

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: LB059, LB059
ID: LB059
Date: 18/09/2014
Sex: Female
DOB: 15/07/1956
Age: 58

CT Scan Parameters

kVp: 120
mA: 190
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)	.766	331.5	2.37	3.09	7.1
Femoral Neck	.749	302.1	2.18	2.92	7.2
Trochanter	.688	244.0	8.38	12.18	34.3
Intertrochanter	1.407	567.3	47.03	33.42	82.9
Total Hip	1.187	462.7	57.59	48.53	124.5
Cortical Compartment					
Femoral Neck	.546	956.9	1.59	2.92	1.7
Trochanter	.442	825.1	5.38	12.18	6.5
Intertrochanter	1.288	1119.0	43.05	33.42	38.5
Total Hip	1.031	1072.2	50.03	48.53	46.7
Trabecular Compartment					
Femoral Neck	.202	105.8	.59	2.92	5.6
Trochanter	.246	107.6	2.99	12.18	27.8
Intertrochanter	.119	89.1	3.96	33.42	44.4
Total Hip	.155	97.0	7.54	48.53	77.8

Segmentation Parameters

High Threshold: 120.0 mg/cm³
Low Threshold: -250.0 mg/cm³
Range: 0.0850
Cortical Bone Threshold: 300.00 mg/cm³
Hip Analyzed: Left

Geometric Measurements

Femoral Neck Axis Angle: 39.8 degrees
Femoral Neck Width: 29.4 mm
Hip Axis Length: 109.5 mm
FN ROI Height: 10.0 mm

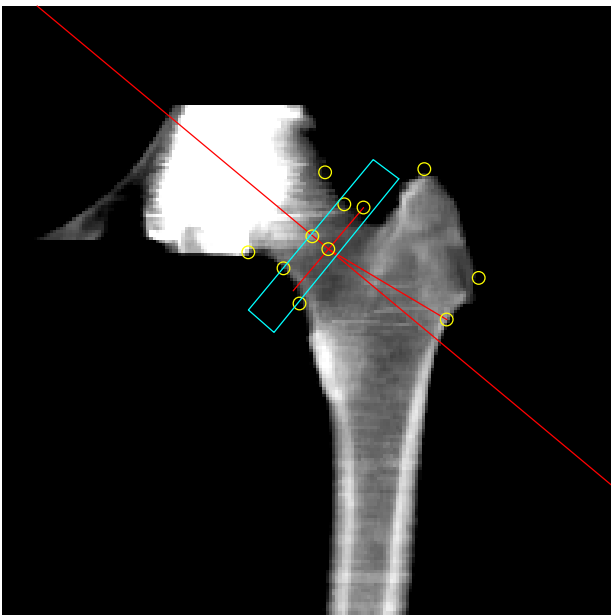


Image not intended for diagnostic purposes.