

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: HD049, HD049
ID: HD049
Date: 13/01/2014
Sex: Male
DOB: 17/11/1946
Age: 67

CT Scan Parameters

kVp: 120
mA: 182
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)	.809	284.5	3.95	4.89	13.9
Femoral Neck	.805	285.3	3.91	4.86	13.7
Trochanter	.684	211.3	8.78	12.83	41.5
Intertrochanter	1.157	347.8	30.37	26.25	87.3
Total Hip	.980	302.1	43.06	43.95	142.6
Cortical Compartment					
Femoral Neck	.520	805.7	2.53	4.86	3.1
Trochanter	.319	757.9	4.09	12.83	5.4
Intertrochanter	.881	932.3	23.13	26.25	24.8
Total Hip	.677	892.3	29.75	43.95	33.3
Trabecular Compartment					
Femoral Neck	.285	130.9	1.39	4.86	10.6
Trochanter	.365	129.6	4.68	12.83	36.1
Intertrochanter	.275	115.6	7.22	26.25	62.5
Total Hip	.302	121.7	13.29	43.95	109.2

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: 39.1 degrees
Femoral Neck Width: 36.2 mm
Hip Axis Length: 131.2 mm
FN ROI Height: 15.0 mm

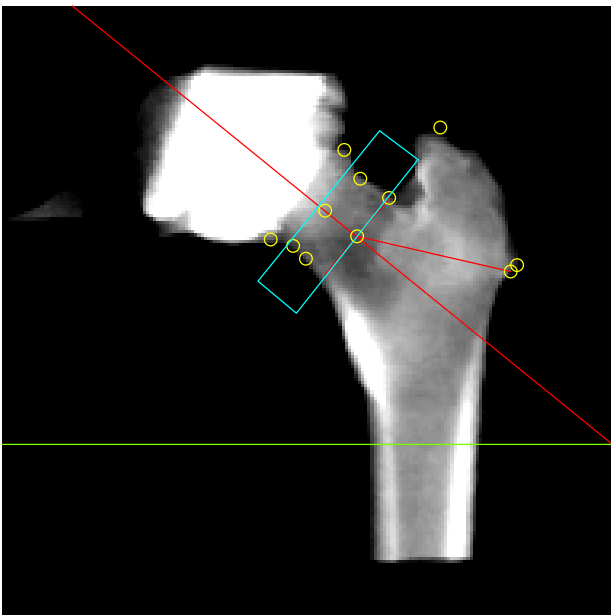


Image not intended for diagnostic purposes.