CT TEMPORAL BONES-IACS-MASTOIDS
Maximum CTDI 90

<div align="right">GE- 2006</div>

Purpose: Helical scan of the Temporal Bone from the Mastoid Styloid through the Petrous Pyramid.

Note: Scan is usually performed without IV contrast but if ordered wet CONTACT the Radiologist prior to exam.

PT Prep: Remove all metal objects from head to eliminate artifacts

Series 1: **Scout LAT-Supine (head first) "0" at OM S 150 to I 50**

Acquisition #1 Display scout and prescribe slices from the tip of the Mastoid Styloid to cover entire Temporal Bone. Use Recon 1 to prescribe the **Right** temporal bone and use Recon 2 to prescribe the **Left** temporal bone. **Do Not** turn Recon 2 off and on, this will result in a scan of the right side twice. **You must manually set up Left side. Recon 3 is NOT to be turned on.**

Reconstruction: Bone Plus   **DFOV 9.6mm**

Technique:

	750 HD **SNGH room 2**	**Optima 660 (32s)** **SNGH OVIC**	**Optima 660 (64s)** **SNGH room 1**	**VCT (64s)** **SNGH room 3**
Noise	7.00	7.00	4.95	4.95
Interval	0.625mm	0.625mm	0.625mm	0.625mm
Axial/Helical Thickness	0.625 mm	0.625mm	0.625mm	0.625mm
Pitch	0.531:1	0.531:1	.531:1	0.531:1
Speed mm/rotation	10.62	10.62	10.62	10.62
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	20mm	20mm	20mm
Kv/mA	120KV/235mA	120KV/235mA	120KV/200mA	120KV/200mA
Scan Type	Helical 0.6 sec	Helical 0.6 sec	Helical 0.6 sec	Helical 0.6

Networking/ PACs: Send scouts
Send series 1 and 2 in a Bone Algorithm
Obtain and Send Coronal Recons off series 1 and 2 in Bone Algorithm
Send series 1 and 2 in a Standard Algorithm
Obtain and Send Coronal Recons off series 1 and 2 in Standard Algorithm

Original Date: 4-8-04   Approved by: Dr. K. Lanier, MCR
Revised Date: 11-9-04, 1-11-10, 9-16-10   12/8/10   01/28/13 12/15/15   Page 1 of 1