

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: LT056, LT056
ID: LT056
Date: 25/09/2014
Sex: Female
DOB: 03/03/1955
Age: 59

CT Scan Parameters

kVp: 120
mA: 116
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)	.718	334.6	2.18	3.04	6.5
Femoral Neck	.712	335.7	2.31	3.24	6.9
Trochanter	.609	244.9	4.32	7.08	17.6
Intertrochanter	1.352	585.9	38.94	28.81	66.5
Total Hip	1.164	500.9	45.56	39.13	91.0
Cortical Compartment					
Femoral Neck	.537	1024.9	1.74	3.24	1.7
Trochanter	.416	845.6	2.94	7.08	3.5
Intertrochanter	1.239	1163.1	35.68	28.81	30.7
Total Hip	1.032	1125.8	40.36	39.13	35.9
Trabecular Compartment					
Femoral Neck	.174	109.3	.57	3.24	5.2
Trochanter	.193	96.8	1.37	7.08	14.1
Intertrochanter	.113	90.7	3.25	28.81	35.8
Total Hip	.132	94.0	5.18	39.13	55.1

Segmentation Parameters

High Threshold: 110.0 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: 33.3 degrees
Femoral Neck Width: 27.3 mm
Hip Axis Length: 89.7 mm
FN ROI Height: 10.0 mm

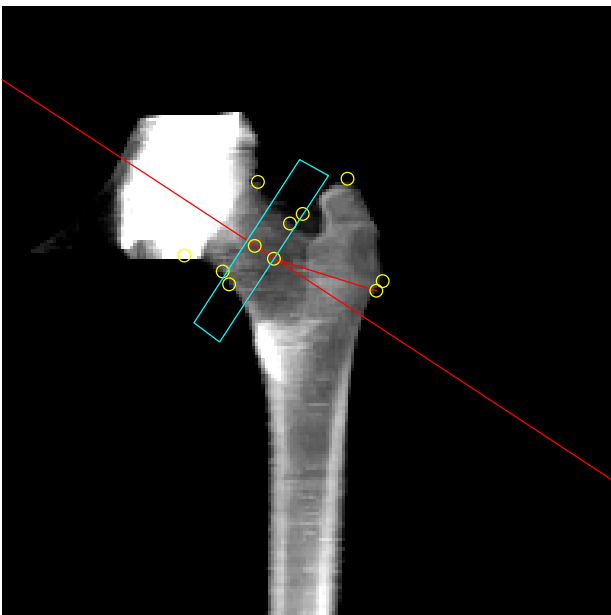


Image not intended for diagnostic purposes.