i	0.80	1.25	1.25	120	220	Bone	7.20	180.00	240.000	Body 32	Evaluation of lung tissue in high resolution mode, 0.8sec.
25.12	Hi Res chest 0.6s		Axial	Large	1i	0.60	1.25	1.25	120	300	Bone	7.36	184.09	240.000	Body 32	Evaluation of lung tissue in high resolution mode, 0.6sec.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.13	PE 0.8S		Helical	Large	1.5 7.5	0.80	2.5	5.00	120	320	std	23.17	444.06	180.000	Body 32	Evaluation of PE 0.8S
25.14	PE 0.6s		Helical	Large	1.5 7.5	0.60	2.5	5.00	140	380	std	28.39	544.18	180.000	Body 32	Evaluation of PE 0.6S
25.15	Aortic Dissection 0.8s		Helical	Large	1.5 7.5	0.80	2.5	5.00	120	320	std	23.17	603.36	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.8s.
25.16	Aortic Dissection 0.6s		Helical	Large	1.5 7.5	0.60	2.5	5.00	140	380	std	28.39	739.38	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.6s.
25.17	Aortic Dissection 0.8s AutomA		Helical	Large	1.5 7.5	0.80	2.5	5.00	120	SmartmA 100-440mA NI=12.84 Avg mA= 320	std	23.17	603.36	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.8s with AutomA.
25.18	Aortic Dissection 0.6s AutomA		Helical	Large	1.5 7.5	0.60	2.5	5.00	140	SmartmA 100-380mA NI=12.84 Avg mA= 380	std	28.39	739.38	248.750	Body 32	Evaluation for aortic dissection with SmartPrep, 0.6s with AutomA.
25.19	SmartScore Gated 0.8s		Cine Segment	Large	4i	0.80	2.5	10.00	120	230	std	14.89	178.71	117.500	Body 32	ECG gated scan for cardiovascular calcification evaluation.
25.20	SmartScore Gated 0.5s		Cine Segment	Large	4i	0.50	2.5	10.00	120	370	std	16.47	197.65	117.500	Body 32	ECG gated scan for cardiovascular calcification evaluation.
25.21	SnapShot Segment		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities.
25.21	SnapShot Segment		Cardiac Segment	Large	0.25 1.25	0.50	1.25		120	300	std	81.46	857.38	100.000	Body 32	Evaluation for aortic dissection with SmartPrep, 0.7s.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.22	SnapShot Segment Burst		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	ECG gated scan for cardiovascular calcification evaluation.
25.22	SnapShot Segment Burst		Cardiac Burst	Large	0.3 1.5	0.50	1.25		120	300	std	67.88	714.48	100.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities.
25.23	SnapShot Segment Burst Plus		Axial	Large	1i	0.80	5	5.00	120	40	std	46.32	23.16	0.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities.
25.23	SnapShot Segment Burst Plus		Cardiac Burst+	Large	0.275 1.37	0.60	1.25		120	300	std	88.87	935.32	100.000	Body 32	no-enhanced scan for Evaluation of heart and coronary vessels abnormalities
25.24	SmartScore Ungated 60 BPM or less		Cine Segment	Large	4i	0.80	2.5	10.00	120	230	std	40.49	323.91	77.500	Body 32	Cardiovascular calcification evaluation.
25.25	SmartScore Ungated Greater 60BPM		Cine Segment	Large	4i	0.80	2.5	5.00	120	230	std	35.83	322.51	87.500	Body 32	Cardiovascular calcification evaluation.
25.26	SmartScore Ungated 0.5s		Cine Segment	Large	4i	0.50	2.5	10.00	120	340	Std	35.77	357.74	97.500	Body 32	Cardiovascular calcification evaluation.
25.27	Lung Assesment 2.5mm 0.8s		Helical	Large	0.75 3.75	0.80	1.25	5.00	120	60	std	7.72	160.26	200.000	Body 32	Lung Assesment - Plus Mode
25.28	Lung Assesment 2.5mm 0.5s		Helical	Large	0.75 3.75	0.50	1.25	5.00	120	90	std	7.24	150.26	200.000	Body 32	Lung Assesment - Plus Mode

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.29	Lung Analysis (ALA) 1.25mm 0.8s		Helical	Large	1.5 7.5	0.80	1.25	5.00	120	80	std	5.15	106.93	200.000	Body 32	Lung Analysis
25.30	Lung Analysis (ALA) 1.25mm 0.5s		Helical	Large	1.5 7.5	0.50	1.25	5.00	120	100	std	4.02	83.56	200.000	Body 32	Lung Analysis

