

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: NM051, NM051
ID: NM051
Date: 11/09/2014
Sex: Male
DOB: 04/10/1953
Age: 60

CT Scan Parameters

kVp: 120
mA: 127
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)	.773	270.9	4.14	5.35	15.3
Femoral Neck	.811	262.1	4.31	5.32	16.4
Trochanter	.749	231.5	9.92	13.23	42.8
Intertrochanter	1.514	562.6	58.27	38.50	103.6
Total Hip	1.270	445.2	72.49	57.06	162.8
Cortical Compartment					
Femoral Neck	.472	1030.2	2.51	5.32	2.4
Trochanter	.382	939.6	5.06	13.23	5.4
Intertrochanter	1.362	1236.0	52.41	38.50	42.4
Total Hip	1.051	1194.4	59.98	57.06	50.2
Trabecular Compartment					
Femoral Neck	.338	128.4	1.80	5.32	14.0
Trochanter	.366	129.5	4.85	13.23	37.5
Intertrochanter	.151	95.3	5.83	38.50	61.2
Total Hip	.219	110.8	12.48	57.06	112.6

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: 28.7 degrees
Femoral Neck Width: 36.3 mm
Hip Axis Length: 118.9 mm
FN ROI Height: 15.0 mm

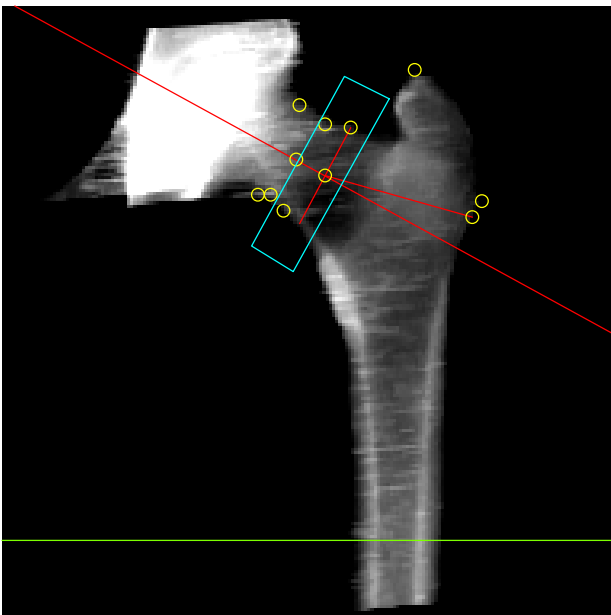


Image not intended for diagnostic purposes.