

Child Sinus

Siemens 16 Slice

Application Examples: sinusitis

Oral Contrast	No
IV Contrast / Volume	No

Technical Factors

Detector Collimator	Acq 16 x 1.2
kV / mAs / Rotation Time (seconds)	80kV / 110 mAs / 0.6
Care Dose 4D	On
Pitch	0.8
Typical CTDIvol	6.92 mGy

Topogram: Lateral, 256 mm

Sinus	Width / Increment	Kernel	Window	FOV	Series Description	Networking
Recon 1	5 x 5	C60s	Sinuses	120	AXIAL	PACS
Recon 2	1.5 x 0.7	C60s	Sinuses	120	AXIAL 1.5 x 0.7 BONE	PACS

This protocol is used on patients between 0 months 6 years of age.

Patient Position: Position head so the GML is perpendicular to the table in a symmetrical position (no rotation or tilt).

Scan Range: Top of frontal sinuses through maxillary teeth.

Reformations: Post processing done in 3D card. Coronal and sagittal MPRs reconstructed perpendicular to hard palate.

Series: Sinus	Reformat Type	Width / Increment	Window	Series Description	Networking
Recon 2	Coronal MPR	3 x 3	Sinuses	COR	PACS
Recon 2	Sagittal MPR	3 x 3	Sinuses	SAG	PACS