

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: LD004, LD004
ID: LD004
Date: 07/08/2014
Sex: Male
DOB: 13/08/1941
Age: 72

CT Scan Parameters

kVp: 120
mA: 137
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)	.712	283.2	3.82	5.36	13.5
Femoral Neck	.696	283.8	3.99	5.73	14.0
Trochanter	.780	231.6	8.72	11.19	37.7
Intertrochanter	1.383	488.3	54.78	39.61	112.2
Total Hip	1.194	411.8	67.49	56.54	163.9
Cortical Compartment					
Femoral Neck	.521	1131.5	2.98	5.73	2.6
Trochanter	.425	904.2	4.76	11.19	5.3
Intertrochanter	1.207	1170.3	47.80	39.61	40.8
Total Hip	.982	1139.6	55.54	56.54	48.7
Trabecular Compartment					
Femoral Neck	.175	87.6	1.00	5.73	11.4
Trochanter	.354	122.2	3.96	11.19	32.4
Intertrochanter	.176	97.6	6.97	39.61	71.3
Total Hip	.211	103.6	11.93	56.54	115.2

Segmentation Parameters

High Threshold: 130.0 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: 41.5 degrees
Femoral Neck Width: 32.0 mm
Hip Axis Length: 126.6 mm
FN ROI Height: 15.0 mm

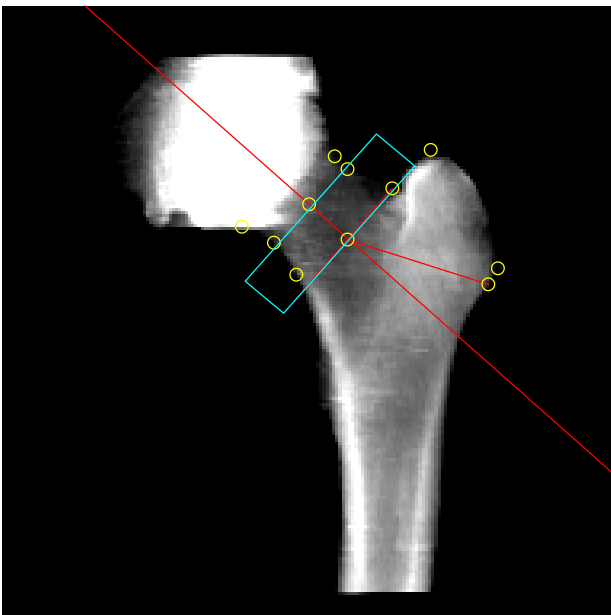


Image not intended for diagnostic purposes.