Abdomen

Table 5-6

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.1	Abdomen Pelvis 0.8s		Helical	Large	0.75 11.25	0.80	5	15.00	120	190.00	Std	18.99	809.91	400.000	Body 32	Evaluation for abdominal abnormalities
26.2	Abdomen Pelvis 0.6s		Helical	Large	0.75 11.25	0.60	5	15.00	120	260.00	Std	19.84	846.25	400.000	Body 32	Evaluation for abdominal abnormalities
26.3	Abdomen Pelvis 0.8s - AutomA		Helical	Large	0.75 11.25	0.80	5	15.00	120	AutomA 50-440mA NI=10.41 Avg mA= 190	Std	18.99	809.91	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA
26.4	Abdomen Pelvis 0.6s - AutomA		Helical	Large	0.75 11.25	0.60	5	15.00	120	AutomA 50-440mA NI=10.41 Avg mA= 260	Std	19.84	846.25	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.5	Abdomen Pelvis Fast 0.8s		Helical	Large	1.5 22.5	0.80	5	15.00	120	260.00	Std	13.23	565.30	400.000	Body 32	Evaluation for abdominal abnormalities.
26.6	Abdomen Pelvis Fast 0.6s		Helical	Large	1.5 22.5	0.60	5	15.00	120	350.00	Std	13.35	570.82	400.000	Body 32	Evaluation for abdominal abnormalities.
26.7	Abdomen Pelvis Fast 0.8s - AutomA		Helical	Large	1.5 22.5	0.80	5	15.00	120	AutomA 50-440mA NI=11.57 Avg mA= 260	Std	13.23	565.30	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA.
26.8	Abdomen Pelvis Fast 0.6s - AutomA		Helical	Large	1.5 22.5	0.60	5	15.00	120	AutomA 50-440mA NI=11.57 Avg mA= 350	Std	13.35	570.82	400.000	Body 32	Evaluation for abdominal abnormalities with AutomA.
26.9	Renal Stone 0.8s		Helical	Large	0.75 15	0.80	5	20.00	120	220.00	Std	21.94	942.22	400.000	Body 32	Evaluation of kidney for renal stones.
26.10	Renal Stone 0.6s		Helical	Large	0.75 15	0.60	5	20.00	120	300.00	Std	22.44	963.74	400.000	Body 32	Evaluation of kidney for renal stones.
26.11	Renal Stone 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 220	Std	21.94	942.22	400.000	Body 32	Evaluation of kidney for renal stones with AutomA.
26.12	Renal Stone 0.6s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 300	Std	22.44	963.74	400.000	Body 32	Evaluation of kidney for renal stones with AutomA.
26.13	Dual Pancreas 0.8s		Helical	Large	0.75 15	0.80	5	20.00	120	150	Std	13.49	134.13	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.13	Dual Pancreas 0.8s		Helical	Large	0.75 15	0.80	2.5	5.00	120	280	Std	20.27	327.73	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.13	Dual Pancreas 0.8s		Helical	Large	0.75 15	0.80	5	20.00	120	220	Std	21.94	766.68	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.14	Dual Pancreas 0.6s		Helical	Large	0.75 15	0.80	5	20.00	120	150	Std	13.49	134.13	70.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.14	Dual Pancreas 0.6s		Helical	Large	1.5 7.5	0.60	2.5	5.00	120	380	Std	20.64	333.62	150.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.14	Dual Pancreas 0.6s		Helical	Large	0.75 15	0.60	5	20.00	120	300	Std	22.44	784.21	320.000	Body 32	Non contrast of upper abdominal structures for pancreas.
26.15	Dual Pancreas 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 150	Std	13.49	134.13	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.15	Dual Pancreas 0.8s - AutomA		Helical	Large	1.5 7.5	0.80	2.5	5.00	120	AutomA 50-440mA NI=12.84 Avg mA= 280	Std	20.27	327.73	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.15	Dual Pancreas 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=10.41 Avg mA= 220	Std	21.94	766.68	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.16	Dual Pancreas 0.6s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 150	Std	13.49	134.13	70.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.16	Dual Pancreas 0.6s - AutomA		Helical	Large	1.5 7.5	0.60	2.5	5.00	120	AutomA 50-440mA NI=14.43 Avg mA= 380	Std	20.64	333.62	150.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.16	Dual Pancreas 0.6s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	AutomA 50-440mA NI=11.57 Avg mA= 300	Std	22.44	784.21	320.000	Body 32	Non contrast of upper abdominal structures for pancreas with AutomA.
26.17	Dual Liver 0.8S		Helical	Large	0.75 15	0.80	5	20.00	120	150	Std	13.49	215.10	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.17	Dual Liver 0.8S		Helical	Large	0.75 15	0.80	5	20.00	120	190	Std	17.09	272.46	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.17	Dual Liver 0.8S		Helical	Large	1.5 22.5	0.80	5	15.00	120	230	Std	11.70	500.07	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.18	Dual Liver 0.6S		Helical	Large	0.75 15	0.60	5	20.00	120	150	Std	13.49	215.10	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.18	Dual Liver 0.6S		Helical	Large	0.75 15	0.60	5	20.00	120	260	Std	19.45	310.11	130.000	Body 32	Non contrast of upper abdominal structures for liver.
26.18	Dual Liver 0.6S		Helical	Large	1.5 22.5	0.60	5	15.00	120	310	Std	11.83	505.59	400.000	Body 32	Non contrast of upper abdominal structures for liver.
26.19	Dual Liver 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 150	Std	13.49	215.10	130.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.19	Dual Liver 0.8s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=11.57 Avg mA= 190	Std	17.09	272.46	130.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.
26.19	Dual Liver 0.8s - AutomA		Helical	Large	1.5 22.5	0.80	5	15.00	120	AutomA 50-440mA NI=11.57 Avg mA= 230	Std	11.70	500.07	400.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.
26.20	Dual Liver 0.6s - AutomA		Helical	Large	0.75 15	0.80	5	20.00	120	AutomA 50-440mA NI=12.73 Avg mA= 150	Std	13.49	215.10	130.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.
26.20	Dual Liver 0.6s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	AutomA 50-440mA NI=11.57 Avg mA= 260	Std	19.45	310.11	130.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.
26.20	Dual Liver 0.6s - AutomA		Helical	Large	1.5 22.5	0.60	5	15.00	120	AutomA 50-440mA NI=11.57 Avg mA= 310	Std	11.83	505.59	400.000	Body 32	Non contrast of upper abdominal structures for liver with AutomA.
26.21	AAA 0.8S		Helical	Large	1.5 7.5	0.80	2.5	5.00	120	300	Std	21.72	894.21	400.000	Body 32	Evaluation for abdominal aortic aneurysm.
26.22	AAA 0.6S		Helical	Large	1.5 7.5	0.60	2.5	5.00	140	350	Std	26.15	1076.54	400.000	Body 32	Evaluation for abdominal aortic aneurysm.
26.23	CT Perfusion Body Tumor		Helical	Large	1.5 15	0.80	5	10.00	120	200	Std	10.17	125.42	100.000	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.23	CT Perfusion Body Tumor		Cine	Large	4i	1.00	5	20.00	120	60	Std	227.77	455.53	15.000	Body 32	CT Perfusion using Cine scan mode, evaluation of abdominal perfusion.
26.24	Colonography0.8s		Helical	Large	1.5 15	0.80	2.5	10.00	120	100	Std	5.09	262.24	500.000	Body 32	Evaluation of colonography
26.25	Colonography0.5s		Helical	Large	1.5 15	0.50	2.5	10.00	120	100	Std	3.82	196.72	500.000	Body 32	Evaluation of colonography
26.26	Aorta with Peripheral 0.6s		Helical	Large	1.5 15	0.60	2.5	10.00	140	360	Soft	20.04	1634.77	800.000	Body 32	Evaluation of aorta with peripheral

L-Spine

Table 5-7

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	140	180	Std	67.24	201.73	27.500	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.2	L-Spine Survey Axial 5mm		Axial	Large	2i	2.00	5	10.00	120	100	Std	19.08	343.36	75.000	Body 32	Axial scan mode, Limited evaluation of lumbar spine
27.3	L-Spine Helical		Helical	Large	0.75 7.5	1.00	2.5	10.00	140	360.00	Std	66.81	1268.11	75.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 100-440mA NI=14.27 Avg mA= 160	Std	38.60	115.80	73.860	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 100-440mA NI=14.27 Avg mA= 160	Std	38.60	115.80	73.860	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	140	AutomA 100-380mA NI=14.27 Avg mA= 180	Std	67.24	201.37	65.930	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine with AutomA.
27.5	L-Spine Survey Axial 5mm - AutomA		Axial	Large	2i	2.00	5	10.00	120	AutomA 80-440mA NI=12.73 Avg mA= 100	Std	19.08	343.36	75.000	Body 32	Axial scan mode Limited evaluation of lumbar spine with AutomA
27.6	L-Spine Helical - AutomA		Helical	Large	0.75 7.5	1.00	2.5	10.00	140	AutomA 80-440mA NI=14.27 Avg mA= 360	Std	66.81	1268.11	75.000	Body 32	Helical scan mode with 2.5mm. Limited evaluation of lumbar spine with AutomA

Pelvis

Table 5-8

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
28.1	Pelvis for Fracture		Helical	Large	0.75 7.5	1.00	3.75	10.00	120	200	Bone	25.43	302.98	100.700	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec).
28.2	Pelvis for Fracture 3.75mm - AutomA		Helical	Large	0.75 7.5	1.00	3.75	10.00	140	AutomA 80-440mA NI=12.35 Avg mA= 200	Bone	37.12	442.18	100.700	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec) with AutomA.
28.3	Pelvis for Fracture 5mm - AutomA		Helical	Large	0.75 7.5	1.00	5	10.00	140	AutomA 80-440mA NI=11.18 Avg mA= 145	Bone	25.37	306.76	100.000	Body 32	Evaluation of pelvis bone structures for fracture,5mm(1sec)with AutomA.

