

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: TW055, TW055
ID: TW055
Date: 11/09/2014
Sex: Female
DOB: 08/11/1946
Age: 67

CT Scan Parameters

kVp: 120
mA: 177
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)	1.033	426.6	3.77	3.65	8.8
Femoral Neck	1.002	422.2	3.98	3.97	9.4
Trochanter	1.135	381.6	10.39	9.15	27.2
Intertrochanter	1.520	502.7	33.66	22.15	67.0
Total Hip	1.361	463.5	48.04	35.28	103.6
Cortical Compartment					
Femoral Neck	.766	775.3	3.05	3.97	3.9
Trochanter	.819	807.6	7.49	9.15	9.3
Intertrochanter	1.304	915.8	28.88	22.15	31.5
Total Hip	1.117	881.1	39.42	35.28	44.7
Trabecular Compartment					
Femoral Neck	.235	169.6	.93	3.97	5.5
Trochanter	.316	161.1	2.89	9.15	18.0
Intertrochanter	.215	134.6	4.77	22.15	35.4
Total Hip	.244	146.0	8.60	35.28	58.9

Segmentation Parameters

High Threshold: 130.0 mg/cm³
Low Threshold: -250.0 mg/cm³
Range: 0.0850
Cortical Bone Threshold: 300.00 mg/cm³
Hip Analyzed: Left

Geometric Measurements

Femoral Neck Axis Angle: 40.3 degrees
Femoral Neck Width: 30.8 mm
Hip Axis Length: 110.9 mm
FN ROI Height: 10.0 mm

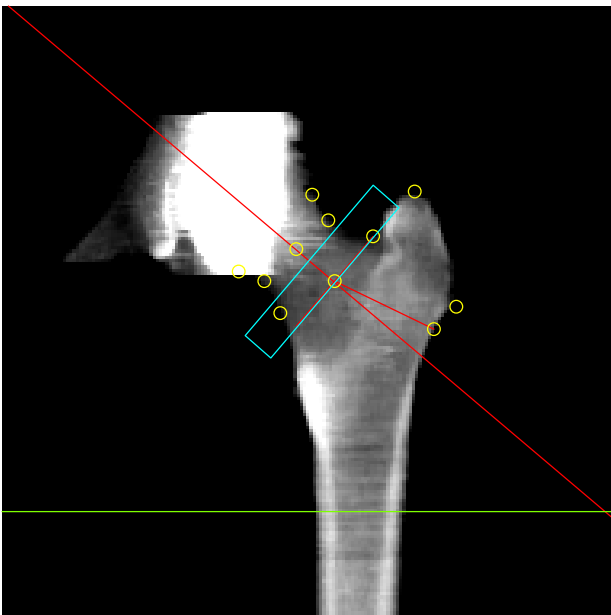


Image not intended for diagnostic purposes.