

CT Soft Tissue Neck Without Contrast

Technical Parameters

kVp:	Siemens: Care kV (120 reference) GE: Auto Prescription
mAs:	Dose Modulation System (ex CAREdose 4D, smart mA) (reference mAs 90)
Pitch:	<1 preferred
Collimation:	Siemens (128x0.6) GE (40mm or 80mm)
Scan Direction:	Caudocranial
Rotation Time:	0.5-1.0s

Anatomic Coverage:	Scan should cover from the PA bifurcation through the bridge of the nose. Have patient suspend breathing and swallowing during the scan
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Reconstruction Parameters:	Soft Tissue Ax	Bone Ax	Coronal Bone	Coronal Soft Tissue	Sagittal Bone	Sagittal Soft Tissue	Thins
Slice Thickness:	2mm	2mm	2mm	2mm	2mm	2mm	1mm
Reconstruction Interval:	2mm	2mm	2mm	2mm	2mm	2mm	1mm
Reconstruction FOV:	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy	Smallest area to include relevant anatomy
Window	Siemens (Spine) GE (WW 350 WL 50)	Siemens (Bone) GE (WW 1500 WL 400)	Siemens (Bone) GE (WW 1500 WL 400)	Siemens (Spine) GE (WW 350 WL 50)	Siemens (Bone) GE (WW 1500 WL 400)	Siemens (Spine) GE (WW 350 WL 50)	Siemens (Bone) GE (WW 1500 WL 400)
Kernel/Algorithm:	Siemens (Br 36) GE (Standard)	Siemens (Br 69) GE (Sharp)	Siemens (Br 69) GE (Sharp)	Siemens (Br 36) GE (Standard)	Siemens (Br 69) GE (Sharp)	Siemens (Br 36) GE (Standard)	Siemens (Br 69) GE (Sharp)

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Contrast:	75mL Omni300/Iso300 2 part injection 30 mL at 1cc/s and the remainder at 2cc/s after injection wait 65s before scanning						
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