

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: JI035, JI035
ID: JI035
Date: 27/01/2014
Sex: Male
DOB: 25/06/1958
Age: 55

CT Scan Parameters

kVp: 120
mA: 157
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)	.775	295.9	3.97	5.12	13.4
Femoral Neck	.740	298.1	4.18	5.64	14.0
Trochanter	.684	230.0	7.76	11.34	33.7
Intertrochanter	1.100	391.0	26.11	23.75	66.8
Total Hip	.934	332.2	38.05	40.74	114.5
Cortical Compartment					
Femoral Neck	.510	1114.0	2.88	5.64	2.6
Trochanter	.395	963.4	4.48	11.34	4.6
Intertrochanter	.857	1017.7	20.36	23.75	20.0
Total Hip	.680	1017.6	27.72	40.74	27.2
Trabecular Compartment					
Femoral Neck	.230	113.5	1.30	5.64	11.4
Trochanter	.289	112.6	3.27	11.34	29.1
Intertrochanter	.241	122.6	5.73	23.75	46.8
Total Hip	.253	118.0	10.31	40.74	87.3

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: 39.8 degrees
Femoral Neck Width: 33.4 mm
Hip Axis Length: 120.7 mm
FN ROI Height: 15.0 mm

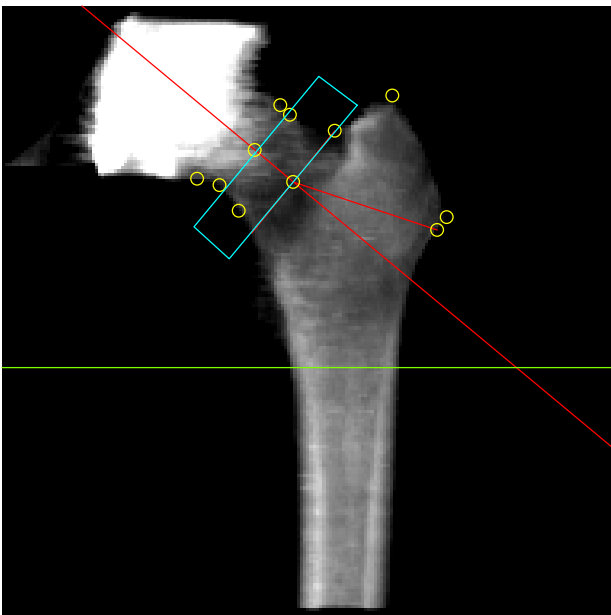


Image not intended for diagnostic purposes.