

# UT Southwestern Department of Radiology

**Protocol Name:** CT Leg Lower Half

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

Adult Only

**Epic Button:** Lower Leg

CT LOWER EXTREMITY RIGHT WO IV CONTRAST

CTDIvol < 50 mGy

**Indications:** Trauma

**# Acquisitions:** 1

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> None	<b>Other Contrast:</b> None	<b>Airway</b>
			<b>Other Notes</b> *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 Kv,align beam along metal. Dual energy scanner required at CUH & OPB.

Last Change: 1/13/2023

Last Review: 1/29/2025

Links: [General Statements](#)

<b>Special Instructions</b>	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.
<b>Acq # / Series Name</b>	<b>1</b> Noncontrast	<b>N/A</b> Noncontrast
<b>Phase Timing</b>		N/A
<b>Acquisition Protocol</b>		Recon Only
<b>Coverage</b>	Above knee thru toes	Same
<b>FOV</b>	Focused to size of lower leg	Same
<b>Algorithm</b>	Bone	Soft Tissue
<b>Axial Recons</b>	3 mm	4 mm, volume
<b>Other Planar Recons</b>	3 mm coronal and sagittal	4 mm coronal and sagittal
<b>MIP Recons</b>		
<b>†DECT Philips</b>	Gout maps (cor/sag), BM edema, SBI	
<b>†DECT Siemens</b>	Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 140	
<b>†PC-CT Siemens</b>		

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

