

# UT Southwestern Department of Radiology

**Protocol Name:** CT FAI - Bilateral

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

Adult only

**Protocol Epic Button:** CT FAI - Bilateral

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

CT LOWER EXTREMITY LEFT WO IV CONTRAST

CTDIvol <50mGy

**# 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 both knees (cover femoral condyles)                  Use both RIGHT and LEFT orderables                  Dual energy scanner required at CUH &amp; OPB.</p>

Last Change: 2/10/2021

Last Review: 1/24/2022

Links:

[General Statements](#)

	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	1 series for right knee, another for the left knee
<b>Special Instructions</b>				
<b>Series Name</b>	<b>1</b> Noncontrast	<b>2</b> Noncontrast	<b>3</b> Noncontrast	<b>4</b> Noncontrast
<b>Phase Timing</b>		N/A	N/A	
<b>Acquisition Protocol</b>		<a href="#">Recon Only</a>	<a href="#">Recon Only</a>	
<b>Coverage</b>	Iliac crest to below lesser trochanter	Acetabular roof to below lesser trochanter	Acetabular roof to below lesser trochanter	Inferior patella to top of tibial plateau
<b>FOV</b>	Pelvis	Right Hip	Left Hip	Knees (recon each knee separately)
<b>Algorithm</b>	Soft Tissue & Bone	Soft Tissue & Bone	Soft Tissue & Bone	Soft Tissue
<b>Primary Axial Recon</b>	3 mm, Volume	3 mm	3 mm	3 mm, Volume
<b>Other Recons</b>	3 mm coronal and sagittal	3 mm coronal and sagittal	3 mm coronal and sagittal	
<b>MIP Recons</b>				
<b>*Dual Energy Philips</b>	Gout maps (cor/sag), BM edema, SBI			
<b>*Dual Energy Siemens</b>	Gout maps (cor/sag), BM edema, low/high kVp, mono E 100, mono E 120			

\* When dual energy or spectral CT is used