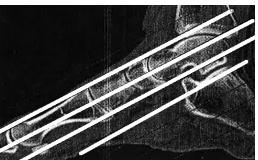
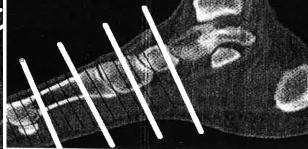
## **Foot 16 Sensation**

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/Lat 50mA 140kV						
kVp/Reference mass	120kv 120mas						
Rotation time/pitch	0.75/0.75						
Detector Configuration	16x0.75						
Table Speed/Increment	9						
Dose reduction	Care Dose off						
Allowed CTDI ranges*	7mGy-50mGy						
XR29 Dose Notification value	50mGy						
Helical Set	body thickness recon						
	recor		spacing	kernel	window	destination	
	1	thin foot	.75mmx.5mm	80ultra sharp	osteo	mpr/pacs	
	2	foot soft tissue	2mmx 2mm	30smooth	mediastinum	pacs	
	3	thin soft	.75mmx.5mm	30smooth	mediastinum	for 3d	
	2x2 a	2x2 axial, coronal and sag reformats from recon 1 bone					
	2x2 axial, coronal and sag reformats from recon 3 soft tissue						
Scan Start/end location	2cm superior to tibial metadiaphysis						
	bottom of foot						
	include all of fx and hardware						
DFOV	25 cm						
	decrease appropriately						
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						
3D Technique Used	do 30	do 3d spin with recon 3-if fracture seen					
	note: If hardware present use extended ct scale and increase kv to 140						
	Use	Use sag image for axial and coronal reformats-use coronal image for sag reformat					







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