

UT Southwestern Department of Radiology

Protocol Name: CT FAI - Unilateral

Orderable Name: CT LOWER EXTREMITY RIGHT WO IV CONTRAST

Adult only

Protocol Epic Button: CT FAI - Unilateral

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

CT LOWER EXTREMITY LEFT WO IV CONTRAST

CTDIvol <50mGy

Acquisitions: 2

Active Protocol

Oral Contrast: None	IV Contrast: None	Other Contrast: None	Airway:
			<p>Other Notes: 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 scanner required at CUH & OPB.</p>

Last Change: 2/10/2021

Last Review: 1/24/2022

Links:

[General Statements](#)

Special Instructions	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	
Series Name	1 Noncontrast	2 Noncontrast	3 Noncontrast	4 Noncontrast
Phase Timing		N/A	N/A	
Acquisition Protocol		Recon Only	Recon Only	
Coverage	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
FOV	Pelvis	Right Hip	Left Hip	Affected Knee
Algorithm	Soft Tissue & Bone	Soft Tissue & Bone	Soft Tissue & Bone	Soft Tissue
Primary Axial Recon	3 mm, Volume	3 mm	3 mm	3 mm, Volume
Other Recons	3 mm coronal and sagittal	3 mm coronal and sagittal	3 mm coronal and sagittal	
MIP Recons				
*Dual Energy Philips	Gout maps (cor/sag), BM edema, SBI			
*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