

CT CTV Head
Maximum CTDI __150

GE-

Note: Demonstrate the cerebral venous system

PT Prep: IV Contrast (follow MCR IV contrast dosing guidelines)

Series 1: **Scout AP & Lat “0” at OM**
 S 150 to I 150

Series 2 -

- The scan is started at C2 and will be scanned bottom up.
- 45 second delay:
- IV contrast per MCR IV contrast dosing guidelines with bolus flush at 4.5 cc sec.

Reconstruction: Standard DFOV 23

Technique:

	750 HD 128 (room 2)	Optima 660 (32) OVIC	Optima 660 (room 1)	VCT 64 (room 3)
Noise Level	7.00	12.00	12.00	12.00
Interval	5mm	5mm	5mm	5mm
Axial/Helical Thickness	5mm	5mm	5mm	5mm
Pitch	0.969:1	0.969:1	0.984:1	0.984:1
Speed mm/rotation	19.37	19.37	39.37	39.37
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	20mm	40mm	40mm
KV/mA	120KV/380mA	120KV/380mA	120KV/350mA	120KV/350mA
Scan Type	Helical 0.4	Helical 0.5	Helical 0.5	Helical 0.5

Networking/ PACs: Send scouts/smart prep pictures
 Send series 3 in Standard Algorithm
 Send Recon 2 in 950 WW & 250 WL to 3D
 Send Sagittal / Coronal / Axial all in MIP images

Original Date: 6/20/2022

Approved by: Dr. J. Campbell

GE MDCT