

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: RP036, RP036
ID: RP036
Date: 25/11/2013
Sex: Male
DOB: 17/12/1943
Age: 69

CT Scan Parameters

kVp: 120
mA: 135
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)	.587	234.8	2.10	3.58	8.9
Femoral Neck	.566	234.3	2.19	3.87	9.3
Trochanter	.720	229.4	7.11	9.88	31.0
Intertrochanter	.936	329.3	18.05	19.28	54.8
Total Hip	.828	287.4	27.35	33.03	95.2
Cortical Compartment					
Femoral Neck	.310	1518.6	1.20	3.87	.8
Trochanter	.372	966.6	3.68	9.88	3.8
Intertrochanter	.686	1034.3	13.22	19.28	12.8
Total Hip	.548	1041.7	18.09	33.03	17.4
Trabecular Compartment					
Femoral Neck	.255	115.4	.99	3.87	8.5
Trochanter	.348	126.2	3.43	9.88	27.2
Intertrochanter	.250	114.8	4.82	19.28	42.0
Total Hip	.280	118.8	9.24	33.03	77.8

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: 45.9 degrees
Femoral Neck Width: 31.8 mm
Hip Axis Length: 115.3 mm
FN ROI Height: 10.0 mm

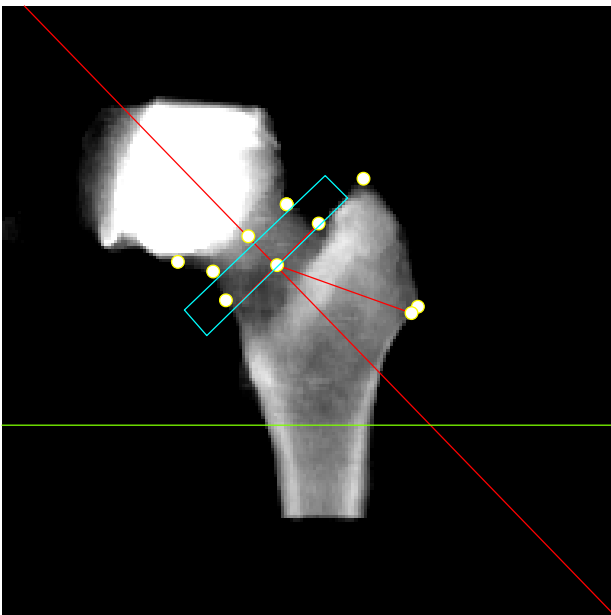


Image not intended for diagnostic purposes.