Lower Extremity

Table 5-9

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
29.1	Lower Extremity 3.75mm		Helical	Large	0.75 7.5	1.00	3.75	10.00	120	150	Std	19.08	99.53	33.750	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.2	Ankle 1.25mm		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	180	Std	28.95	159.18	47.400	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
29.3	Ankle 0.63mm		Helical	Large	1 1.25	1.00	0.625	1.25	120	200	Std	27.79	136.62	47.500	Body 32	Evaluation of soft tissue and bone anatomy of the ankle.
29.4	Lower Extremity 3.75mm - Auto mA		Helical	Large	0.75 7.5	1.00	3.75	10.00	120	Auto mA 40-200mA NI=12.35 Avg mA= 150	Std	19.08	99.53	33.750	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.5	Ankle 1.25mm - Auto mA		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	Auto mA 40-200mA NI=17.37 Avg mA= 180	Std	28.95	159.18	47.400	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.6	Ankle 0.63mm - Auto mA		Helical	Large	1 1.25	1.00	0.625	1.25	120	Auto mA 40-200mA NI=17.90 Avg mA= 150	Std	27.79	136.62	47.500	Body 32	Evaluation of soft tissue and bone anatomy of the ankle.

Pediatric Head

Table 5-10

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
31.1	PED HEAD TO 18 Months		Axial	Ped	2i	1.00	5	10.00	120	120	Std	22.51	45.01	15.000	Head 16	Routine head for infant (up to 18 months)5mm
31.1	PED HEAD TO 18 Months		Axial	Ped	2i	1.00	5	10.00	120	100	Std	18.75	131.28	65.000	Head 16	Routine head for infant (up to 18 months)5mm
31.2	PED HEAD 18 Months to 5 Years		Axial	Head	4i	1.00	3.75	15.00	120	170	Std	31.37	94.10	26.250	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 3.75mm
31.2	PED HEAD 18 Months to 5 Years		Axial	Head	2i	1.00	7.5	15.00	120	90	Std	16.61	124.54	67.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm
31.3	PED HEAD 5 Years TO 18 Years		Axial	Head	2i	1.00	2.5	5.00	120	230	Std	61.28	153.20	22.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.3	PED HEAD 5 Years TO 18 Years		Axial	Head	2i	1.00	7.5	15.00	120	120	Std	22.14	166.05	67.500	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm

Pediatric Chest

Table 5-11

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
35.1.1	RC 6.0-7.5kg (13.2 - 16.5lbs)		Helical	Large	0.75 7.5	0.80	3.75	10.00	120	60	Std	6.10	57.04	75.000	Body 32	Weight and height based routine chest protocol.
35.2.1	RC 7.5-9.5kg (16.5 - 20.9lbs)		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	70	Std	7.00	68.15	75.000	Body 32	Weight and height based routine chest protocol.
35.3.1	RC 9.5-11.5kg (20.9 - 25.4lbs)		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	75	Std	7.50	75.83	78.750	Body 32	Weight and height based routine chest protocol.
35.4.1	RC 11.5-14.5kg (25.4 - 32.0lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	80	Std	7.20	85.93	90.000	Body 32	Weight and height based routine chest protocol.
35.5.1	RC 14.5-18.5kg (31.5 - 40.5lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	85	Std	7.65	91.30	90.000	Body 32	Weight and height based routine chest protocol.
35.6.1	RC 18.5-22.5kg (40.8 - 49.6lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	90	Std	8.10	96.67	90.000	Body 32	Weight and height based routine chest protocol.
35.7.1	RC 22.5-31.5kg (49.6 - 69.5lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	100	Std	9.00	116.41	100.000	Body 32	Weight and height based routine chest protocol.
35.8.1	RC 31.5-40.5kg (69.5 - 89.3lbs)		Helical	Large	0.75 15	0.80	7.5	20.00	120	110	Std	9.90	155.51	120.000	Body 32	Weight and height based routine chest protocol.
35.9.1	RC 40.5-55.0kg (89.3 - 121.3lbs)		Helical	Large	0.75 15	0.80	7.5	20.00	120	120	Std	10.80	202.03	150.000	Body 32	Weight and height based routine chest protocol.

Pediatric Abdomen

Table 5-12

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
36.1.1	Abd 6.0-7.5kg (13.2 - 16.5 lbs)		Helical	Large	0.75 7.5	0.80	3.75	10.00	120	80	Std	8.14	79.11	78.750	Body 32	Weight and height based routine abdominal protocol.
36.2.1	Abd 7.5-9.5kg (16.5 - 20.9 lbs)		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	90	Std	8.99	101.12	90.000	Body 32	Weight and height based routine abdominal protocol.
36.3.1	Abd 9.5-11.5kg (20.9 - 25.4 lbs)		Helical	Large	0.75 11.25	0.80	3.75	15.00	120	90	Std	8.99	111.24	101.250	Body 32	Weight and height based routine abdominal protocol.
36.4.1	Abd 11.5-14.5kg (25.4 - 32.0 lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	100	Std	9.00	125.41	110.000	Body 32	Weight and height based routine abdominal protocol.
36.5.1	Abd 14.5-18.5kg (32.0 - 40.5 lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	100	Std	9.00	134.40	120.000	Body 32	Weight and height based routine abdominal protocol.
36.6.1	Abd 18.5-22.5kg (40.8 - 49.6 lbs)		Helical	Large	0.75 11.25	0.80	5	15.00	120	110	Std	10.99	172.09	130.000	Body 32	Weight and height based routine abdominal protocol.
36.7.1	Abd 22.5-31.5kg (49.6 - 69.5 lbs)		Helical	Large	0.75 15	0.80	5	20.00	120	120	Std	10.80	193.67	150.000	Body 32	Weight and height based routine abdominal protocol.
36.8.1	Abd 31.5-40.5kg (69.5 - 89.3 lbs)		Helical	Large	0.75 15	0.80	7.5	20.00	120	140	Std	12.59	235.70	150.000	Body 32	Weight and height based routine abdominal protocol.
36.9.1	Abd 40.5-55.0kg (89.3 - 121.3 lbs)		Helical	Large	0.75 15	0.80	7.5	20.00	120	150	Std	13.49	323.38	202.500	Body 32	Weight and height based routine abdominal protocol.

