

MAXILLOFACIAL BONES W/O

Protocol to Use	2.5 Facial Bones				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:	Scan above frontal sinus through mandible. No obliques unless a Rad requests them on a case by case basis.				
Indication:	Trauma, Boney lesion				
Notes:					
CONTRAST:	Oral:	None			
	IV:	None			
 SERIES 1: Dual Scout	GE 80 kV/10 mA				
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER (2.1)	PET CT
	OM S100/I100	OM S100/I100	OM	OM S100/I100	OM S100/I100
 SERIES 2: Scan craniocaudal from above frontal sinus to either hard palate or below mandible					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CT ES ER	PET CT
Scan Type	Helical	Helical	Helical	Helical	Helical
Detector Config	20mm	20mm	20mm	40mm	20mm
Rotation	0.5	0.4	0.4	0.5	0.5
Pitch/Speed	0.5/10.62	0.531/10.62	0.531/10.62	0.516/1	0.5/10.62
SFOV	Head	Head	Head	Head	Head
kV	120	120	120	120	120
mA Range	120	85	70	120	120
NI	N/A	N/A	N/A	N/A	N/A
Prep Group	N/A	N/A	N/A	N/A	N/A
DFOV (cm)	18	18	18	18	18
% Dose Reduction	N/A	N/A	N/A	N/A	N/A
ASIR %	40	50	40	40	40
CTDI (mGy)	11.19	11.19	10.1		11.19
XR29 Dose Notification (mGy)	80	80	80	80	80

	RECON 1	RECON 2	RECON 3	REFORMAT 1	RECON 4
Series Descripton	Axial ST	Axial Bone	Thin ST	Coronal ST	Thin Bone
Type	Axial	Axial	Axial	Coronal	Axial
Start	Above Frontal Sinus	Above Frontal Sinus	Above Frontal Sinus	Tip of Nose	Above Frontal Sinus
End	Through mandible	Through mandible	Through mandible	Though Mastoid Air Cells	Through mandible
Angle	0	0	0	Perpendicular to Hard Palate	0
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Anterior to Posterior	Craniocaudal
Filter	Standard	Bone Plus	Standard	Standard	Bone Plus
Windowing	C40/W350	C300/W2000	C40/W350	C40/W350	C300/W2500
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	2.5	1.25	0.625	2.5	0.625
Increment (mm)	2.5	1.25	0.625	2.5	0.625
FOV in mm	18	18	18	18	18

REFORMAT 2	REFORMAT 3	REFORMAT 4- If Needed	RECON 9-If Needed	RECON 10-If Needed
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Series Descripton	Sagittal Bone	Coronal Bone	Oblique	MAR ST	MAR Bone
Type	Sagittal	Coronal	Oblique	Axial	Axial
Start	Left	Tip of Nose	Anterior to mandible	Above Frontal Sinus	Above Frontal Sinus
End	Right	Though Mastoid Air Cells	Posterior/medial to mandible	Through mandible	Through mandible
Angle	90	Perpendicular to Hard Palate	Parallel to body of Mandible	0	0
Image Order	Left to Right	Anterior to Posterior	Anterior to Posterior	Craniocaudal	Craniocaudal
Filter	Bone	Bone	Bone	Standard	Bone
Windowing	C300/W2000	C300/W2000	C300/W2000	C40/W350	C350/W2000
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	1.25	1.25	1.25	2.5	2.5
Increment (mm)	1.25	1.25	1.25	2.5	2.5
FOV in mm	18	18	16	18	18

Send to PACs
Approving Radiologist / Review Date: Dr. Praveen Rao 11/30/22