

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: BN015, BN015
ID: BN015
Date: 25/11/2013
Sex: Female
DOB: 07/09/1958
Age: 55

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)	.665	297.1	3.15	4.73	10.6
Femoral Neck	.643	298.9	3.19	4.96	10.7
Trochanter	.703	242.8	5.74	8.17	23.6
Intertrochanter	1.044	379.1	18.81	18.02	49.6
Total Hip	.890	330.5	27.74	31.15	83.9
Cortical Compartment					
Femoral Neck	.422	1209.3	2.09	4.96	1.7
Trochanter	.433	935.0	3.54	8.17	3.8
Intertrochanter	.803	1060.3	14.46	18.02	13.6
Total Hip	.645	1049.3	20.09	31.15	19.1
Trabecular Compartment					
Femoral Neck	.221	122.5	1.09	4.96	8.9
Trochanter	.269	110.7	2.20	8.17	19.9
Intertrochanter	.241	120.5	4.33	18.02	36.0
Total Hip	.245	117.8	7.63	31.15	64.8

Segmentation Parameters

High Threshold: 120.0 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: 46.1 degrees
Femoral Neck Width: 28.5 mm
Hip Axis Length: 116.0 mm
FN ROI Height: 15.0 mm

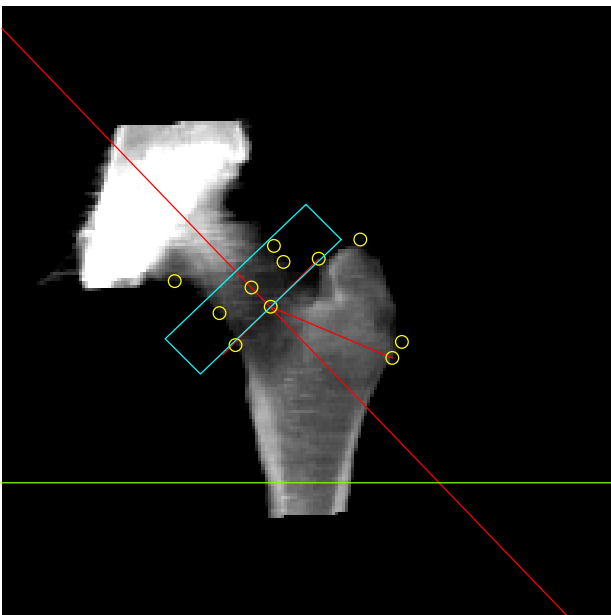


Image not intended for diagnostic purposes.