LightSpeed Plus 75kVA

Head

Table 6-1

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.1	Routine Head 2.5 & 7.5mm/2i 120kvp		Axial	Head	2i	2	2.5	5.00	120	160	Std	75.16	375.82	47.50	Head 16	Routine Head protocol for the brain abnormalities evaluation
21.1	Routine Head 2.5 & 7.5mm/2i 120kvp		Axial	Head	2i	2	7.5	15.00	120	120	Std	44.28	332.11	67.50	Head 16	Routine Head protocol for the brain abnormalities evaluation.
21.2	Routine Head 2.5 & 7.5mm/2i 140kvp		Axial	Head	2i	2	2.5	5.00	140	140	Std	89.66	448.31	47.50	Head 16	Routine Head protocol for the brain abnormalities evaluation.
21.2	Routine Head 2.5 & 7.5mm/2i 140kvp		Axial	Head	2i	2	7.5	15.00	140	80	Std	40.25	301.84	67.50	Head 16	Routine Head protocol for the brain abnormalities evaluation.
21.3	Routine Head 2.5 & 7.5 - AutomA		Axial	Head	2i	2	2.5	5.00	140	AutomA 50-170mA NI=3.8 Avg mA= 160	Std	102.47	512.35	47.50	Head 16	Routine Head protocol for the brain abnormalities evaluation with AutomA.
21.3	Routine Head 2.5 & 7.5 - AutomA		Axial	Head	2i	2	7.5	15.00	120	AutomA 50-220mA NI=2.4 Avg mA= 120	Std	44.28	332.11	67.50	Head 16	Routine Head protocol for the brain abnormalities evaluation with AutomA.
21.4	Routine Head 5mm - AutomA		Axial	Head	1i	2	5	5.00	140	AutomA 10-170mA NI=2.8 Avg mA= 80	Std	51.24	256.18	45.00	Head 16	Routine Head protocol for the brain abnormalities evaluation with AutomA.
21.4	Routine Head 5mm - AutomA		Axial	Head	2i	2	5	10.00	120	AutomA 10-200mA NI=2.8 Avg mA= 180	Std	67.52	472.62	65.00	Head 16	Routine Head protocol for the brain abnormalities evaluation with AutomA.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.5	Trauma Head 5 & 10mm/2i		Axial	Head	2i	1	5	10.00	120	160	Std	30.01	150.04	45.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.5	Trauma Head 5 & 10mm/2i		Axial	Head	2i	1	10	20.00	120	80	Std	13.4	107.21	70.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation.
21.6	Trauma Head - AutomA		Axial	Head	2i	1	5	10.00	120	AutomA 50-200mA NI=2.8 Avg mA= 160	Std	30.01	150.04	45.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with AutomA.
21.6	Trauma Head - AutomA		Axial	Head	2i	1	10	20.00	120	AutomA 50-200mA NI=2.2 Avg mA= 80	Std	13.4	107.21	70.00	Head 16	Emergency head protocol for the brain and cranium abnormalities evaluation with AutomA.
21.7	Circle of Willis 0.7s		Helical	Head	0.75 3.75	0.7	1.25	5.00	120	265	Std	65.9	576.00	79.80	Head 16	CT angiography of the Circle of Willis for cerebral vascular evaluation
21.8	Circle of Willis 1.0 s		Helical	Head	0.75 3.75	1	1.25	5.00	120	190	Std	59.51	519.99	79.80	Head 16	CT angiography of the Circle of Willis for cerebral vascular evaluation
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2	2.5	5.00	140	160	Std	102.47	512.35	47.50	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Axial	Head	2i	2	7.5	15.00	120	120	Std	44.28	332.11	67.50	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
21.9	CT Perfusion 370/350 Strength	CT Perfusion	Cine	Head	4i	1	5	20.00	80	200	Std	543.08	1086.16	15.00	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2	2.5	5.00	140	170	Std	108.88	544.38	47.50	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Axial	Head	2i	2	7.5	15.00	120	120	Std	44.28	332.11	67.50	Head 16	Non-Enhance Skull Base region scan , Evaluation for hemorrhage or infarction
21.10	CT Perfusion 300/320 Strength	CT Perfusion	Cine	Head	4i	1	5	20.00	80	200	Std	603.41	1206.82	15.00	Head 16	Cerebral blood flow perfusion evaluation.
21.11	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2	2.5	5.00	120	170	Std	79.86	399.21	47.50	Head 16	Cerebral blood flow perfusion evaluation for tumor.
21.11	CT Perfusion Brain Tumor	CT Perfusion	Axial	Head	2i	2	7.5	15.00	120	120	Std	44.28	332.11	67.50	Head 16	Cerebral blood flow perfusion evaluation for tumor.
21.11	CT Perfusion Brain Tumor	CT Perfusion	Cine	Head	4i	1	5	20.00	80	200	Std	603.41	1206.82	15.00	Head 16	Cerebral blood flow perfusion evaluation for tumor.

Orbit

Table 6-2

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
22.1	Sinus Supine Helical 5mm		Helical	Head	0.75 7.5	1.00	5	10.00	120	150	Bone	37.51	509.85	115.00	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Supine scan.
22.2	Sinus Prone Tilted Axial		Axial	Head	2i	1.00	2.5	5.00	120	240	Std	63.95	639.46	97.50	Head 16	Evaluation for abnormality of paranasal sinus soft tissues and bone structures, Prone scan
22.3	Sinus Prone Tilted Helical 3.75mm		Helical	Head	0.75 7.5	1.00	3.75	10.00	120	200	Std	50.01	673.55	116.25	Head 16	Evaluation for abnormality of orbit soft tissues and bone structures
22.4	IAC Cor & Axial 1.25/4i		Axial	Head	4i	2.00	1.25	5.00	120	120	Std	56.37	225.49	38.75	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.5	Orbits Helical 2.5mm		Helical	Head	0.75 73.75	1.00	2.5	5.00	120	170	Std	53.24	481.64	80.00	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.6	Orbits Helical 2.5mm - Auto mA		Helical	Head	0.75 73.75	1.00	2.5	5.00	120	Auto mA 40-200mA NI=3.8 Avg mA= 170	Std	53.24	481.64	80.00	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.7	IAC Cor & Axial 0.63/2i		Axial	Head	2i	2.00	0.625	1.25	140	150	Std	109.84	429.04	38.43	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	120	200	Std	54.15	210.26	37.17	Head 16	Evaluation for Inner Auditory Canal abnormalities.
22.8	IAC Cor & Axial 0.63/Helical		Helical	Head	1 1.25	1.00	0.625	1.25	120	200	Std	54.15	210.26	37.17	Head 16	Evaluation for Inner Auditory Canal abnormalities.

