

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: GD061, GD061
ID: GD061
Date: 08/09/2014
Sex: Female
DOB: 22/03/1955
Age: 59

CT Scan Parameters

kVp: 120
mA: 131
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)	.935	411.3	4.51	4.83	11.0
Femoral Neck	.933	414.5	4.69	5.02	11.3
Trochanter	.881	270.4	8.88	10.08	32.8
Intertrochanter	1.587	604.0	45.19	28.48	74.8
Total Hip	1.347	493.9	58.76	43.61	119.0
Cortical Compartment					
Femoral Neck	.723	1092.2	3.63	5.02	3.3
Trochanter	.550	861.4	5.55	10.08	6.4
Intertrochanter	1.408	1188.7	40.10	28.48	33.7
Total Hip	1.130	1133.2	49.28	43.61	43.5
Trabecular Compartment					
Femoral Neck	.210	131.9	1.05	5.02	8.0
Trochanter	.330	126.0	3.33	10.08	26.4
Intertrochanter	.178	123.5	5.07	28.48	41.1
Total Hip	.217	125.3	9.45	43.61	75.5

Segmentation Parameters

High Threshold: 150.0 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: 33.9 degrees
Femoral Neck Width: 29.0 mm
Hip Axis Length: 114.0 mm
FN ROI Height: 15.0 mm

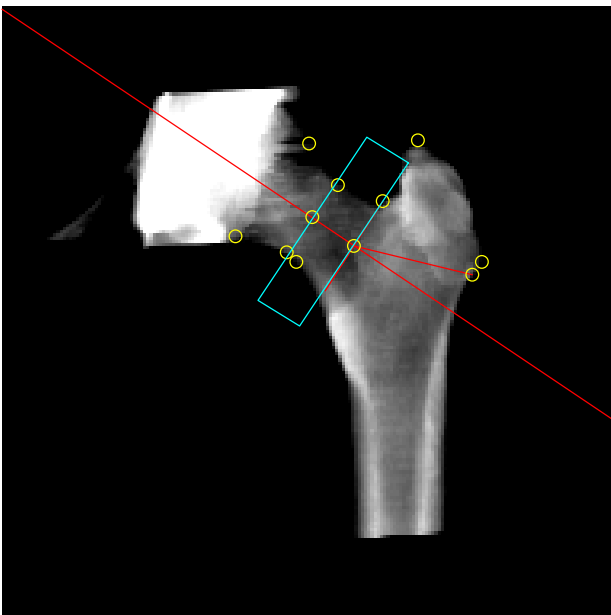


Image not intended for diagnostic purposes.