

UT Southwestern Department of Radiology

Protocol Name: Ankle CT With IV Contrast

Orderable Name: CT LOWER EXTREMITY LEFT W IV CONTRAST
CT LOWER EXTREMITY RIGHT W IV CONTRAST

Adult Only

Epic Button: Ankle + IV

CTDIvol < 50 mGy

Indications: Suspected infection, inflammation, tumor

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: Link to Contrast Information Rate (mL/sec): 3 Volume (mL): 75 IV Access: Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec) Notes:	Other Contrast: None	Airway
			Other Notes *Place a marker at the site of most concern. Dual energy scanner required at CUH & OPB. Position: supine, toes pointing straight up, foot inverted slightly. Metal (FOV): 140 kVp, align beam along metal. Use Right/Left orderable based on protocol or side indicated in reason for exam.

Last Change: 9/28/2022

Last Review: 9/28/2022

Links: [General Statements](#) [Positioning Reference](#)

Special Instructions	Use 5mm cor/sag if large patient or metal in FOV.	Do not repeat CT scan, recon soft tissue from 1st acquisition, send soft tissue kernel volume to TeraRecon Use 5mm cor/sag if large patient or metal in FOV.
Acq # / Series Name	1 60 Sec Delayed	N/A 60 Sec Delayed
Phase Timing	60 seconds	N/A
Acquisition Protocol		Recon Only
Coverage	Region of interest around ankle(s)	Same
FOV	Ankle(s) center in scanner	Same
Algorithm	Bone	Soft Tissue
Primary Axial Recon	3 mm	4 mm, Volume
Other Recons	3 mm coronal and sagittal	4 mm coronal and sagittal
MIP Recons		
*Dual Energy Philips	VNC, Gout maps (cor/sag), BM edema, SBI, mono E 100, mono E 120	
*Dual Energy Siemens	VNC, Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 120	



* When dual energy or spectral CT is used