Neck

Table 6-3

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.1	C-Spine C5-C7		Axial	Large	2i	2.00	2.5	5.00	140	170	Std	56.42	874.53	152.50	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities .
23.2	C-Spine C1-C4		Axial	Large	2i	2.00	2.5	5.00	120	120	Std	28.95	260.55	88.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities.
23.3	C-Spine C5-C7 -Auto mA		Axial	Large	2i	2.00	2.5	5.00	140	Auto mA 50-300mA NI=9.10 Avg mA= 170	Std	56.42	874.53	152.50	Body 32	Evaluation for C5-C7 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities .
23.4	C-Spine C1-C4 Auto mA		Axial	Large	2i	2.00	2.5	5.00	120	Auto mA 80-200mA NI=9.10 Avg mA= 120	Std	28.95	260.55	88.50	Body 32	Evaluation for C1-C4 Cervical Spine area soft tissue, intervertebral disc and bone abnormalities with Smart mA.
23.5	Carotid/CoW 0.7 s		Helical	Large	1.5 7.5	0.70	1.25	5.00	120	350	Std	22.18	394.23	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.6	Carotid/CoW 1.0 s		Helical	Large	1.5 7.5	1.00	1.25	5.00	140	230	Std	28.64	509.09	170.00	Body 32	CT angiography evaluation of Carotid Artery and the Circle of Willis.
23.7	Soft Tissue Neck 0.7s		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	285	Std	25.37	437.47	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.
23.8	Soft Tissue Neck 1.0 s		Helical	Large	0.75 11.25	1.00	3.75	15.00	120	200	Std	24.98	430.70	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
23.9	Soft Tissue Neck 0.7s - AutomA		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	AutomA 80-350mA NI=7.02 Avg mA= 285	Std	25.37	437.47	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.
23.10	Soft Tissue Neck 1.0 s - AutomA		Helical	Large	0.75 11.25	1.00	3.75	15.00	120	AutomA 80-350mA NI=7.02 Avg mA= 200	Std	24.98	430.70	150.00	Body 32	Evaluation of the cervical soft tissue abnormality.

Shoulder

Table 6-4

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
24.1	Shoulder		Helical	Large	0.75 11.25	1.00	3.75	15.00	140	240	Std	41.99	519.14	101.25	Body 32	Evaluation of soft tissue and bone structure of shoulder .
24.2	Shoulder - AutomA		Helical	Large	0.75 3.75	1.00	2.5	5.00	140	AutomA 50-300mA NI=14.27 Avg mA= 295	Std	73.47	811.59	100.00	Body 32	Evaluation of soft tissue and bone structure of shoulder .

Chest

Table 6-5

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.1	Routine Chest 0.7s		Helical	Large	0.75 11.25	0.70	5	15.00	120	135	std	11.80	267.45	200.00	Body 32	Routine Evaluation of mediastinum and lungs
25.2	Routine Chest 1.0s		Helical	Large	0.75 11.25	1.00	5	15.00	120	95	std	11.87	268.81	200.00	Body 32	Routine Evaluation of mediastinum and lungs.
25.3	Routine Chest 0.7s - AutomA		Helical	Large	0.75 11.25	0.70	5	15.00	120	SmartmA 50-350mA NI=11.57 Avg mA= 135	std	11.80	267.45	200.00	Body 32	Routine Evaluation of mediastinum and lungs with AutomA
25.4	Routine Chest 1.0 sec - AutomA		Helical	Large	0.75 11.25	1.00	5	15.00	120	SmartmA 50-350mA NI=11.57 Avg mA= 95	std	11.87	268.81	200.00	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.5	Chest Fast 0.7s		Helical	Large	1.5 30	0.70	7.5	20.00	120	265.00	std	11.56	279.81	202.50	Body 32	Evaluation of lung tissue with routine and high resolution mode.
25.6	Chest Fast 1.0 s		Helical	Large	1.5 22.5	1.00	7.5	15.00	120	185.00	std	11.56	274.48	202.50	Body 32	Evaluation of lung tissue with routine and high resolution mode with AutomA.
25.7	Chest Abd Pelvis 0.7s		Helical	Large	0.75 15	0.70	5	20.00	120	170.00	std	13.38	240.09	150.00	Body 32	Evaluation of lung tissue in high resolution mode, 0.8sec 1.25mm AutomA.
25.7	Chest Abd Pelvis 0.7s		Helical	Large	0.75 15	0.70	5	20.00	120	215.00	std	18.76	608.71	96.97	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (1.0sec, AutomA) . Evaluation abnormalities of chest, abdomen and pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.8	Chest Abd Pelvis 1.0s		Helical	Large	0.75 15	0.60	5	20.00	120	125.00	std	14.06	252.11	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (1.0sec, AutomA) . Evaluation abnormalities of chest, abdomen and pelvis.
25.8	Chest Abd Pelvis 1.0s		Helical	Large	0.75 15	0.60	5	20.00	120	155.00	std	17.43	565.35	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec) with AutomA. Evaluation abnormalities of chest, abdomen and Pelvis.
25.9	Chest Abd Pelvis 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	SmartmA 50-350mA NI=11.57 Avg mA= 170	std	13.38	240.09	150.00	Body 32	Evaluation of lung tissue in high resolution mode, 0.8sec 1.25mm AutomA.
25.9	Chest Abd Pelvis 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	SmartmA 50-350mA NI=10.99 Avg mA= 215	std	18.76	608.71	96.97	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (1.0sec, AutomA) . Evaluation abnormalities of chest, abdomen and pelvis.
25.10	Chest Abd Pelvis 1.0s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	SmartmA 50-350mA NI=11.57 Avg mA= 125	std	14.06	252.11	150.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (1.0sec, AutomA) . Evaluation abnormalities of chest, abdomen and pelvis.
25.10	Chest Abd Pelvis 1.0s - AutomA		Helical	Large	0.75 15	0.60	5	20.00	120	SmartmA 80-350mA NI=10.99 Avg mA= 155	std	17.43	565.35	295.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec) with AutomA. Evaluation abnormalities of chest, abdomen and Pelvis.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.11	Hi Res chest 0.7s		Axial	Large	1i	0.70	1.25	1.25	120	200	Bone	4.83	120.68	240.00	Body 32	Multigroup helical scan for Chest, Abdomen, Pelvis (0.8sec). Evaluation abnormalities of chest, abdomen and pelvis.
25.12	Hi Res chest 1.0s		Axial	Large	1i	1.00	1.25	1.25	120	180	Bone	6.21	155.16	240.00	Body 32	Evaluation Chest for pulmonary embolism, 1.0sec.
25.13	PE 0.7S		Helical	Large	1.5 7.5	0.70	2.5	5.00	120	350	std	22.18	424.98	180.00	Body 32	Evaluation Chest for pulmonary embolism, 0.8sec.
25.14	PE 1.0s		Helical	Large	1.5 7.5	1.00	2.5	5.00	140	230	std	28.64	548.82	180.00	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.15	Aortic Dissection 0.7s		Helical	Large	1.5 7.5	0.70	2.5	5.00	120	350	std	22.18	577.44	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.16	Aortic Dissection 1.0s		Helical	Large	1.5 7.5	1.00	2.5	5.00	140	230	std	28.64	745.73	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.17	Aortic Dissection 0.7s AutomA		Helical	Large	1.5 7.5	0.70	2.5	5.00	120	SmartmA 100-350mA NI=12.84 Avg mA= 350	std	22.18	577.44	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 0.625mm.
25.18	Aortic Dissection 1.0s AutomA		Helical	Large	1.5 7.5	1.00	2.5	5.00	140	SmartmA 100-300mA NI=12.84 Avg mA= 230	std	28.64	745.73	248.75	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.19	SmartScore Gated 0.7s		Cine	Large	4i	0.70	2.5	10.00	120	265	Std	15.28	183.38	117.50	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.24	SmartScore Ungated 60 BPM or less		Cine Segment	Large	4i	0.70	2.5	10.00	120	265	std	47.45	379.63	77.50	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.25	SmartScore Ungated Greater 60BPM		Cine Segment	Large	4i	0.70	2.5	10.00	120	265	std	42.09	378.83	87.50	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.27	Lung Assesment 2.5mm 0.7s		Helical	Large	0.75 3.75	0.70	1.25	5.00	120	65	Bone	7.32	151.92	200.00	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
25.28	Lung Assesment 2.5mm 0.5s		Helical	Large	0.75 3.75	0.50	1.25	5.00	120	90	std	7.24	150.26	200.00	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.29	Lung Analysis (ALA) 1.25mm 0.7s		Helical	Large	1.5 7.5	0.70	1.25	5.00	120	90	std	5.07	105.26	200.00	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.
25.30	Lung Analysis (ALA) 1.25mm 1.0s		Helical	Large	1.5 7.5	0.50	1.25	5.00	120	50	std	4.02	83.56	200.00	Body 32	Evaluation for aortic dissection with SmartPrep, 1.25mm.

