

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: MH053, MH053
ID: MH053
Date: 11/08/2014
Sex: Female
DOB: 06/05/1946
Age: 68

CT Scan Parameters

kVp: 120
mA: 118
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)	.662	319.2	3.07	4.64	9.6
Femoral Neck	.643	317.1	3.11	4.84	9.8
Trochanter	.526	197.3	4.49	8.53	22.7
Intertrochanter	1.022	405.9	24.29	23.76	59.8
Total Hip	.859	345.1	31.88	37.14	92.4
Cortical Compartment					
Femoral Neck	.470	1333.4	2.28	4.84	1.7
Trochanter	.288	1168.1	2.45	8.53	2.1
Intertrochanter	.832	1199.1	19.76	23.76	16.5
Total Hip	.659	1207.5	24.49	37.14	20.3
Trabecular Compartment					
Femoral Neck	.173	103.0	.83	4.84	8.1
Trochanter	.238	98.3	2.03	8.53	20.6
Intertrochanter	.190	104.3	4.52	23.76	43.4
Total Hip	.199	102.4	7.38	37.14	72.1

Segmentation Parameters

High Threshold: 120.0 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: 41.3 degrees
Femoral Neck Width: 26.4 mm
Hip Axis Length: 115.6 mm
FN ROI Height: 15.0 mm

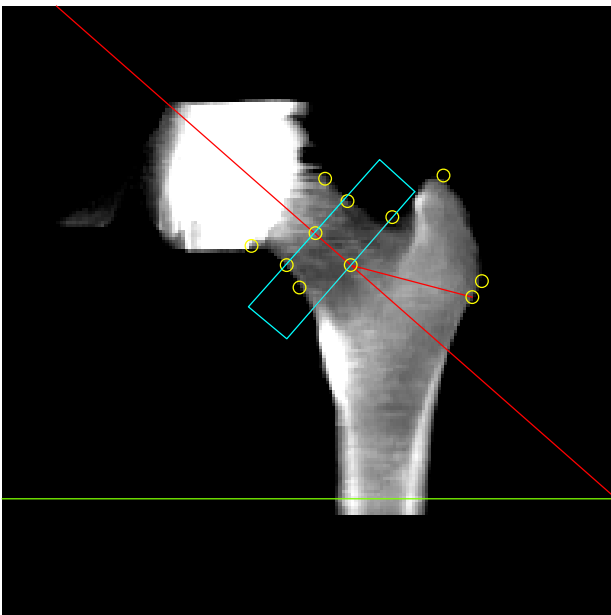


Image not intended for diagnostic purposes.