Knee SUMMARY

Indications	Pain, swelling, trauma				
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst				
Scan mode	Helical				
Helical Set	recon	body part	thickness spacing	kernel	window	recon destination
	1 knee bone		.625mmx .625mm	bone		pacs
	2 soft tissue		.625mmx.625mm	standard		mpr 3d
	3 soft tissue knee		2mmx 2 mm	standard		pacs
	4 sag bone		2mmx2mm	bone		pacs
	5 coronal bone		2mmx2mm	bone		pacs
	6 sag soft tissue		2mmx2mm	standard		pacs
	7 coronal soft tissue		2mmx2mm	standard		pacs
Scan Start/end location	3cm superior to knee joint include patella				
	3cm inferior to knee joint				
	include all of fx and hardware				
DFOV	25 cm				
	decrease appropriately				
3D Technique Used	do 3d spin with recon 2- 20 images rotate externally-if fracture seen				
IV contrast volume/type	100ml -isovue 370- if needed for soft tissue infection or mass				
Scan delay	90seconds-Performed as directed by a the supervising radiologist				

Slide patient over so the the knee being imaged is centered in the scanner. Taping feet together helps stabilize knees.

Coronal and sagittal reformats are oriented using an axial image at the level

of the femoral condyles.

Please see online MSK CT protocols for details.