

UT Southwestern Department of Radiology

Protocol Name: Knee CT

Orderable Name: CT LOWER EXTREMITY LEFT W/O IV CONTRAST

Adult only

Protocol Epic Button: Knee

Indications: Trauma, Degenerative arthropathy, intra-articular bodies
Talar dome osteochondral lesions

CT LOWER EXTREMITY RIGHT WO IV CONTRAST

CTDIvol < 50 mGy

Acquisitions: 1

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway:
			<p>Other Notes: *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: 2/10/2021

Last Review: 1/24/2022

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.
Series Name	1 Noncontrast	2 Noncontrast
Phase Timing		N/A
Acquisition Protocol		Recon Only
Coverage	See illustration - Distal femoral metaphysis to proximal tibial metaphysis	Same
FOV	Whole knee	Same
Algorithm	Bone	Soft Tissue
Primary Axial Recon	3 mm	4 mm, Volume
Other Recons	3 mm coronal and sagittal (see illustration)	4 mm coronal and sagittal (see illustration)
MIP Recons		
*Dual Energy Philips	Gout maps (cor/sag), BM edema, SBI, mono E 100, mono E 120	
*Dual Energy Siemens	Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 120	

* When dual energy or spectral CT is used

