

PEDIATRIC LOW DOSE CRANIOFACIAL GE REVOLUTION 256

CTDI: 0-4yr: ≤ 2 mGy 5-16: ≤ 4 mGy

Scan Parameters:

- Start scan from below the mandible through the top of the head

Setup: LAT scout from below the mandible through the top of the head

DFOV: Appropriate for patient's body habitus. ≤ 25 cm

PACS SERIES

1. SCOUT
2. BONE AX
3. ST AX
4. BRAIN AX
5. BONE COR 1x1
6. BONE SAG 1x1
7. ST COR 1x1
8. ST SAG 1x1
9. 3D - 360 AND TUMBLE VRT
10. DOSE REPORT

Acquisition Parameters

PT AGE	0-18mo	19m-6y	7y-14y	15+
Scan Type	HELICAL	HELICAL	HELICAL	HELICAL
Scan FOV	PED HEAD	SM HEAD	SM HEAD	HEAD
mA *Smart mA/ODM	35	40	60	55
kVp *kV assist	100	120	120	120
Pitch & Speed (mm/s)	0.984:1 (140.63mm/s)	0.984:1 (140.63 mm/s)	0.984:1 (112.50 mm/s)	0.984:1 (112.50 mm/s)
Detector Coverage *Smart Coverage	40mm	40mm	40mm	40mm
Thick	1.25	1.25mm	1.25mm	1.25mm
Speed	0.28	0.28	0.35	0.35

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Reconstruction Parameters

RECON 1(ST AX)	400/40
Algorithm	STND#
ASIR	70%
Recon Type	HELICAL FULL
Slice Thickness	1.25
Increment	1.25
RECON 2 (Bone AX)	3000/500
Algorithm	BONE PLUS
ASIR	50%
Recon Type	HELICAL FULL
Slice Thickness	1.25
Increment	1.25
RECON 3 (BONE REF)	3000/500
Algorithm	BONE PLUS
ASIR	50%
Recon Type	PLUS
Slice Thickness	0.625
Increment	0.3125
RECON 4 (ST REF)	400/40
Algorithm	STND#
ASIR	70%
Recon Type	HELICAL PLUS
Slice Thickness	0.625
Increment	0.3125