

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: CV041, CV041
ID: CV041
Date: 09/12/2013
Sex: Female
DOB: 08/03/1951
Age: 62

CT Scan Parameters

kVp: 120
mA: 186
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)	.798	349.8	3.87	4.85	11.1
Femoral Neck	.791	348.2	3.91	4.94	11.2
Trochanter	.671	237.4	5.98	8.91	25.2
Intertrochanter	1.363	528.8	31.48	23.09	59.5
Total Hip	1.119	431.1	41.37	36.95	96.0
Cortical Compartment					
Femoral Neck	.578	1101.6	2.86	4.94	2.6
Trochanter	.311	982.5	2.78	8.91	2.8
Intertrochanter	1.145	1134.2	26.43	23.09	23.3
Total Hip	.868	1116.5	32.06	36.95	28.7
Trabecular Compartment					
Femoral Neck	.212	121.6	1.05	4.94	8.6
Trochanter	.360	143.2	3.21	8.91	22.4
Intertrochanter	.218	139.0	5.04	23.09	36.2
Total Hip	.251	138.2	9.29	36.95	67.2

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: 31.4 degrees
Femoral Neck Width: 29.0 mm
Hip Axis Length: 108.2 mm
FN ROI Height: 15.0 mm

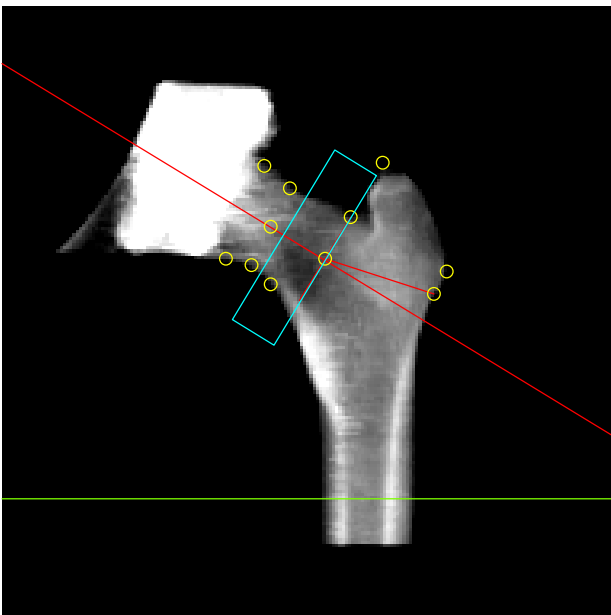


Image not intended for diagnostic purposes.