Abdomen

Table 6-6

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.1	Abdomen Pelvis 0.7s		Helical	Large	0.75 11.25	0.70	5	15.00	120	215.00	Std	19.14	816.38	400.00	Body 32	Evaluation for abdominal abnormalities with AutomA.
26.2	Abdomen Pelvis 1.0s		Helical	Large	0.75 11.25	0.60	5	15.00	120	155.00	Std	19.36	825.83	400.00	Body 32	Evaluation for abdominal abnormalities with AutomA.
26.3	Abdomen Pelvis 0.7s - AutomA		Helical	Large	0.75 11.25	0.70	5	15.00	120	AutomA 50-350mA NI=10.41 Avg mA= 215	Std	19.14	816.38	400.00	Body 32	Evaluation for abdominal abnormalities with AutomA.
26.4	Abdomen Pelvis 1.0s - AutomA		Helical	Large	0.75 11.25	0.60	5	15.00	120	AutomA 50-350mA NI=10.41 Avg mA= 155	Std	19.36	825.83	400.00	Body 32	Evaluation for abdominal abnormalities.
26.5	Abdomen Pelvis Fast 0.7s		Helical	Large	1.5 22.5	0.70	5	15.00	120	295.00	Std	13.13	561.25	400.00	Body 32	Evaluation for abdominal abnormalities
26.6	Abdomen Pelvis Fast 1.0s		Helical	Large	1.5 22.5	1.00	5	15.00	120	210.00	Std	13.35	570.64	400.00	Body 32	Evaluation for abdominal abnormalities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.7	Abdomen Pelvis Fast 0.7s - AutomA		Helical	Large	1.5 22.5	0.70	5	15.00	120	AutomA 50-350mA NI=11.57 Avg mA= 295	Std	13.13	561.25	400.00	Body 32	Evaluation for abdominal abnormalities
26.8	Abdomen Pelvis Fast 1.0s - AutomA		Helical	Large	1.5 22.5	1.00	5	15.00	120	AutomA 50-350mA NI=11.57 Avg mA= 210	Std	13.35	570.64	400.00	Body 32	Evaluation for abdominal abnormalities
26.9	Renal Stone 0.7s		Helical	Large	0.75 15	0.70	5	20.00	120	250.00	Std	21.82	936.90	400.00	Body 32	Evaluation of kidney for renal stones with AutomA.
26.10	Renal Stone 1.0s		Helical	Large	0.75 15	1.00	5	20.00	120	180.00	Std	20.24	869.07	400.00	Body 32	Evaluation of kidney for renal stones with AutomA.
26.11	Renal Stone 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 250	Std	21.82	936.90	400.00	Body 32	Evaluation of kidney, ureters and bladder for renal stones
26.12	Renal Stone 1.0s - AutomA		Helical	Large	0.75 15	1.00	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 180	Std	20.24	869.07	400.00	Body 32	Evaluation of kidney, ureters and bladder for renal stones
26.13	Dual Pancreas 0.7s		Helical	Large	0.75 15	0.70	5	20.00	120	170	Std	13.38	133.03	70.00	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation.
26.13	Dual Pancreas 0.7s		Helical	Large	0.75 15	0.70	2.5	5.00	120	320	Std	20.27	327.73	150.00	Body 32	Emergency protocol for the abdominal trauma abnormalities evaluation.
26.13	Dual Pancreas 0.7s		Helical	Large	0.75 15	0.70	5	20.00	120	250	Std	21.82	762.35	320.00	Body 32	Evaluation for abdominal aortic aneurysm.
26.14	Dual Pancreas 1.0s		Helical	Large	0.75 15	1.00	5	20.00	120	170	Std	13.38	133.03	70.00	Body 32	Non contrast of upper abdominal structures for liver.
26.14	Dual Pancreas 1.0s		Helical	Large	1.5 7.5	1.00	2.5	5.00	120	230	Std	20.82	336.46	150.00	Body 32	Arterial phase for the evaluation of liver with contrast medium enhancement.
26.14	Dual Pancreas 1.0s		Helical	Large	0.75 15	1.00	5	20.00	120	180	Std	20.24	707.14	320.00	Body 32	Venous phase for the evaluation of liver with contrast medium enhancement.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.15	Dual Pancreas 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 170	Std	13.38	133.03	70.00	Body 32	Non contrast of upper abdominal structures for pancreas.
26.15	Dual Pancreas 0.7s - AutomA		Helical	Large	0.75 15	0.70	2.5	5.00	120	AutomA 50-350mA NI=12.84 Avg mA= 320	Std	20.27	327.73	150.00	Body 32	Arterial phase for the evaluation of pancreas with contrast medium enhancement.
26.15	Dual Pancreas 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	AutomA 50-350mA NI=10.41 Avg mA= 250	Std	21.82	762.35	320.00	Body 32	Venous phase for the evaluation of pancreas with contrast medium enhancement.
26.16	Dual Pancreas 1.0s - AutomA		Helical	Large	0.75 15	1.00	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 120	Std	13.49	134.07	70.00	Body 32	Non-Enhance abdominal scan.
26.16	Dual Pancreas 1.0s - AutomA		Helical	Large	1.5 7.5	1.00	2.5	5.00	120	AutomA 50-350mA NI=12.84 Avg mA= 230	Std	20.82	336.46	150.00	Body 32	CT Perfusion using Cine scan mode, Evaluation of abdominal tumor.
26.16	Dual Pancreas 1.0s - AutomA		Helical	Large	0.75 15	1.00	5	20.00	120	AutomA 50-350mA NI=11.57 Avg mA= 180	Std	20.24	707.14	320.00	Body 32	Helical scan mode, Supine acquisition for evaluation of the colon with colonography.
26.17	Dual Liver 0.7S		Helical	Large	0.75 15	0.70	5	20.00	120	170	Std	13.38	213.32	130.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.17	Dual Liver 0.7S		Helical	Large	0.75 15	0.70	5	20.00	120	215	Std	18.76	299.11	130.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities
26.17	Dual Liver 0.7S		Helical	Large	1.5 22.5	0.70	5	15.00	120	265	Std	11.79	504.17	400.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasucular structures of abdomen, femurs and lower extremities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.18	Dual Liver 1.0S		Helical	Large	0.75 15	1.00	5	20.00	120	150	Std	16.87	268.79	130.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.18	Dual Liver 1.0S		Helical	Large	0.75 15	1.00	5	20.00	120	155	Std	17.43	277.75	130.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.18	Dual Liver 1.0S		Helical	Large	1.5 22.5	1.00	5	15.00	120	185	Std	11.56	493.82	400.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.19	Dual Liver 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 215	Std	18.76	299.11	130.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.19	Dual Liver 0.7s - AutomA		Helical	Large	0.75 15	0.70	5	20.00	120	AutomA 50-350mA NI=11.57 Avg mA= 215	Std	18.76	299.11	130.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.19	Dual Liver 0.7s - AutomA		Helical	Large	1.5 22.5	0.70	5	15.00	120	AutomA 50-350mA NI=11.57 Avg mA= 265	Std	11.79	504.17	400.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.20	Dual Liver 1.0s - AutomA		Helical	Large	0.75 15	1.00	5	20.00	120	AutomA 50-350mA NI=12.73 Avg mA= 150	Std	16.87	268.79	130.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.20	Dual Liver 1.0s - AutomA		Helical	Large	0.75 15	1.00	5	20.00	120	AutomA 50-350mA NI=11.57 Avg mA= 155	Std	17.43	277.75	130.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.20	Dual Liver 1.0s - AutomA		Helical	Large	1.5 22.5	1.00	5	15.00	120	AutomA 50-350mA NI=11.57 Avg mA= 185	Std	11.56	493.82	400.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.21	AAA 0.7S		Helical	Large	1.5 7.5	0.70	2.5	5.00	120	345	Std	21.86	899.80	400.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.22	AAA 1.0S		Helical	Large	1.5 7.5	1.00	2.5	5.00	140	210	Std	26.15	1076.42	400.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.23	CT Perfusion Body Tumor		Helical	Large	1.5 15	0.70	5	10.00	120	230	Std	10.86	133.88	100.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.23	CT Perfusion Body Tumor		Cine	Large	4i	1.00	5	20.00	120	60	Std	227.77	455.53	15.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.24	Colonography0.7s		Helical	Large	1.5 15	0.70	2.5	10.00	120	115	Std	5.12	263.89	500.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.24	Colonography0.7s		Helical	Large	1.5 15	0.70	2.5	10.00	120	115	Std	5.12	263.89	500.00	Body 32	Helical scan mode 1.25mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities
26.25	Colonography1.0s		Helical	Large	1.5 15	1.00	2.5	10.00	120	60	Std	3.82	196.66	500.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
26.25	Colonography1.0s		Helical	Large	1.5 15	1.00	2.5	10.00	120	60	Std	3.82	196.66	500.00	Body 32	Helical scan mode, prone acquisition for evaluation of the colon with colonography.
26.26	Aorta with Peripheral 0.7s		Helical	Large	1.5 15	0.60	2.5	10.00	140	300	Soft	19.49	1589.30	800.00	Body 32	Helical scan mode 2.5mm, Evaluation of vasacular structures of abdomen, femurs and lower extremities

