

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: PB035, PB035
ID: PB035
Date: 13/02/2014
Sex: Male
DOB: 15/09/1942
Age: 71

CT Scan Parameters

kVp: 120
mA: 144
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)	1.080	399.2	6.01	5.57	15.1
Femoral Neck	1.045	393.3	6.04	5.78	15.4
Trochanter	1.157	329.3	13.20	11.42	40.1
Intertrochanter	1.604	468.9	31.03	19.35	66.2
Total Hip	1.375	413.4	50.27	36.55	121.6
Cortical Compartment					
Femoral Neck	.767	1007.3	4.43	5.78	4.4
Trochanter	.764	878.7	8.72	11.42	9.9
Intertrochanter	1.262	1034.9	24.42	19.35	23.6
Total Hip	1.028	991.0	37.57	36.55	37.9
Trabecular Compartment					
Femoral Neck	.278	146.4	1.60	5.78	11.0
Trochanter	.392	148.3	4.47	11.42	30.2
Intertrochanter	.341	155.1	6.60	19.35	42.6
Total Hip	.347	151.5	12.68	36.55	83.7

Segmentation Parameters

High Threshold: 140.0 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: 32.6 degrees
Femoral Neck Width: 34.5 mm
Hip Axis Length: 137.9 mm
FN ROI Height: 15.0 mm

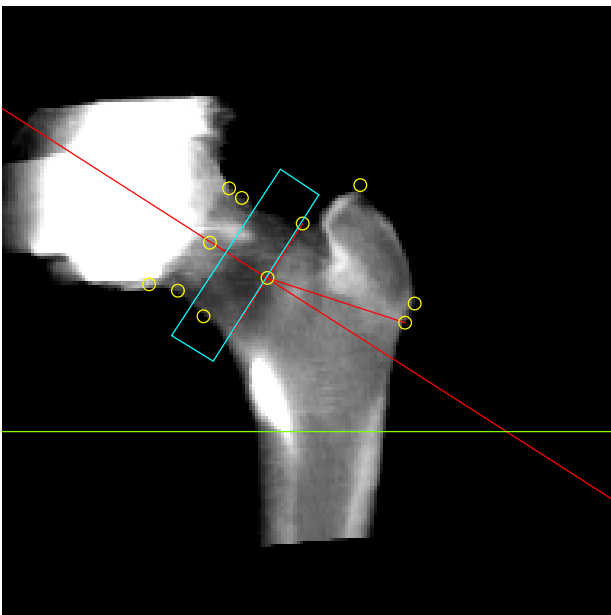


Image not intended for diagnostic purposes.