SOUTH GEORGIA
SG RA **Radiology**
ASSOCIATES

CT IAC / TEMPORAL BONE PROTOCOL
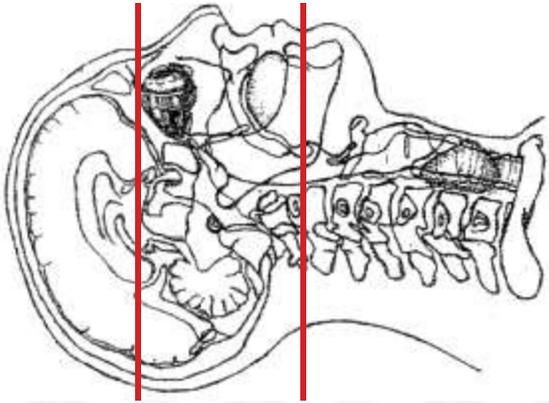
Patient position	Supine, IOML perpendicular to table
Contrast	NONE
Injection rate	NONE
Respiration	Breath hold
Scan parameters	Appropriate to achieve images as specified in the following table. Above sella through hard palate. HEAD SFOV
	Scan entire axial parameters, THEN go back to do individual recons of each side in BONY HI RES algorithm for the RIGHT and LEFT axial, coronal & sagittal planes.
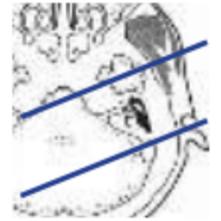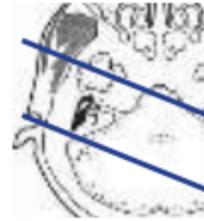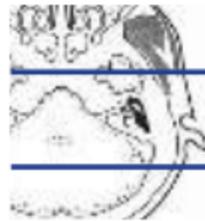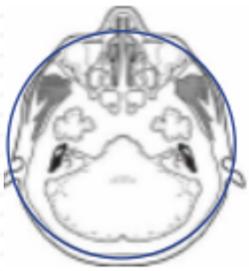
PLANE	ALGORITHM	THICKNESS	DFOV	
Axial	Soft tissue	1.0 mm	approx 180 mm	above sella through hard palate
Right Axial	**Bone HI RES**	**0.5 x 0.3 mm**	approx 90 mm	RECON of axial images above
Left Axial	**Bone HI RES**	**0.5 x 0.3 mm**	approx 90 mm	RECON of axial images above
Coronal (Right and left)	**Bone HI RES**	1.0 mm	approx 90 mm	MPR reformat TMJ through IAC
Sagittal (Right and left)	**Bone HI RES**	1.0 mm	approx 90 mm	MPR reformat Anterior to TMJ through IAC parallel to IAC

NOTES:
• LMP on pts of child-bearing age
• Shield children when possible
• Follow GFR and metformin protocol for contrast studies

Any deviation from protocol MUST be Radiologist approved. Rad Director will be notified if this occurs without prior approval.