

CT For Brain Death

GE-

Maximum CTDI __75

Note: Establish Brain Death.

PT Prep: IV Contrast (follow IV contrast administration guidelines)
18g to 20g peripheral IV.
May need to tape patients head to reduce motion.

Series 1: **Scout AP & LAT "0" at OM**
S 150 to I 150

Series 2: **Dry Axial Scan C1 through vertex.**

Series 3: **120ml of IV contrast at 3ml/s**

20s after contrast injection has begun axial scan C1 through vertex.

60s after contrast injection has begun axial scan C1 through vertex.

Reconstruction: Standard DFOV 23

Technique: 20 second delay

	750 HD SNGH Room 2	VCT SNGH room 3	Optima 660 (32) SNGH OVIC	Optima 660 SNGH room 1
Noise Level	3.72	2.80	3.39	3.39
Interval	20mm	20mm	20 mm	20 mm
Axial/Helical Thickness	1.25mm	1.25mm	1.25mm	1.25mm
Pitch	0.5-1	0.5-1	0.5-1	0.5-1
Speed mm/rotation	n/a	n/a	n/a	n/a
Detector Rows	n/a	n/a	n/a	n/a
Detector Configuration	n/a	n/a	n/a	n/a
Beam Collimation	20mm	20mm	20mm	20mm
Kv/mA	120KV/170 mA	120KV/170 mA	120KV/170 mA	120KV/170 mA
Scan Type	Axial 2.0 sec	Axial 2.0 sec	Axial 2.0 sec	Axial 2.0 sec

Original Date: 07-21-17
Revised Date: 01/17/2020

Approved by: _ Dr. Donnal

GE MDCT

CT CT For Brain Death

GE-

Maximum CTDI 75

# of images per rotation	16i	16i	16i	16i
--------------------------	-----	-----	-----	-----

Networking/ PACs: Send Series 2 and 3 Standard Algorithm.
Recon and send Series 2 and 3 in 5mm Standard Algorithm.
Recon and send Coronal/Sagittal of series 2 and 3.

Original Date: 07-21-17
Revised Date: 01/17/2020

Approved by: _ Dr. Donnal

GE MDCT