

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: PR068, PR068
ID: PR068
Date: 27/10/2014
Sex: Female
DOB: 21/12/1954
Age: 59

CT Scan Parameters

kVp: 120
mA: 140
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)	.603	260.2	2.01	3.33	7.7
Femoral Neck	.592	259.8	2.20	3.71	8.5
Trochanter	.622	216.4	5.20	8.36	24.0
Intertrochanter	1.249	525.5	40.28	32.26	76.6
Total Hip	1.075	436.9	47.67	44.34	109.1
Cortical Compartment					
Femoral Neck	.414	1479.0	1.54	3.71	1.0
Trochanter	.363	1061.9	3.03	8.36	2.9
Intertrochanter	1.106	1267.5	35.68	32.26	28.2
Total Hip	.908	1256.3	40.25	44.34	32.0
Trabecular Compartment					
Femoral Neck	.178	89.0	.66	3.71	7.4
Trochanter	.259	102.2	2.16	8.36	21.2
Intertrochanter	.142	94.5	4.58	32.26	48.5
Total Hip	.167	96.1	7.41	44.34	77.1

Segmentation Parameters

High Threshold: 110.0 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: 37.2 degrees
Femoral Neck Width: 29.5 mm
Hip Axis Length: 104.5 mm
FN ROI Height: 10.0 mm

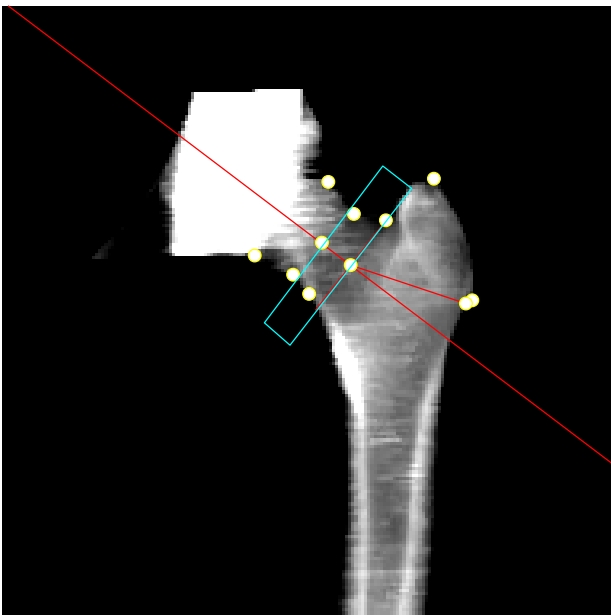


Image not intended for diagnostic purposes.