

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: CB010, CB010
ID: CB010
Date: 07/08/2014
Sex: Female
DOB: 07/07/1944
Age: 70

CT Scan Parameters

kVp: 120
mA: 159
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)	.606	265.3	3.35	5.53	12.6
Femoral Neck	.601	267.4	3.39	5.63	12.7
Trochanter	.513	177.2	4.96	9.67	28.0
Intertrochanter	1.000	377.9	25.66	25.66	67.9
Total Hip	.830	313.3	34.00	40.97	108.5
Cortical Compartment					
Femoral Neck	.456	1248.4	2.57	5.63	2.1
Trochanter	.244	1348.9	2.36	9.67	1.8
Intertrochanter	.832	1202.8	21.35	25.66	17.7
Total Hip	.641	1219.3	26.28	40.97	21.6
Trabecular Compartment					
Femoral Neck	.145	77.1	.82	5.63	10.6
Trochanter	.268	98.9	2.59	9.67	26.2
Intertrochanter	.167	85.7	4.30	25.66	50.1
Total Hip	.188	88.6	7.71	40.97	87.0

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: 35.9 degrees
Femoral Neck Width: 29.1 mm
Hip Axis Length: 109.8 mm
FN ROI Height: 15.0 mm

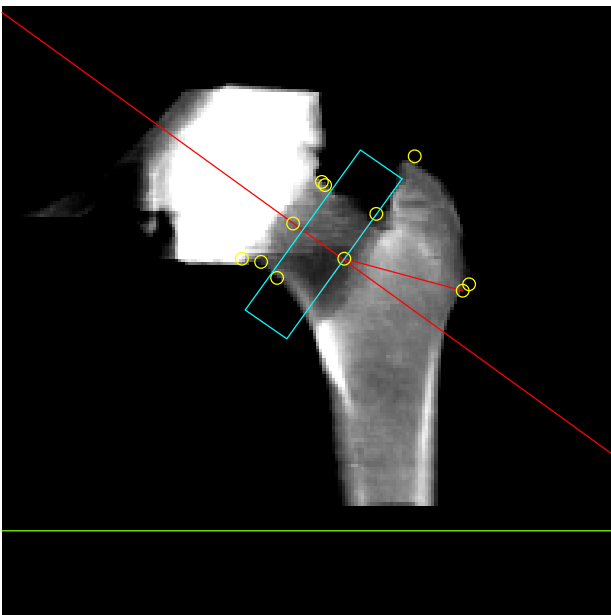


Image not intended for diagnostic purposes.