

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DS026, DS026
ID: DS026
Date: 25/11/2013
Sex: Female
DOB: 06/03/1962
Age: 51

CT Scan Parameters

kVp: 120
mA: 165
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)	.567	236.7	2.83	4.99	12.0
Femoral Neck	.561	236.0	2.91	5.18	12.3
Trochanter	.519	177.2	4.59	8.83	25.9
Intertrochanter	.842	286.1	12.87	15.28	45.0
Total Hip	.695	244.8	20.36	29.30	83.2
Cortical Compartment					
Femoral Neck	.355	1388.6	1.84	5.18	1.3
Trochanter	.228	1249.8	2.01	8.83	1.6
Intertrochanter	.594	1067.1	9.08	15.28	8.5
Total Hip	.441	1130.4	12.93	29.30	11.4
Trabecular Compartment					
Femoral Neck	.206	97.0	1.07	5.18	11.0
Trochanter	.291	105.9	2.57	8.83	24.3
Intertrochanter	.248	103.7	3.78	15.28	36.5
Total Hip	.253	103.5	7.42	29.30	71.7

Segmentation Parameters

High Threshold: 120.0 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: 32.2 degrees
Femoral Neck Width: 30.5 mm
Hip Axis Length: 104.0 mm
FN ROI Height: 15.0 mm

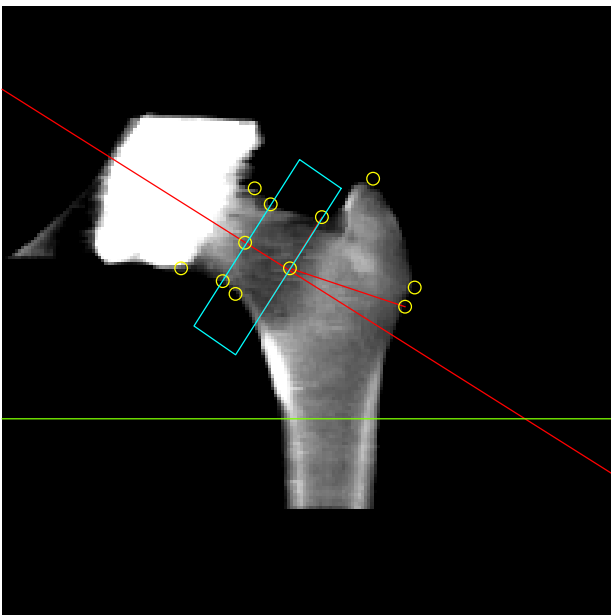


Image not intended for diagnostic purposes.