

UT Southwestern Department of Radiology

Protocol Name: CT Leg Lower Half

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

Adult Only

Epic Button: Lower Leg

CTDIvol < 50 mGy

Indications: Trauma

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway
			<p>Other Notes</p> <p>*Place a marker at the site of most concern. Use Right/Left orderable based on protocol or side indicated in reason for exam. Metal (FOV):140 KVp,align beam along metal. Dual energy scanner required at CUH & OPB.</p>

Last Change: 1/13/2023

Last Review: 1/31/2024

Links: [General Statements](#)

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 Noncontrast	N/A Noncontrast
Phase Timing		N/A
Acquisition Protocol		Recon Only
Coverage	Above knee thru toes	Same
FOV	Focused to size of lower leg	Same
Algorithm	Bone	Soft Tissue
Axial Recons	3 mm	4 mm, volume
Other Planar Recons	3 mm coronal and sagittal	4 mm coronal and sagittal
MIP Recons		
†DECT Philips	Gout maps (cor/sag), BM edema, SBI	
†DECT Siemens	Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 140	
†PC-CT Siemens		

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