L-Spine

Table 6-7

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.50	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	120	160	Std	38.60	115.80	27.50	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.1	L-Spine 3 Level Axial		Axial	Large	2i	2.00	2.5	5.00	140	180	Std	67.24	201.73	27.50	Body 32	Axial scan mode, Evaluation of soft tissue and bone structures lumbar spine.
27.2	L-Spine Survey Axial 5mm		Axial	Large	2i	2.00	5	10.00	120	100	Std	19.08	343.36	75.00	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
27.3	L-Spine Helical		Helical	Large	0.75 7.5	1.00	2.5	10.00	140	300.00	Std	55.68	1056.76	75.00	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 80-350mA NI=14.27 Avg mA= 180	Std	43.42	130.27	27.50	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	120	AutomA 80-350mA NI=14.27 Avg mA= 180	Std	43.42	130.27	27.50	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.
27.4	L-Spine 3 Level Axial - AutomA		Axial	Large	2i	2.00	2.5	5.00	140	AutomA 80-300mA NI=14.27 Avg mA= 180	Std	67.24	201.37	27.50	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.
27.5	L-Spine Survey Axial 5mm - AutomA		Axial	Large	2i	2.00	5	10.00	120	AutomA 80-350mA NI=12.73 Avg mA= 100	Std	19.08	343.36	75.00	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.
27.6	L-Spine Helical - AutomA		Helical	Large	0.75 7.5	1.00	2.5	10.00	140	AutomA 80-300mA NI=14.27 Avg mA= 300	Std	55.68	1056.76	75.00	Body 32	Axial scan mode with AutomA, Evaluation of soft tissue and bone structures lumbar spine.

