

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: EL050, EL050
ID: EL050
Date: 30/01/2014
Sex: Male
DOB: 15/11/1939
Age: 74

CT Scan Parameters

kVp: 120
mA: 164
Scan Time: 1.00
Table Height: 153.0
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)	.740	247.8	4.47	6.04	18.0
Femoral Neck	.726	247.7	4.38	6.03	17.7
Trochanter	.758	232.6	9.53	12.57	41.0
Intertrochanter	1.145	336.5	26.88	23.48	79.9
Total Hip	.969	294.4	40.79	42.08	138.5
Cortical Compartment					
Femoral Neck	.443	1185.6	2.67	6.03	2.3
Trochanter	.389	978.7	4.89	12.57	5.0
Intertrochanter	.805	1040.0	18.91	23.48	18.2
Total Hip	.629	1040.9	26.47	42.08	25.4
Trabecular Compartment					
Femoral Neck	.283	110.5	1.70	6.03	15.4
Trochanter	.369	128.8	4.63	12.57	36.0
Intertrochanter	.339	129.0	7.96	23.48	61.7
Total Hip	.340	126.4	14.30	42.08	113.1

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: 29.6 degrees
Femoral Neck Width: 38.0 mm
Hip Axis Length: 126.8 mm
FN ROI Height: 15.0 mm

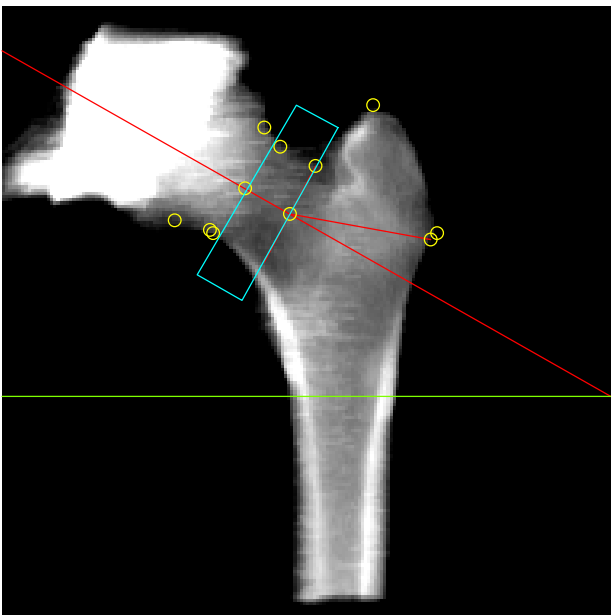


Image not intended for diagnostic purposes.