

## CT SOFT TISSUE NECK WITH IV CONTRAST



|                                |                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indications                    | Soft tissue mass (place marker on ROI), neck swelling.                                                                                                                                                               |
| Patient position               | Supine, IOML perpendicular to table                                                                                                                                                                                  |
| Contrast                       | IV = 100 mL                                                                                                                                                                                                          |
| Injection rate                 | 2.5 mL/sec minimum 22 g                                                                                                                                                                                              |
| Respiration                    | Gently say "eee" during scan                                                                                                                                                                                         |
| Scan parameters                | Sella turcica to T3. Use head FOV                                                                                                                                                                                    |
| Injection                      | Prefer dual injection, if not possible use 90 sec delay.                                                                                                                                                             |
| Dual injection recommendation: | Inject 75 cc @ 2 cc per sec, wait 1.25 minutes. Do not scan yet but move table to scan position. Inject another 15 cc and start scan after 10 sec delay. Prefer scanning direction from aortic arch to base of skull |
| NOTE                           | <b>MUST USE MARKER on palpable nodules.</b><br><br>ANGLE tube if patient has metallic artifacts in mouth.                                                                                                            |

| PLANE                         | ALGORITHM   | THICKNESS       | DFOV                |                                           |
|-------------------------------|-------------|-----------------|---------------------|-------------------------------------------|
| Axial + C                     | Bone        | 2.0 mm x 2.0 mm | approx 160 - 190 mm | <b>See injection note above for delay</b> |
| Axial, Sagittal & Coronal + C | Soft tissue | 2.0 mm x 2.0 mm |                     | Reformats                                 |

### NOTES:

- LMP on pts of child-bearing age
- Shield children when possible
- Follow GFR and metformin protocol for contrast studies

Any deviation from protocol MUST be Radiologist approved. Rad Director will be notified if this occurs without prior approval.