

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: GH030, GH030
ID: GH030
Date: 25/11/2013
Sex: Male
DOB: 03/06/1954
Age: 59

CT Scan Parameters

kVp: 120
mA: 216
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)	1.022	433.0	5.12	5.01	11.8
Femoral Neck	.987	432.5	5.38	5.46	12.5
Trochanter	1.048	345.4	10.76	10.26	31.2
Intertrochanter	1.462	494.7	25.29	17.30	51.1
Total Hip	1.254	437.4	41.43	33.04	94.7
Cortical Compartment					
Femoral Neck	.762	1004.3	4.16	5.46	4.1
Trochanter	.691	823.3	7.09	10.26	8.6
Intertrochanter	1.139	976.4	19.70	17.30	20.2
Total Hip	.937	940.0	30.96	33.04	32.9
Trabecular Compartment					
Femoral Neck	.224	147.2	1.22	5.46	8.3
Trochanter	.357	162.5	3.66	10.26	22.5
Intertrochanter	.322	180.3	5.58	17.30	30.9
Total Hip	.317	169.3	10.46	33.04	61.8

Segmentation Parameters

High Threshold: 160.0 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: 36.1 degrees
Femoral Neck Width: 30.1 mm
Hip Axis Length: 122.3 mm
FN ROI Height: 15.0 mm

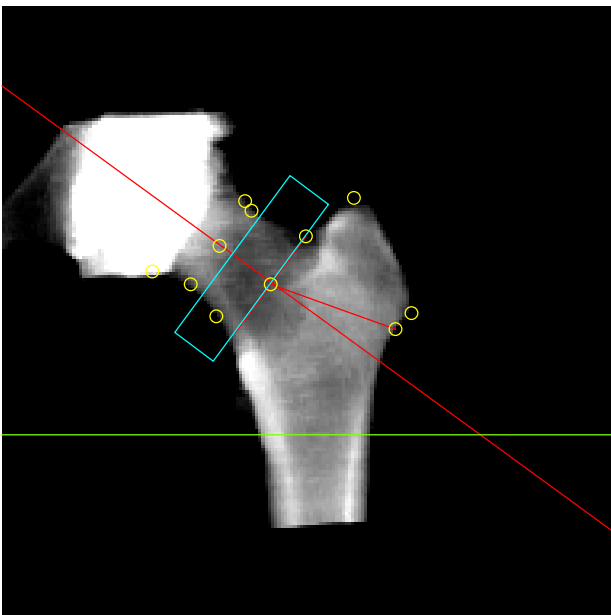


Image not intended for diagnostic purposes.