

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: HS039, HS039
ID: HS039
Date: 09/12/2013
Sex: Male
DOB: 22/11/1939
Age: 74

CT Scan Parameters

kVp: 120
mA: 140
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	249.2	3.93	5.47	15.8
Femoral Neck	.698	248.8	3.89	5.58	15.7
Trochanter	.702	219.2	8.68	12.36	39.6
Intertrochanter	.968	306.9	26.62	27.51	86.7
Total Hip	.862	276.1	39.20	45.45	142.0
Cortical Compartment					
Femoral Neck	.347	1130.6	1.94	5.58	1.7
Trochanter	.389	1025.9	4.81	12.36	4.7
Intertrochanter	.715	1148.1	19.66	27.51	17.1
Total Hip	.581	1122.6	26.40	45.45	23.5
Trabecular Compartment					
Femoral Neck	.351	140.3	1.96	5.58	13.9
Trochanter	.313	110.8	3.87	12.36	34.9
Intertrochanter	.252	99.8	6.94	27.51	69.6
Total Hip	.281	107.8	12.77	45.45	118.5

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: 41.0 degrees
Femoral Neck Width: 36.7 mm
Hip Axis Length: 123.2 mm
FN ROI Height: 15.0 mm

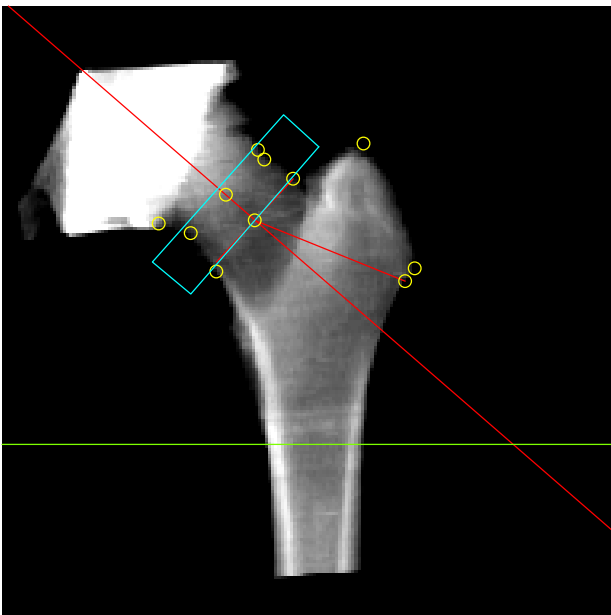


Image not intended for diagnostic purposes.