

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	MUST USE MARKER on palpable nodules.
	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	See injection note above for delay
Axial, Sagittal & Coronal + C	Soft tissue	2.0 mm x 2.0 mm		Reformats
Coronal & Sagittal + C	Bone	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.