

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: PA064, PA064
ID: PA064
Date: 08/09/2014
Sex: Female
DOB: 16/03/1940
Age: 74

CT Scan Parameters

kVp: 120
mA: 140
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)	.706	307.8	3.55	5.03	11.5
Femoral Neck	.704	308.3	3.70	5.26	12.0
Trochanter	.578	191.5	6.38	11.05	33.3
Intertrochanter	1.076	368.4	25.94	24.11	70.4
Total Hip	.891	311.3	36.02	40.43	115.7
Cortical Compartment					
Femoral Neck	.534	1244.8	2.81	5.26	2.3
Trochanter	.290	1118.7	3.20	11.05	2.9
Intertrochanter	.872	1135.6	21.02	24.11	18.5
Total Hip	.669	1144.2	27.03	40.43	23.6
Trabecular Compartment					
Femoral Neck	.169	91.2	.89	5.26	9.7
Trochanter	.287	104.2	3.17	11.05	30.4
Intertrochanter	.204	94.7	4.92	24.11	51.9
Total Hip	.222	97.5	8.98	40.43	92.1

Segmentation Parameters

High Threshold: 130.0 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: 32.0 degrees
Femoral Neck Width: 29.2 mm
Hip Axis Length: 117.1 mm
FN ROI Height: 15.0 mm

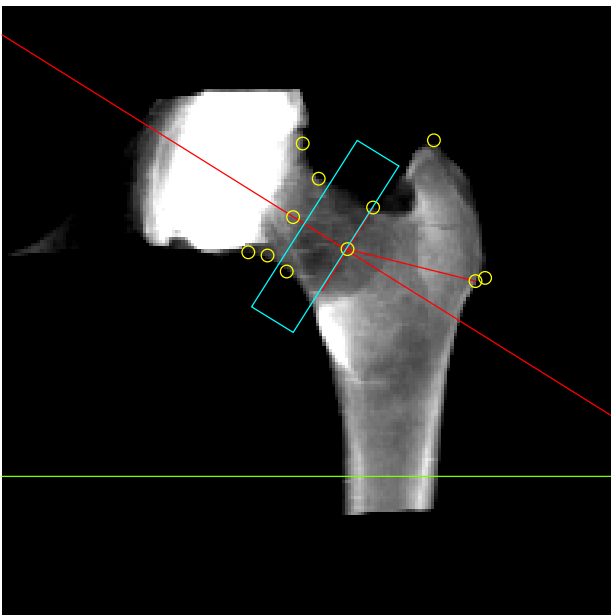


Image not intended for diagnostic purposes.