

# UT Southwestern Department of Radiology

**Protocol Name:** CT FAI - Unilateral

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

Adult Only

**Epic Button:** CT FAI - Unilateral

CT LOWER EXTREMITY LEFT WO IV CONTRAST

CTDIvol < 50 mGy

**Indications:** CT evaluation for unilateral femoroacetabular impingement and/or hip dysplasia, femoral torsion

**# Acquisitions:** 2

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> None	<b>Other Contrast:</b> None	<b>Airway</b>
			<p><b>Other Notes</b>                  Patient supine, tape toes together                  Scan through pelvis/hips, then scan knee from side of complaint (cover femoral condyles)                  Use both RIGHT and LEFT orderables. If the patient only has 1 hip, use only the appropriate RIGHT or LEFT orderable.                  Dual energy/Spectral CT scanner required.</p>

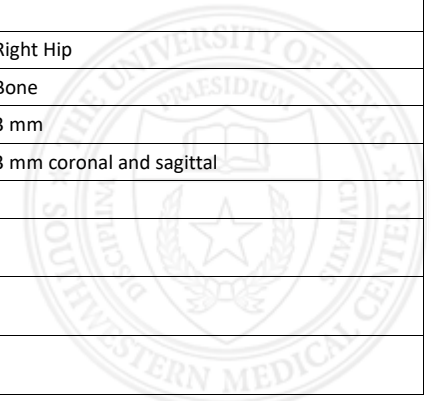
Last Change: 1/13/2023

Last Review: 1/31/2024

Links: [General Statements](#)

<b>Special Instructions</b>	Send soft tissue kernel volume to TeraRecon	Do not repeat CT scan, recon from 1st acquisition	Do not repeat CT scan, recon from 1st acquisition	Do not repeat CT scan, recon from 1st acquisition
<b>Acq # / Series Name</b>	1 Noncontrast	N/A Noncontrast	N/A Noncontrast	N/A Noncontrast
<b>Phase Timing</b>			N/A	
<b>Acquisition Protocol</b>		Recon Only	Recon Only	Recon Only
<b>Coverage</b>	Iliac crest to below lesser trochanter	Iliac crest to below lesser trochanter	Acetabular roof to below lesser trochanter	Acetabular roof to below lesser trochanter
<b>FOV</b>	Pelvis	Pelvis	Right Hip	Right Hip
<b>Algorithm</b>	Soft Tissue	Bone	Soft Tissue	Bone
<b>Axial Recons</b>	3 mm, Volume	3 mm, Volume	3 mm	3 mm
<b>Other Planar Recons</b>	3 mm coronal and sagittal	3 mm coronal and sagittal	3 mm coronal and sagittal	3 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 120			
<b>†PC-CT Siemens</b>				

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



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			<p><b>Other Notes</b>                  Patient supine, tape toes together                  Scan through pelvis/hips, then scan knee from side of complaint (cover femoral condyles)                  Use both RIGHT and LEFT orderables. If the patient only has 1 hip, use only the appropriate RIGHT or LEFT orderable.                  Dual energy/Spectral CT scanner required.</p>

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<b>Special Instructions</b>	Do not repeat CT scan, recon from 1st acquisition	Do not repeat CT scan, recon from 1st acquisition	
<b>Acq # / Series Name</b>	<b>N/A</b> Noncontrast	<b>N/A</b> Noncontrast	<b>2</b> Noncontrast
<b>Phase Timing</b>			
<b>Acquisition Protocol</b>	Recon Only	Recon Only	
<b>Coverage</b>	Acetabular roof to below lesser trochanter	Acetabular roof to below lesser trochanter	Inferior patella to top of tibial plateau
<b>FOV</b>	Left Hip	Left Hip	Affected Knee
<b>Algorithm</b>	Soft Tissue	Bone	Soft Tissue
<b>Axial Recons</b>	3 mm	3 mm	3 mm, Volume
<b>Other Planar Recons</b>	3 mm coronal and sagittal	3 mm coronal and sagittal	
<b>MIP Recons</b>			
<b>†DECT Philips</b>			
<b>†DECT Siemens</b>			
<b>†PC-CT Siemens</b>			

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