

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: SB032, SB032
ID: SB032
Date: 12/12/2013
Sex: Male
DOB: 20/11/1941
Age: 72

CT Scan Parameters

kVp: 120
mA: 122
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)	.773	278.2	4.23	5.47	15.2
Femoral Neck	.734	279.4	4.35	5.93	15.6
Trochanter	.715	207.6	8.98	12.56	43.3
Intertrochanter	1.339	421.4	45.00	33.60	106.8
Total Hip	1.119	352.2	58.33	52.11	165.6
Cortical Compartment					
Femoral Neck	.514	1141.5	3.05	5.93	2.7
Trochanter	.404	998.0	5.08	12.56	5.1
Intertrochanter	1.125	1164.3	37.79	33.60	32.5
Total Hip	.881	1141.9	45.91	52.11	40.2
Trabecular Compartment					
Femoral Neck	.220	101.0	1.30	5.93	12.9
Trochanter	.310	102.1	3.90	12.56	38.2
Intertrochanter	.214	96.7	7.19	33.60	74.3
Total Hip	.238	98.8	12.39	52.11	125.4

Segmentation Parameters

High Threshold: 130.0 mg/cm³
Low Threshold: -250.0 mg/cm³
Range: 0.1850
Cortical Bone Threshold: 350.00 mg/cm³
Hip Analyzed: Left

Geometric Measurements

Femoral Neck Axis Angle: 40.8 degrees
Femoral Neck Width: 35.4 mm
Hip Axis Length: 125.3 mm
FN ROI Height: 15.0 mm

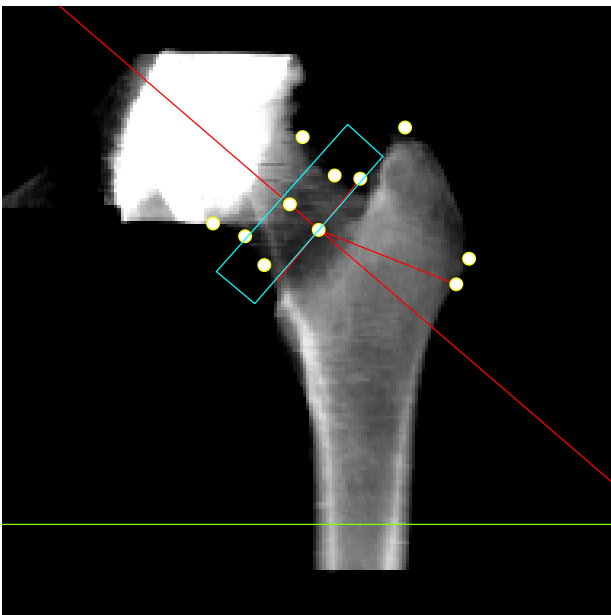


Image not intended for diagnostic purposes.