

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DH003, DH003
ID: DH003
Date: 30/01/2014
Sex: Female
DOB: 05/04/1939
Age: 74

CT Scan Parameters

kVp: 120
mA: 148
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)	.703	300.5	3.67	5.22	12.2
Femoral Neck	.686	299.2	3.85	5.61	12.9
Trochanter	.533	180.6	6.22	11.65	34.4
Intertrochanter	1.011	346.6	16.18	16.00	46.7
Total Hip	.789	279.3	26.25	33.28	94.0
Cortical Compartment					
Femoral Neck	.453	1080.1	2.54	5.61	2.4
Trochanter	.163	1952.6	1.90	11.65	1.0
Intertrochanter	.695	1025.8	11.12	16.00	10.8
Total Hip	.468	1099.1	15.56	33.28	14.2
Trabecular Compartment					
Femoral Neck	.233	124.3	1.31	5.61	10.5
Trochanter	.370	128.8	4.31	11.65	33.4
Intertrochanter	.316	141.1	5.06	16.00	35.9
Total Hip	.321	133.7	10.67	33.28	79.8

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: 35.1 degrees
Femoral Neck Width: 29.8 mm
Hip Axis Length: 108.6 mm
FN ROI Height: 15.0 mm

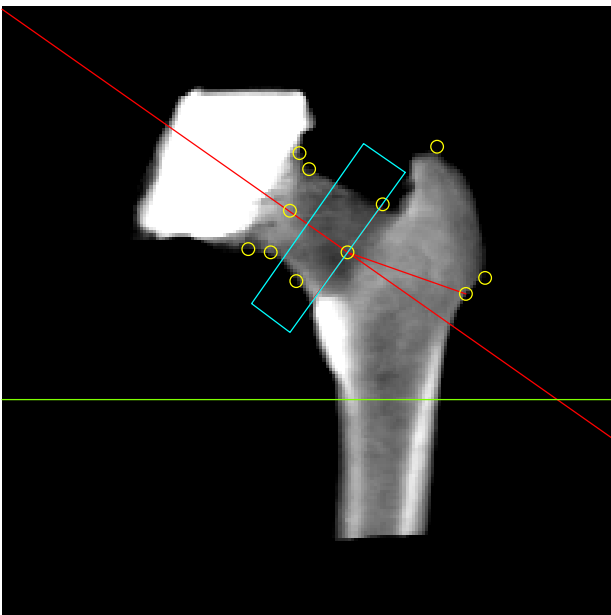


Image not intended for diagnostic purposes.