

# Ankle 64 GE

Indications	Pain, swelling, trauma						
Diagnostic Task	Detects fractures, hematomas, arthritis, bone cyst						
Scan mode	Helical						
Position/Landmark	feet first-supine-include joint of interest only 0 at joint S150-I150						
Topogram	AP 120kV 30mA Lat 120kV 30mA						
kVp/Reference mass	120kv 300 mA						
Rotation time/pitch	0.5/0.531:1						
Detector Configuration	64x0.5						
Table Speed/Increment	20.5						
Dose reduction	Noise Index off						
Allowed CTDI ranges*	7mGy-50mGy						
XR29 Dose Notification value	50mGy						
Helical Set		body	thickness			recon	
	recon	part	spacing	kernel	window	destination	
	1	ankle bone	.625mmx .625mm		bone	pacs	
	2	soft tissue	.625mmx.625mm		standard	mpr 3d	
	3	soft tissue ankle	2.5mmx 2.5mm		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	2cm superior to tibial metadiaphysis						
	2cm inferior calcaneus tuberosity						
	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 axial image for sag and coronal reformats							



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