## **UT Southwestern Department of Radiology**

Orderable Name: CT LOWER EXTREMITY LEFT W IV CONTRAST

CT LOWER EXTREMITY RIGHT W IV CONTRAST

## Protocol Name: Knee CT With IV Contrast

## Epic Button: Knee + IV

Indications: Suspected infection, inflammation, tumor

## # Acquisitions: 1

Active Protocol

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Oral Contrast: None		IV Contrast: Link to Contrast Information Rate (ml/sec): 3 Volume (ml): 60 - 75 IV Access: Power injection: 20g or larger strongly prefered (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.   Use Right/Left orderable based on protocol or side indicated in reason for exam.   Metal (FOV): Use 140 kVp.   Dual energy/Spectral scanner required. Photon counting scanner
Last Change: 1/13/2023		Adjust contrast volume base iew: 1/29/2025 Links:	General Statements Positionin	Reference	preferred unless gout is indicated.
Special Instructions	e 5mm cor/sag if ları	a T	Do not repeat CT scan, recon soft tissue acquisition, send soft tissue kernal volur TeraRecon Lee 5mm cor/sag if large patient or met	me to	

Special Instructions			TeraRe	tion, send soft tissue kernal volume to con nm 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		stration - Distal femoral metaphysis to al tibial metaphysis	Same		
FOV	Whole knee			Same	
Algorithm	Bone		Soft Tissue		
Axial Recons	3 mm		4 mm, Volume		
<b>Other Planar Recons</b>	3 mm co	oronal and sagittal	4 mm coronal and sagittal		
MIP Recons					
<b>†DECT Philips</b>		/NC,Gout maps (cor/sag), BM edema, SBI, mono E 100, mono E 120			
<b>†DECT</b> Siemens	VNC,Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 120				
<b>†PC-CT</b> Siemens					

