

SINUS COMPLETE

Protocol to Use	2.1 Sinus				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:					
Indication:	Acute/Chronic Sinusitis, Headache				
Notes:					
CONTRAST:	Oral:	None			
	IV:	None			
 SERIES 1: Dual Scout	GE 120 kV/10 mA				
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CTS ER	PET CT
	OM S150/I100	OM	OM S150/I75	S150/I75	
 SERIES 2: Scan craniocaudal from above frontal sinuses to below maxillary sinuses					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical	Helical	Helical	
Detector Config	20mm	20mm	20mm	40mm	
Rotation	0.5	0.5	0.5	0.5	
Pitch/Speed	0.53/10.62	0.531/10.62	0.531/10.62	0.516/10.62	
SFOV	Head	Head	Head	Head	
kV	120	120	120	120	
mA Range	30	50	30	50	
NI	N/A	N/A	N/A	N/A	
Prep Group	N/A	N/A	N/A	N/A	
DFOV (cm)	12	12	12	12	
% Dose Reduction	N/A	40	40	4000%	
ASIR %	40	40	40	40	
CTDI (mGy)	4.94	8.4	5.4	7.33	
XR29 Dose Notification (mGy)	25	50	50	50	

	RECON 1	RECON 2	RECON 3	REFORMAT 1	REFORMAT 2
Series Descripton	Axial Sinus	Axial ST	Sinus Thin	Coronal Bone	Sagittal Bone
Type	Axial	Axial	Axial	Coronal	Sagittal
Start	Above Frontal Sinuses	Above Frontal Sinuses	Above Frontal Sinuses	Anterior	Left
End	Through Maxillary Sinus	Through Maxillary Sinus	Through Maxillary Sinus	Posterior	Right
Angle	0	0	0	0	0
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Ant to Post	Left to Right
Filter	Bone	Standard	Bone	Bone	Bone
Windowing	C300/W2000	C40/W350	C500/W2500	C500/W2500	C500/W2500
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	1.25	2.5	0.625	1.25	1.25
Increment (mm)	1.25	2.5	0.625	1.25	1.25
FOV in mm	20	25	25	25	25

	REFORMAT 3	REFORMAT 9	REFORMAT 10
Series Descripton	Coronal ST	MAR Bone	MAR ST

Type	Coronal	Axial	Axial
Start	Anterior	Above Frontal Sinuses	Above Frontal Sinuses
End	Posterior	Through Maxillary Sinus	Through Maxillary Sinus
Angle	0	0	0
Image Order	Ant to Post	Craniocaudal	Craniocaudal
Filter	Standard	Bone	Standard
Windowing	C40/W350	C350/W2000	C40/W350
Render Mode	Average	Average	Average
Slice (mm)	2.5	2.5	2.5
Increment (mm)	2.5	2.5	2.5
FOV in mm	25	25	25

Send to PACs
Approving Radiologist / Review Date: Dr. Praveen Rao 4/26/2023