

| | | | | | | | | |
|------------------------------|---------------|---|-----------------------|--------------------|-----------------------|--|-------------|-----------------------|
| INDICATION | | Neck pain | | | | | | |
| POSITION / LANDMARK | | Supine / SN | | | | | | |
| START/END LOCATIONS | | EAM through pedicle of T1. Caudal cranial | | | | | | |
| CONTRAST PARAMETERS | | na | | | | | | |
| RESPIRATORY PHASE | | na | | | | | | |
| SCAN DELAY | | na | | | | | | |
| SCAN TYPE | | Helical | | | | | | |
| | KV | mA | Rot Time (sec) | Pitch | Speed (mm/rot) | Noise Index | ASiR | Dose Reduction |
| | 120 | Smart mA 50-500 | 0.8 | 0.969:1 | 19.37 | 16 | | |
| TECHNIQUE | | Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images. | | | | | | |
| Scans | | | | | | | | |
| Series # | Series | Body Part | DFOV | Thick/Space | Algorithm | Notes | | |
| 1 | Loc | | | | | AP/Lat | | |
| 2 | Source data | CSP | 25 | 1.25 x 0.625 | Bone | This series does not go to PACS, but is used for recons. | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Recons | | | | | | | | |
| Recon source Series # | Recon | Body Part | Thick / Space | Algorithm | W/L | Notes | | |
| 2 | AX | CSP | 2x2 | STND | 350/40 | common angle with spinal cord, bone and STND should be reconstructed together to match | | |
| 2 | AX | CSP | 2x2 | Bone | 3500/800 | common angle with spinal cord, bone and STND should be reconstructed together to match | | |

*Please note, recons are displayed as thickness X spacing



CT CERVICAL
GE Revolution

Approval: E. Alvarez, MD

rev:1 8/2025

| | | | | | | |
|--------------------------------|-----|-----|-----|------|----------|--|
| 2 | COR | CSP | 2x1 | Bone | 3500/800 | |
| 2 | SAG | CSP | 2x1 | Bone | 3500/800 | |
| 2 | SAG | CSP | 2x1 | STND | 350/40 | |
| | | | | | | |
| | | | | | | |
| 2D / 3D Processing | | | | | | |
| Series required in PACS | | | | | | |
| Loc, Dose Report, ALL recons | | | | | | |

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing