

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: BS037, BS037
ID: BS037
Date: 27/01/2014
Sex: Male
DOB: 29/11/1949
Age: 64

CT Scan Parameters

kVp: 120
mA: 178
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)	.722	269.0	4.52	6.25	16.8
Femoral Neck	.702	266.0	4.61	6.57	17.3
Trochanter	.744	224.5	8.22	11.05	36.6
Intertrochanter	1.184	384.9	26.19	22.11	68.0
Total Hip	.982	319.9	39.02	39.74	122.0
Cortical Compartment					
Femoral Neck	.386	1202.7	2.53	6.57	2.1
Trochanter	.282	946.2	3.12	11.05	3.3
Intertrochanter	.865	933.9	19.12	22.11	20.5
Total Hip	.623	957.5	24.77	39.74	25.9
Trabecular Compartment					
Femoral Neck	.316	136.2	2.07	6.57	15.2
Trochanter	.462	153.0	5.10	11.05	33.3
Intertrochanter	.319	148.3	7.05	22.11	47.6
Total Hip	.358	148.0	14.23	39.74	96.1

Segmentation Parameters

High Threshold: 110.0 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: 36.5 degrees
Femoral Neck Width: 34.2 mm
Hip Axis Length: 122.3 mm
FN ROI Height: 15.0 mm

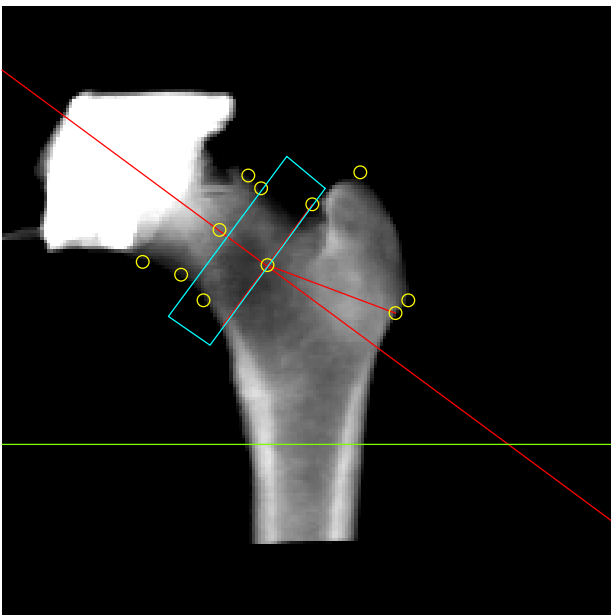


Image not intended for diagnostic purposes.