CT STEALTH HEAD

GE- 1004

Maximum CTDI _100_

Purpose: Imaging for surgical image guidance systems

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

Series 1:   **Scout LAT-Supine (head first) "0" at O   S 150 to I 75**

Series 2:   **Axial scan of the brain from the foramen magnum to the vertex**

Be sure to scan all the way **through** the top of the head.
No tissue should be visible on the last scan. Be sure ears are not folded over and appear in the DFOV.

Reconstruction: Standard   DFOV 23

Technique:

	750 HD SNGH room 2	Optima 660 (32s) SNGH OVIC	Optima 660 SNGH room 1	VCT (64s) SNGH room 3
Noise Level				
Interval	20mm	20mm	20mm	20mm
Axial/Helical Thickness	1.25mm	1.25mm	1.25mm	1.25mm
Pitch	N/A	N/A	N/A	N/A
Speed mm/rotation	N/A	N/A	N/A	N/A
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	20mm	20mm	20mm
KV/mA	120KV/275MA	120KV/250MA	120KV/180MA	120KV/180mA
Scan Type	Axial 1.0 sec	Axial 2.0sec	Axial 2.0 sec	Axial 2.0 sec
# of images per rotation	16i	16i	16i	16i

Networking/ PACs: Send scouts
Send series 2 Standard Algorithm
Recon and send bone images with bone algorithm
Recon and send MPR in 150/50 w/l.

Original Date: 4-8-04   Approved by: Dr. J. Campbell MCR
Revised Date: 11/9/04, 1/11/10, 12/8/10, 01/28/13, 12/15/15, 9/18/18, 08/18/20
GE MDCT