

SINUS COMPLETE HELICAL 64 Sensation

Indications	Sinus pain, sinus pressure, headache, facial pain, nasal drip, cough						
Diagnosis Task	Detect sinusitis, polyps, sinus masses						
Scan Mode	Helical						
Position/Landmark	1cm inferior to the chin-supine						
Topogram	Lat 80kV 50mA						
kVp/Reference mass	120kv 115mas						
Rotation time/pitch	1/0.55						
Detector Configuration	64x0.6						
Table Speed/Increment	21.12						
Dose reduction	CareDose 4D						
Allowed CTDI ranges*	30mGy-80mGy						
XR29 Dose Notification value	80mGy						
Helical Set-SUPINE		body	thickness			recon	
	recon	part	spacing	kernel	window	destination	
	1	SINUS	.6mmx .6mm	h70	very sharp	SINUSES	pac
	2	Coronal SINUS	1mmx 1mm	h60s	sharp	SINUSES	pac
	3	sinus Large FOV	1mmx 1mm	31	medium	mediastinum	pac
4	Sag sinus	1mmx1mm	h60s	sharp	sinuses	pac	
Scan start/end	1cm inferior to maxillary sinus						
	1cm superior to frontal sinus						
DFOV	25cm						
angle	none						
IV contrast volume/type	80ml isovue 370, 2cc/sec if needed						
Scan delay	60 seconds/Performed as directed by the supervising radiologist						
Mark Right side of patient with BB.							
Note:	The Diagnostic Reference Dose (CTDI vol) is 75mGy(with 16cm CTDI phantom). The pass/fail limit (ACR and Washington state) is 80mGy. Most routine head scans on modern scanners have CTDIvol ranges between 40 and 60mGy.						
	*The AAPM recommended NEXA XR29 Dose Notification Value for an adult head is 80mGy. The maximum CTDIvol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.						