

# Foot 64 GE

Indications	Pain, swelling, trauma					
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst					
Scan mode	Helical					
Position/Landmark	Head or feet first-supine-include joint of interest only 0 at joint S150-I150					
Topogram	AP 120kV 10mA Lat 120kV 10mA					
kVp/Reference mass	120kv Auto mA (100-700)					
Rotation time/pitch	0.5/0.531:1					
Detector Configuration	64x0.625					
Table Speed/Increment	10.62					
Dose reduction	Noise Index 22.10					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set	recon	body part	thickness spacing	kernel	window	recon destination
	1	foot bone	.625mmx .625mm	bone		pac
	2	soft tissue	.625mmx.625mm	standard		mpr 3d
	3	soft tissue foot	2.5mmx 2.5mm	standard		pac
	4	sag bone	2mmx2mm	bone		pac
	5	coronal bone	2mmx2mm	bone		pac
	6	sag soft tissue	2mmx2mm	standard		pac
	7	coronal soft tissue	2mmx2mm	standard		pac
Scan Start/end location	2cm superior to tibial metadiaphysis					
	bottom of foot					
	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					

Use sag image for axial and coronal reformats-use coronal image for sag reformat







