

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: AB029, AB029
ID: AB029
Date: 28/11/2013
Sex: Male
DOB: 10/09/1941
Age: 72

CT Scan Parameters

kVp: 120
mA: 143
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)	.691	270.2	3.74	5.42	13.8
Femoral Neck	.667	268.8	4.09	6.13	15.2
Trochanter	.757	225.3	9.81	12.97	43.6
Intertrochanter	1.075	384.3	30.05	27.96	78.2
Total Hip	.934	320.9	43.95	47.08	137.0
Cortical Compartment					
Femoral Neck	.473	1134.3	2.90	6.13	2.6
Trochanter	.378	909.9	4.90	12.97	5.4
Intertrochanter	.866	1049.5	24.21	27.96	23.1
Total Hip	.680	1032.5	32.01	47.08	31.0
Trabecular Compartment					
Femoral Neck	.194	93.9	1.19	6.13	12.7
Trochanter	.378	128.6	4.91	12.97	38.2
Intertrochanter	.208	105.7	5.83	27.96	55.1
Total Hip	.253	112.5	11.92	47.08	106.0

Segmentation Parameters

High Threshold: 130.0 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: 38.9 degrees
Femoral Neck Width: 32.5 mm
Hip Axis Length: 133.3 mm
FN ROI Height: 15.0 mm

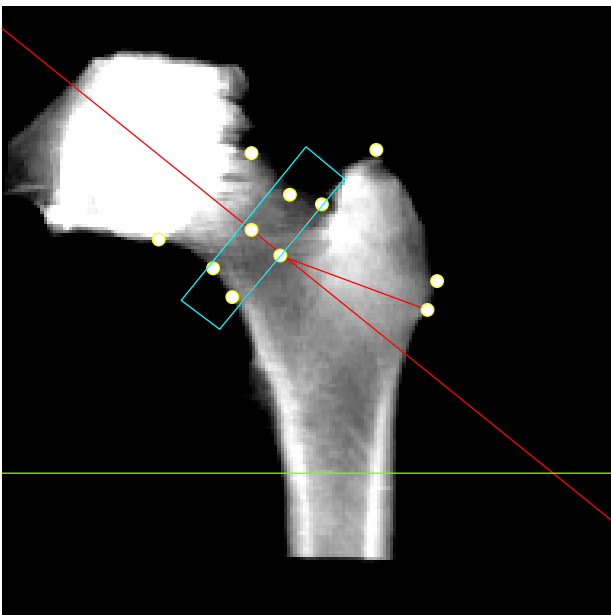


Image not intended for diagnostic purposes.