

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: GC062, GC062
ID: GC062
Date: 25/08/2014
Sex: Female
DOB: 29/08/1949
Age: 64

CT Scan Parameters

kVp: 120
mA: 167
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)	.947	407.8	4.53	4.79	11.1
Femoral Neck	.943	408.5	4.68	4.97	11.5
Trochanter	.922	274.9	9.35	10.15	34.0
Intertrochanter	1.530	550.6	40.15	26.23	72.9
Total Hip	1.310	457.6	54.18	41.37	118.4
Cortical Compartment					
Femoral Neck	.711	1078.9	3.53	4.97	3.3
Trochanter	.524	853.9	5.32	10.15	6.2
Intertrochanter	1.310	1127.7	34.38	26.23	30.5
Total Hip	1.045	1081.3	43.23	41.37	40.0
Trabecular Compartment					
Femoral Neck	.231	140.1	1.15	4.97	8.2
Trochanter	.397	144.8	4.03	10.15	27.8
Intertrochanter	.220	135.8	5.76	26.23	42.4
Total Hip	.264	139.4	10.93	41.37	78.4

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: 38.3 degrees
Femoral Neck Width: 29.6 mm
Hip Axis Length: 110.6 mm
FN ROI Height: 15.0 mm

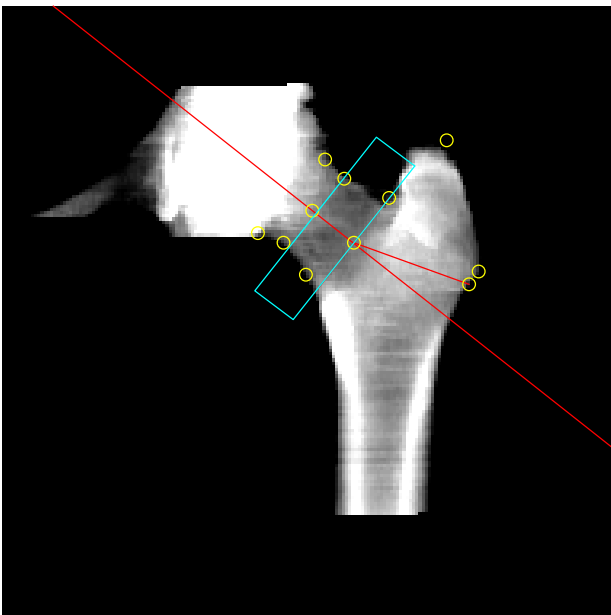


Image not intended for diagnostic purposes.