

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DF054, DF054
ID: DF054
Date: 11/08/2014
Sex: Female
DOB: 19/01/1960
Age: 54

CT Scan Parameters

kVp: 120
mA: 125
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)	.914	419.7	2.94	3.22	7.0
Femoral Neck	.935	425.4	3.16	3.37	7.4
Trochanter	.809	289.5	5.62	6.95	19.4
Intertrochanter	1.507	545.9	33.11	21.98	60.7
Total Hip	1.297	478.8	41.89	32.30	87.5
Cortical Compartment					
Femoral Neck	.722	1147.1	2.44	3.37	2.1
Trochanter	.475	927.7	3.30	6.95	3.6
Intertrochanter	1.286	1140.6	28.27	21.98	24.8
Total Hip	1.053	1116.3	34.01	32.30	30.5
Trabecular Compartment					
Femoral Neck	.213	135.4	.72	3.37	5.3
Trochanter	.334	146.1	2.32	6.95	15.9
Intertrochanter	.220	134.6	4.83	21.98	35.9
Total Hip	.243	137.9	7.86	32.30	57.0

Segmentation Parameters

High Threshold: 120.0 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: 42.5 degrees
Femoral Neck Width: 27.7 mm
Hip Axis Length: 108.5 mm
FN ROI Height: 10.0 mm



Image not intended for diagnostic purposes.