

Sinus

Siemens Flash

Application Examples: inflammatory diseases, sinusitis, nasal polyp, mucocele

Oral Contrast	No
IV Contrast / Volume	No

Technical Factors

Scan Type	Spiral
Detector Collimator	Acq 32 x 1.2 mm
X-Care	Off
Care kV	Off / 100kV
Care Dose 4D	Off / 100 mAs
Rotation Time	1.0
Pitch	1.0
Typical CTDIvol	8.99 mGy \pm 50%

Topogram: Lateral, 256 mm

Sinus	Recon Type	Width / Increment	Algorithm	Safire	Window	FoV	Series Description	Networking	Post Processing
Recon 1	Axial	5 x 5	H70h	Off	Sinuses	120	AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	H70h	Off	Sinuses	120	COR	PACS	Coronal MPR
Recon 3	3D:SAG	3 x 3	H70h	Off	Sinuses	120	SAG	PACS	Sagittal MPR

This protocol is in spiral mode and used for all routine paranasal sinuses studies.

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

Scan Range: Entire frontal sinus through bottom of the maxillary teeth.



Recons and Reformations: Coronal and sagittal MPRs are done in examination card using raw data and reconstructed perpendicular to hard palate.