

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: RS059, RS059
ID: RS059
Date: 23/10/2014
Sex: Male
DOB: 26/02/1932
Age: 82

CT Scan Parameters

kVp: 120
mA: 156
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)	.765	234.1	4.86	6.34	20.7
Femoral Neck	1.182	381.0	88.00	74.45	231.0
Trochanter	.609	185.0	.11	.17	.6
Intertrochanter	.676	195.1	.46	.68	2.4
Total Hip	1.176	378.6	88.56	75.31	233.9
Cortical Compartment					
Femoral Neck	.989	1150.0	73.62	74.45	64.0
Trochanter	.297	1039.6	.05	.17	.0
Intertrochanter	.394	1145.1	.27	.68	.2
Total Hip	.982	1149.9	73.94	75.31	64.3
Trabecular Compartment					
Femoral Neck	.193	85.9	14.34	74.45	167.0
Trochanter	.312	103.7	.05	.17	.5
Intertrochanter	.281	90.0	.19	.68	2.1
Total Hip	.194	86.0	14.58	75.31	169.6

Segmentation Parameters

High Threshold: 100.0 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: 39.5 degrees
Femoral Neck Width: 41.6 mm
Hip Axis Length: 131.8 mm
FN ROI Height: 15.0 mm

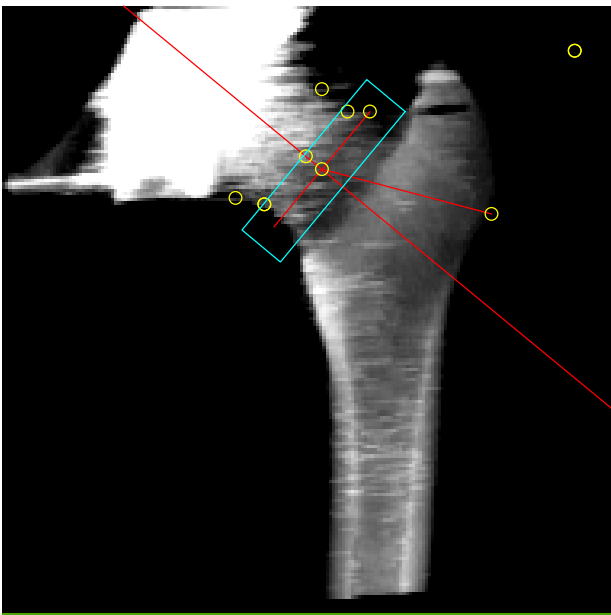


Image not intended for diagnostic purposes.