

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DM067, DM067
ID: DM067
Date: 16/10/2014
Sex: Female
DOB: 02/06/1964
Age: 50

CT Scan Parameters

kVp: 120
mA: 124
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)	.923	418.8	4.02	4.35	9.6
Femoral Neck	.917	417.6	4.27	4.66	10.2
Trochanter	.660	219.0	5.33	8.07	24.3
Intertrochanter	1.420	544.4	39.61	27.89	72.8
Total Hip	1.211	458.6	49.21	40.64	107.3
Cortical Compartment					
Femoral Neck	.709	1147.5	3.30	4.66	2.9
Trochanter	.389	982.5	3.14	8.07	3.2
Intertrochanter	1.234	1144.1	34.42	27.89	30.1
Total Hip	1.006	1130.3	40.86	40.64	36.1
Trabecular Compartment					
Femoral Neck	.208	131.7	.97	4.66	7.3
Trochanter	.271	103.6	2.19	8.07	21.1
Intertrochanter	.186	121.3	5.18	27.89	42.7
Total Hip	.205	117.1	8.33	40.64	71.2

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: 38.9 degrees
Femoral Neck Width: 28.1 mm
Hip Axis Length: 107.7 mm
FN ROI Height: 15.0 mm

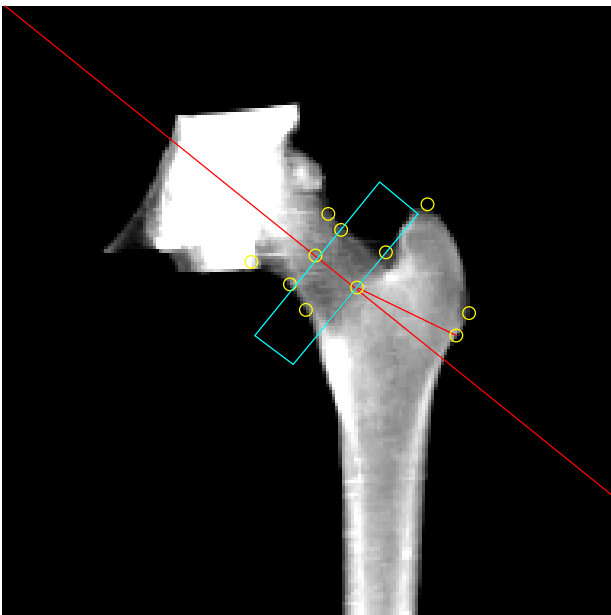


Image not intended for diagnostic purposes.