

ORBITS W/					
Protocol to Use					
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:					
Indication:	Trauma, tumor, inflammation, congenital or vascular abnormalities				
Notes:	Scan after 40 second delay post contrast injection				
CONTRAST:	Oral:	None			
	IV:	75mL *HDI - Omnipaque 350 + 20ml Saline Pre-Flush and 30ml Saline Post-Flush *VDI - Omnipaque 300 @ 2mL/sec			
 SERIES 1: Dual Scout	GE 120 kV/10 mA				
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER (2.4)	PET CT
	OM S100/I100	OM S100/I100	OM S150/I75	OM S100/I100	
 SERIES 2: Scan craniocaudal from above to below orbits					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER	PET CT
Scan Type	Helical	Helical	Helical	Helical	
Detector Config	20mm	20mm	20mm	40mm	
Rotation	0.4	0.4	0.4	0.5	
Pitch/Speed	0.5/10.62	0.531/10.62	0.531/10.62	0.516/1	
SFOV	Head	Head	Head	Head	
kV	120	120	120	120	
mA	170	100	70	100	
NI	N/A	N/A	N/A	N/A	
Prep Group	40 Sec	40 Sec	40 Sec	40 Sec	
DFOV	18	18	18	18	
% Dose Reduction	40	40	50	N/A	
ASIR %	40	40	50	40	
CTDI (mGy)	13.17	13.17	10.1	14.66	
XR29 Dose Notification (mGy)	80	80	80	80	

	RECON 1	RECON 2	RECON 3	REFORMAT 1	REFORMAT 2
Series Descripton	Axial ST 2.5	Axial Bone	Thin Bone	Sagittal Bone	Coronal Bone
Type	Axial	Axial	Axial	Sagittal	Coronal
Start	Above Orbits	Above Orbits	Above Orbits	Skin Edge	Skin Edge
End	Below Orbits	Below Orbits	Below Orbits	Skin Edge	Skin Edge
Angle	Parallel to Hard Palate	0	Parallel to Hard Palate	0	0
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Left to Right	Left to Right
Filter	Standard	Bone	Bone	Bone	Bone
Windowing	C40/W350	C300/W2000	C300/W2500	C300/W2500	C300/W2501
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	2.5	1.25	0.625	1.25	1.25
Increment (mm)	2.5	1.25	0.625	1.25	1.25
FOV in mm	180	180	180	180	180

RECON 4	REFORMAT 3	REFORMAT 4	RECON 9-If Needed	RECON 10-If Needed
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Series Descripton	Thin ST	Sagittal ST	Coronal ST	MAR ST	MAR Bone
Type	Axial	Sagittal	Coronal	Axial	Axial
Start	Above Orbits	Skin Edge	Skin Edge	Above Orbits	Above Orbits
End	Below Orbits	Skin Edge	Skin Edge	Below Orbits	Below Orbits
Angle	0	0	0	0	0
Image Order	Craniocaudal	Left to Right	Left to Right	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Standard	Standard	Bone
Windowing	C40/W350	C40/W350	C40/W350	C40/W350	C350/W2000
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	0.625	2.5	2.5	2.5	2.5
Increment (mm)	0.625	2.5	2.5	2.5	2.5
FOV in mm	180	180	180	180	180

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