Pelvis

Table 6-8

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
28.1	Pelvis for Fracture		Helical	Large	0.75 7.5	1.00	3.75	10.00	120	200	Bone	25.43	302.98	100.70	Body 32	Evaluation of pelvis bone structures for fracture,3.75mm(1sec)
28.2	Pelvis for Fracture 3.75mm - AutomA		Helical	Large	0.75 7.5	1.00	3.75	10.00	140	AutomA 80-300mA NI=12.35 Avg mA= 200	Bone	37.12	442.18	100.70	Body 32	Evaluation of pelvis bone structures for fracture with AutomA,3.75mm(1sec)
28.3	Pelvis for Fracture 5mm - AutomA		Helical	Large	0.75 7.5	1.00	5	10.00	140	AutomA 80-300mA NI=10.41 Avg mA= 145	Bone	25.37	306.76	100.00	Body 32	Evaluation of pelvis bone structures for fracture with AutomA,3.75mm(1sec)

Lower Extremity

Table 6-9

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
29.1	Lower Extremity 3.75mm		Helical	Large	0.75 3.75	1.00	3.75	10.00	120	150	Std	19.08	99.53	33.75	Body 32	Helical scan mode in 0.625mm, evaluation of lower extremity for abnormalities.
29.2	Ankle 1.25mm		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	180	Std	28.95	159.18	47.40	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.
29.3	Ankle 0.63mm		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	200	Std	32.17	177.19	47.50	Body 32	Helical scan mode 1.25 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.
29.4	Lower Extremity 3.75mm - AutomA		Helical	Large	0.75 3.75	1.00	3.75	10.00	120	AutomA 40-200mA NI=12.35 Avg mA= 150	Std	19.08	99.53	33.75	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle.
29.5	Ankle 1.25mm - AutomA		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	AutomA 40-200mA NI=17.37 Avg mA= 180	Std	28.95	159.18	47.40	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.
29.6	Ankle 0.63mm - AutomA		Helical	Large	0.75 3.75	1.00	1.25	5.00	120	AutomA 40-200mA NI=17.37 Avg mA= 200	Std	32.17	177.19	47.50	Body 32	Helical scan mode 0.625 mm, Evaluation of soft tissue and bone anatomy of the ankle with AutomA.

Pediatric Head

Table 6-10

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
31.1	PED HEAD TO 18 Months		Axial	Ped	2i	1.00	5	10.00	120	120	Std	22.51	45.01	15.00	Head 16	Routine head for infant (up to 18 months) 5mm
31.1	PED HEAD TO 18 Months		Axial	Ped	2i	1.00	5	10.00	120	100	Std	18.75	131.28	65.00	Head 16	Routine head (1.0sec) for children (18 months to 5 years) 3.75mm
31.2	PED HEAD 18 Months to 5 Years		Axial	Head	4i	1.00	3.75	15.00	120	170	Std	31.37	94.10	26.25	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.2	PED HEAD 18 Months to 5 Years		Axial	Head	2i	1.00	7.5	15.00	120	90	Std	16.61	124.54	67.50	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm
31.3	PED HEAD 5 Years TO 18 Years		Axial	Head	2i	1.00	2.5	5.00	120	230	Std	61.28	153.20	22.50	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 2.5mm
31.3	PED HEAD 5 Years TO 18 Years		Axial	Head	2i	1.00	7.5	15.00	120	120	Std	22.14	166.05	67.50	Head 16	Routine head (1.0sec) for children (5 years to 18 years) 7.5mm

Pediatric Chest

Table 6-11

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
35.1.1	RC 6.0-7.5kg (13.2 - 16.5lbs)		Helical	Large	0.75 7.5	0.70	3.75	10.00	120	70	Std	6.23	58.23	75.00	Body 32	Weight and height based routine chest protocol.
35.2.1	RC 7.5-9.5kg (16.5 - 20.9lbs)		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	80	Std	7.00	68.16	75.00	Body 32	Weight and height based routine chest protocol.
35.3.1	RC 9.5-11.5kg (20.9 - 25.4lbs)		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	85	Std	7.43	75.21	78.75	Body 32	Weight and height based routine chest protocol.
35.4.1	RC 11.5-14.5kg (25.4 - 32.0lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	90	Std	7.08	84.60	90.00	Body 32	Weight and height based routine chest protocol.
35.5.1	RC 14.5-18.5kg (31.5 - 40.5lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	95	Std	7.48	89.30	90.00	Body 32	Weight and height based routine chest protocol.
35.6.1	RC 18.5-22.5kg (40.8 - 49.6lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	105	Std	8.27	98.70	90.00	Body 32	Weight and height based routine chest protocol.
35.7.1	RC 22.5-31.5kg (49.6 - 69.5lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	115	Std	9.05	117.15	100.00	Body 32	Weight and height based routine chest protocol.
35.8.1	RC 31.5-40.5kg (69.5 - 89.3lbs)		Helical	Large	0.75 15	0.70	7.5	20.00	120	125	Std	9.84	154.64	120.00	Body 32	Weight and height based routine chest protocol.
35.9.1	RC 40.5-55.0kg (89.3 - 121.3lbs)		Helical	Large	0.75 15	0.70	7.5	20.00	120	135	Std	10.63	198.89	150.00	Body 32	Weight and height based routine chest protocol.

Pediatric Abdomen

Table 6-12

Protocol Number	GE Protocol Name	Post Process	Scan Type	SFOV	Pitch Table Speed Row	Rotation time (Seconds)	Thickness (mm)	Beam Collimation (mm)	kV	mA Min-Max, NI Avg mA	Recon Type	CTDIvol (mGy)	DLP (mGy-cm)	Scan Length (mm)	Phantom (cm)	Description
36.1.1	Abd 6.0-7.5kg (13.2 - 16.5 lbs)		Helical	Large	0.75 7.5	0.70	3.75	10.00	120	90	Std	8.01	77.88	78.75	Body 32	Weight and height based routine abdominal protocol.
36.2.1	Abd 7.5-9.5kg (16.5 - 20.9 lbs)		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	105	Std	9.18	103.24	90.00	Body 32	Weight and height based routine abdominal protocol.
36.3.1	Abd 9.5-11.5kg (20.9 - 25.4 lbs)		Helical	Large	0.75 11.25	0.70	3.75	15.00	120	105	Std	9.18	113.56	101.25	Body 32	Weight and height based routine abdominal protocol.
36.4.1	Abd 11.5-14.5kg (25.4 - 32.0 lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	115	Std	9.05	126.20	110.00	Body 32	Weight and height based routine abdominal protocol.
36.5.1	Abd 14.5-18.5kg (32.0 - 40.5 lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	115	Std	0.05	135.25	120.00	Body 32	Weight and height based routine abdominal protocol.
36.6.1	Abd 18.5-22.5kg (40.8 - 49.6 lbs)		Helical	Large	0.75 11.25	0.70	5	15.00	120	125	Std	10.93	171.13	130.00	Body 32	Weight and height based routine abdominal protocol.
36.7.1	Abd 22.5-31.5kg (49.6 - 69.5 lbs)		Helical	Large	0.75 15	0.70	5	20.00	120	135	Std	10.63	190.66	150.00	Body 32	Weight and height based routine abdominal protocol.
36.8.1	Abd 31.5-40.5kg (69.5 - 89.3 lbs)		Helical	Large	0.75 15	0.70	7.5	20.00	120	160	Std	12.59	235.72	150.00	Body 32	Weight and height based routine abdominal protocol.
36.9.1	Abd 40.5-55.0kg (89.3 - 121.3 lbs)		Helical	Large	0.75 15	0.70	7.5	20.00	120	170	Std	13.38	320.70	202.50	Body 32	Weight and height based routine abdominal protocol.

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Imagination at work