

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: JASON, JASON
ID: P2040
Date: 07/11/2013
Sex: Male
DOB: 23/10/1963
Age: 50

CT Scan Parameters

kVp: 120
mA: 127
Scan Time: 1.00
Table Height: 152.0
SFOV: 500
Slice Thickness (mm): 3.00
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)	.835	334.8	4.61	5.52	13.8
Femoral Neck	.827	338.0	4.83	5.84	14.3
Trochanter	.760	229.5	8.49	11.18	37.0
Intertrochanter	1.079	339.7	14.45	13.40	42.5
Total Hip	.913	296.0	27.77	30.43	93.8
Cortical Compartment					
Femoral Neck	.540	944.5	3.15	5.84	3.3
Trochanter	.344	929.1	3.84	11.18	4.1
Intertrochanter	.711	928.2	9.52	13.40	10.3
Total Hip	.543	931.9	16.51	30.43	17.7
Trabecular Compartment					
Femoral Neck	.287	153.0	1.68	5.84	11.0
Trochanter	.416	141.4	4.65	11.18	32.9
Intertrochanter	.367	152.4	4.92	13.40	32.3
Total Hip	.369	147.7	11.24	30.43	76.1

Segmentation Parameters

High Threshold: 100.0 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: 38.2 degrees
Femoral Neck Width: 31.8 mm
Hip Axis Length: 111.9 mm
FN ROI Height: 15.0 mm

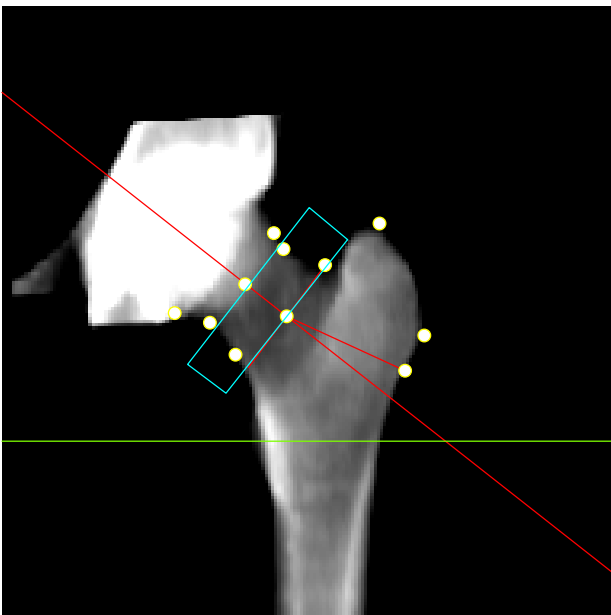


Image not intended for diagnostic purposes.