

|                              |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
|------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|-----------------------|--------------------|-------------|-----------------------|
| <b>INDICATION</b>            |               | Mass, neck swelling                                                                                                                                                                                   |                       |                    |                       |                    |             |                       |
| <b>POSITION / LANDMARK</b>   |               | Supine / SN                                                                                                                                                                                           |                       |                    |                       |                    |             |                       |
| <b>START/END LOCATIONS</b>   |               | Start scan at temporal bone - end scan to include aortic arch scan direction - cranial/caudal                                                                                                         |                       |                    |                       |                    |             |                       |
| <b>CONTRAST PARAMETERS</b>   |               | 100ml of isovue 300                                                                                                                                                                                   |                       |                    |                       |                    |             |                       |
| <b>RESPIRATORY PHASE</b>     |               | na                                                                                                                                                                                                    |                       |                    |                       |                    |             |                       |
| <b>SCAN DELAY</b>            |               | 5 min                                                                                                                                                                                                 |                       |                    |                       |                    |             |                       |
| <b>SCAN TYPE</b>             |               | Helical                                                                                                                                                                                               |                       |                    |                       |                    |             |                       |
| <b>Series</b>                | <b>KV</b>     | <b>mA</b>                                                                                                                                                                                             | <b>Rot Time (sec)</b> | <b>Pitch</b>       | <b>Speed (mm/rot)</b> | <b>Noise Index</b> | <b>ASiR</b> | <b>Dose Reduction</b> |
| with                         | 120           | Smart mA 100-560                                                                                                                                                                                      | 0.6                   | 0.984:1            | 39.37                 | 8.6                |             |                       |
|                              |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
| <b>TECHNIQUE</b>             |               | 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. |                       |                    |                       |                    |             |                       |
| <b>Scans</b>                 |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
| <b>Series #</b>              | <b>Series</b> | <b>Body Part</b>                                                                                                                                                                                      | <b>DFOV</b>           | <b>Thick/Space</b> | <b>Algorithm</b>      | <b>Notes</b>       |             |                       |
| 1                            | Loc           |                                                                                                                                                                                                       |                       |                    |                       | AP/Lat             |             |                       |
| 2                            | Source data   | Neck                                                                                                                                                                                                  | 30                    | 2.5x2.5            | STND                  | WITH               |             |                       |
|                              |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
|                              |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
| <b>Recons</b>                |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |
| <b>Recon source Series #</b> | <b>Recon</b>  | <b>Body Part</b>                                                                                                                                                                                      | <b>Thick / Space</b>  | <b>Algorithm</b>   | <b>W/L</b>            | <b>Notes</b>       |             |                       |
| 2                            | COR           | Neck                                                                                                                                                                                                  | 2x2                   | STND               | 400/40                |                    |             |                       |
| 2                            | SAG           | Neck                                                                                                                                                                                                  | 2x2                   | STND               | 400/40                |                    |             |                       |
|                              |               |                                                                                                                                                                                                       |                       |                    |                       |                    |             |                       |

\*Please note, recons are displayed as thickness X spacing



# CT SOFT TISSUE NECK

with

**GE Revolution**

Approval: E. Alvarez, MD 12/2025

|                                           |  |  |  |  |  |  |
|-------------------------------------------|--|--|--|--|--|--|
|                                           |  |  |  |  |  |  |
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|                                           |  |  |  |  |  |  |
|                                           |  |  |  |  |  |  |
|                                           |  |  |  |  |  |  |
|                                           |  |  |  |  |  |  |
| 2D / 3D Processing                        |  |  |  |  |  |  |
|                                           |  |  |  |  |  |  |
| Series required in PACS                   |  |  |  |  |  |  |
| Loc, Dose Report, Source data, ALL recons |  |  |  |  |  |  |

**ADDITIONAL INSTRUCTIONS:**

\*Please note, recons are displayed as thickness X spacing