

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: HN030, HN030
ID: HN030
Date: 16/01/2014
Sex: Female
DOB: 10/07/1942
Age: 71

CT Scan Parameters

kVp: 120
mA: 178
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)	.775	298.1	4.41	5.69	14.8
Femoral Neck	.769	299.4	4.48	5.83	15.0
Trochanter	.694	223.3	6.59	9.50	29.5
Intertrochanter	1.134	383.0	21.50	18.95	56.1
Total Hip	.950	323.7	32.57	34.28	100.6
Cortical Compartment					
Femoral Neck	.515	1214.0	3.00	5.83	2.5
Trochanter	.358	945.5	3.40	9.50	3.6
Intertrochanter	.871	1138.0	16.50	18.95	14.5
Total Hip	.668	1113.6	22.90	34.28	20.6
Trabecular Compartment					
Femoral Neck	.254	118.5	1.48	5.83	12.5
Trochanter	.335	122.9	3.19	9.50	25.9
Intertrochanter	.263	119.8	4.99	18.95	41.6
Total Hip	.282	120.6	9.65	34.28	80.0

Segmentation Parameters

High Threshold: 120.0 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: 31.1 degrees
Femoral Neck Width: 33.1 mm
Hip Axis Length: 111.7 mm
FN ROI Height: 15.0 mm

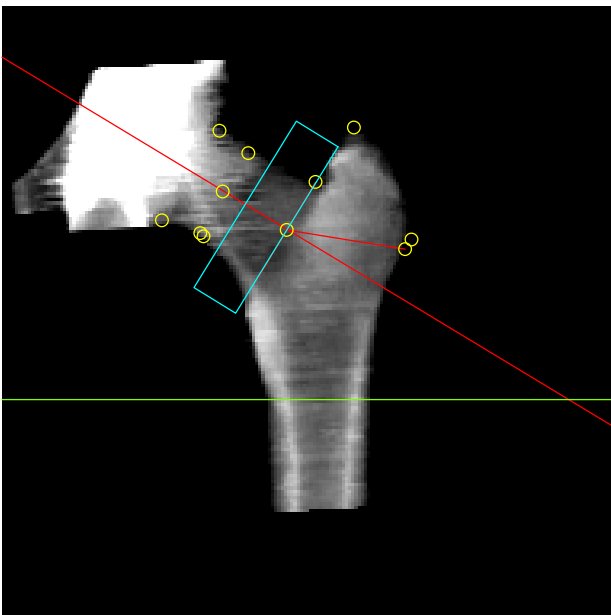


Image not intended for diagnostic purposes.