

Foot 64 Sensation

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					
Topogram	AP 35mA 120kV LAT 35mA 120kV					
kVp/Reference mass	120kv 120mas					
Rotation time/pitch	1.0/0.8					
Detector Configuration	12x0.6					
Table Speed/Increment	57.6					
Dose reduction	CareDose off					
Allowed CTDI ranges*	7mGy-50mGy					
XR29 Dose Notification value	50mGy					
Helical Set	recon	body part	thickness spacing	kernel	window	recon destination
	1	soft tissue	.75mmx.5mm	30smooth	mediastinum	mpr
	2	foot	2mmx 2mm	30smooth	mediastinum	pacs
	3	foot	.75mmx .5mm	80ultra sharp	osteo	pacs
	4	coronal bone	2mmx2mm	80 ultra sharp	osteo	pacs
	5	sag bone	2mmx2mm	80ultra sharp	osteo	pacs
	6	soft tissue coronal	2mmx2mm	30smooth	mediastinum	pacs
	7	soft tissue sag	2mmx2mm	30smooth	mediastinum	pacs
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 1-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					
note: If hardware present use extended ct scale and increase kv to 140						
Use sag image for axial and coronal reformats-use coronal image for sag reformat						





