

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: RT023, RT023
ID: RT023
Date: 21/11/2013
Sex: Male
DOB: 08/08/1948
Age: 65

CT Scan Parameters

kVp: 120
mA: 126
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	331.3	3.96	5.11	12.0
Femoral Neck	.758	332.3	4.21	5.56	12.7
Trochanter	.736	234.2	7.23	9.82	30.9
Intertrochanter	1.189	388.0	23.15	19.46	59.7
Total Hip	.992	335.2	34.59	34.86	103.2
Cortical Compartment					
Femoral Neck	.568	1196.6	3.15	5.56	2.6
Trochanter	.404	990.8	3.97	9.82	4.0
Intertrochanter	.909	1088.1	17.69	19.46	16.3
Total Hip	.712	1084.0	24.81	34.86	22.9
Trabecular Compartment					
Femoral Neck	.190	105.0	1.05	5.56	10.0
Trochanter	.332	121.3	3.26	9.82	26.9
Intertrochanter	.280	125.6	5.45	19.46	43.4
Total Hip	.280	121.6	9.76	34.86	80.3

Segmentation Parameters

High Threshold: 140.0 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: 37.6 degrees
Femoral Neck Width: 29.8 mm
Hip Axis Length: 113.5 mm
FN ROI Height: 15.0 mm

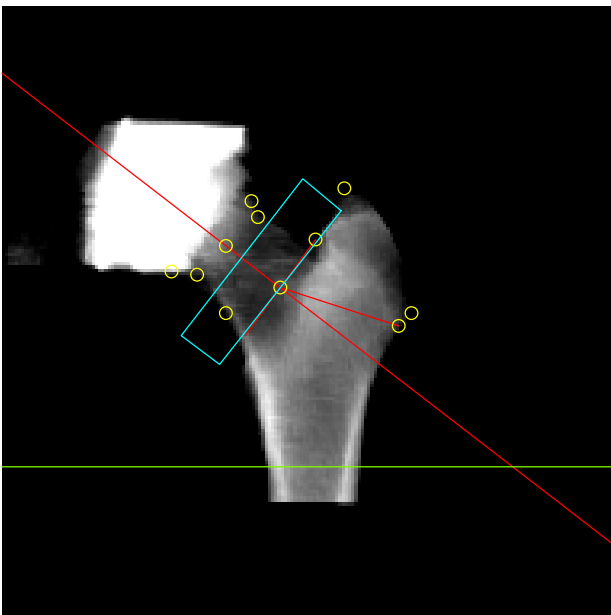


Image not intended for diagnostic purposes.