

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: RG018, RG018
ID: RG018
Date: 09/12/2013
Sex: Male
DOB: 21/05/1960
Age: 53

CT Scan Parameters

kVp: 120
mA: 103
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)	.873	396.7	4.36	5.00	11.0
Femoral Neck	.852	400.0	4.52	5.31	11.3
Trochanter	.985	330.8	7.66	7.78	23.2
Intertrochanter	1.326	498.0	25.08	18.91	50.4
Total Hip	1.164	439.4	37.27	32.02	84.8
Cortical Compartment					
Femoral Neck	.645	1092.2	3.43	5.31	3.1
Trochanter	.609	942.0	4.73	7.78	5.0
Intertrochanter	1.100	1096.2	20.79	18.91	19.0
Total Hip	.904	1067.4	28.96	32.02	27.1
Trabecular Compartment					
Femoral Neck	.206	133.8	1.09	5.31	8.2
Trochanter	.375	161.1	2.92	7.78	18.1
Intertrochanter	.226	136.3	4.28	18.91	31.4
Total Hip	.259	143.7	8.29	32.02	57.7

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: 36.0 degrees
Femoral Neck Width: 28.0 mm
Hip Axis Length: 116.0 mm
FN ROI Height: 15.0 mm

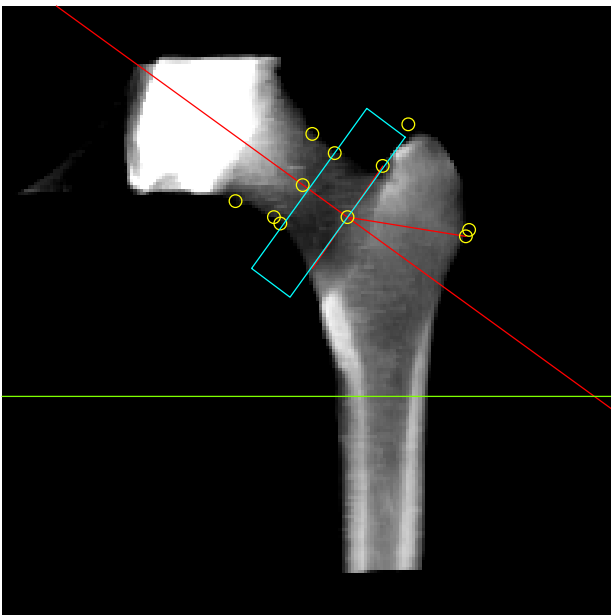


Image not intended for diagnostic purposes.