

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: GM060, GM060
ID: GM060
Date: 11/08/2014
Sex: Male
DOB: 05/02/1952
Age: 62

CT Scan Parameters

kVp: 120
mA: 142
Scan Time: 1.00
Table Height: 152.0
SFOV: 500
Slice Thickness (mm): 1.50
FUC: 1.073

ROI Measurements

ROI	BMD (g/cm ²)	BMD (mg/cm ³)	Mass (grams)	Area (cm ²)	Volume (cm ³)
Total Bone Compartment					
Neck (User Defined)	.782	273.2	4.57	5.84	16.7
Femoral Neck	.755	274.6	4.72	6.25	17.2
Trochanter	.878	273.7	9.14	10.41	33.4
Intertrochanter	1.480	503.0	49.53	33.47	98.5
Total Hip	1.264	425.3	63.39	50.14	149.0
Cortical Compartment					
Femoral Neck	.474	1102.0	2.97	6.25	2.7
Trochanter	.474	876.3	4.93	10.41	5.6
Intertrochanter	1.262	1117.0	42.26	33.47	37.8
Total Hip	1.000	1086.8	50.16	50.14	46.2
Trabecular Compartment					
Femoral Neck	.280	120.8	1.75	6.25	14.5
Trochanter	.403	151.2	4.20	10.41	27.8
Intertrochanter	.217	119.6	7.25	33.47	60.6
Total Hip	.263	128.3	13.20	50.14	102.9

Segmentation Parameters

High Threshold: 140.0 mg/cm³
Low Threshold: -250.0 mg/cm³
Range: 0.0850
Cortical Bone Threshold: 350.00 mg/cm³
Hip Analyzed: Left

Geometric Measurements

Femoral Neck Axis Angle: 39.1 degrees
Femoral Neck Width: 36.5 mm
Hip Axis Length: 126.3 mm
FN ROI Height: 15.0 mm

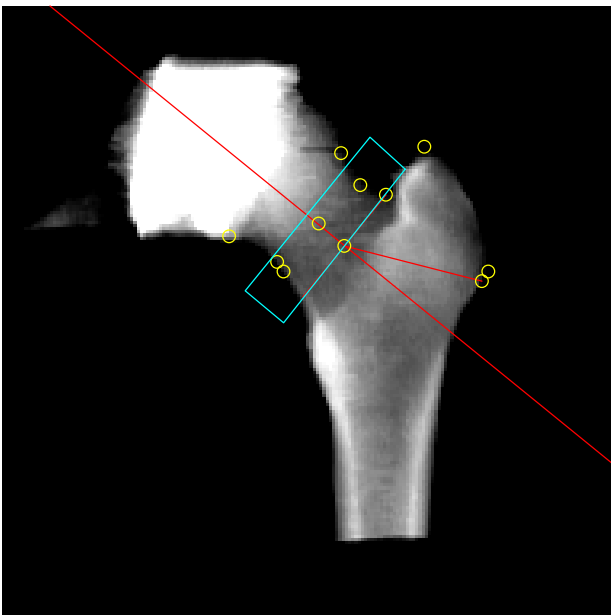


Image not intended for diagnostic purposes.