

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DOUVILLE, JULIE
ID: C5007
Date: 10/10/2013
Sex: Female
DOB: 27/06/1945
Age: 68

CT Scan Parameters

kVp: 120
mA: 108
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)	.648	331.4	2.88	4.44	8.7
Femoral Neck	.648	335.9	2.89	4.46	8.6
Trochanter	.570	215.5	4.71	8.26	21.8
Intertrochanter	1.196	528.9	28.87	24.15	54.6
Total Hip	.989	428.9	36.47	36.88	85.0
Cortical Compartment					
Femoral Neck	.513	1294.6	2.29	4.46	1.8
Trochanter	.318	1065.8	2.63	8.26	2.5
Intertrochanter	1.056	1240.7	25.50	24.15	20.6
Total Hip	.825	1227.5	30.42	36.88	24.8
Trabecular Compartment					
Femoral Neck	.135	88.0	.60	4.46	6.8
Trochanter	.251	107.1	2.07	8.26	19.4
Intertrochanter	.139	98.7	3.36	24.15	34.0
Total Hip	.164	100.2	6.04	36.88	60.2

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: 38.7 degrees
Femoral Neck Width: 24.9 mm
Hip Axis Length: 98.7 mm
FN ROI Height: 15.0 mm

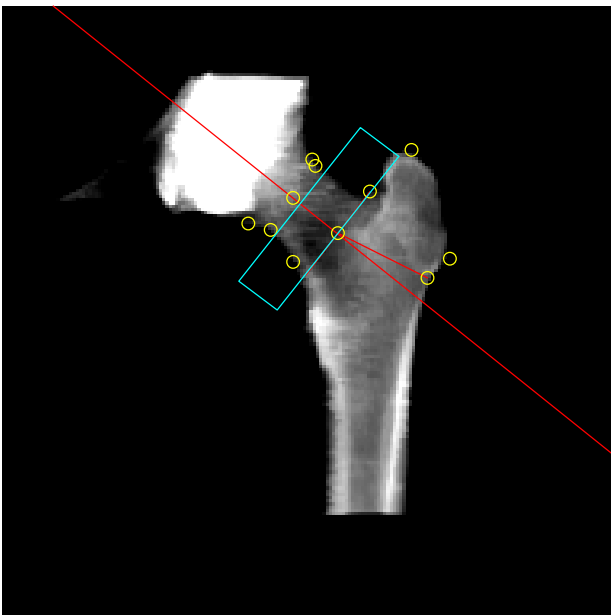


Image not intended for diagnostic purposes.