

UT Southwestern Department of Radiology

Protocol Name: CT Neck Without Contrast

Orderable Name: CT NECK SOFT TISSUE WO IV CONTRAST

Adult Only

Epic Button: Neck W/O

CTDIvol < 80 mGy

Indications: Stone, fracture.
Mass, lymphoma if contrast contraindicated

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway Inspiration, do not swallow
			Other Notes No habitus specific kVp adjustment. • Do 1x1 without through mandible if looking for stone. • Do 1x1 without in Bone algorithm to evaluate for fracture. Tilt head when prominent dental hardware is visible on localizer. See linked diagram.

Last Change: 1/8/2025

Last Review: 1/8/2025

Links: [Head Tilt Instructions](#)

Special Instructions		Do not repeat CT scan, recon soft tissue from 1st acquisition
Acq # / Series Name	1 Noncontrast	N/A Noncontrast
Phase Timing		N/A
Acquisition Protocol		Recon Only
Coverage	Floor of sella thru head of clavicles	Same
FOV	Whole neck to include nose	Same
Algorithm	Bone	Soft Tissue
Axial Recons	3 mm	3 mm, Volume
Other Planar Recons		3mm coronal and sagittal
MIP Recons		
†DECT Philips		
†DECT Siemens		
†PC-CT Siemens		

† When dual energy (DE) or photon counting (PC) CT is used

