

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: DP063, DP063
ID: DP063
Date: 25/09/2014
Sex: Female
DOB: 04/04/1947
Age: 67

CT Scan Parameters

kVp: 120
mA: 125
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)	.682	292.2	2.22	3.25	7.6
Femoral Neck	.604	283.7	2.46	4.07	8.7
Trochanter	.629	200.1	7.70	12.23	38.5
Intertrochanter	1.105	368.0	23.10	20.91	62.8
Total Hip	.893	302.6	33.26	37.24	109.9
Cortical Compartment					
Femoral Neck	.442	1121.6	1.80	4.07	1.6
Trochanter	.343	819.0	4.20	12.23	5.1
Intertrochanter	.898	1034.4	18.78	20.91	18.2
Total Hip	.665	996.0	24.77	37.24	24.9
Trabecular Compartment					
Femoral Neck	.162	93.4	.66	4.07	7.1
Trochanter	.286	104.8	3.50	12.23	33.3
Intertrochanter	.206	96.6	4.31	20.91	44.6
Total Hip	.227	99.6	8.47	37.24	85.0

Segmentation Parameters

High Threshold: 110.0 mg/cm³
Low Threshold: -250.0 mg/cm³
Range: 0.0850
Cortical Bone Threshold: 300.00 mg/cm³
Hip Analyzed: Left

Geometric Measurements

Femoral Neck Axis Angle: 37.6 degrees
Femoral Neck Width: 29.7 mm
Hip Axis Length: 54.2 mm
FN ROI Height: 10.0 mm

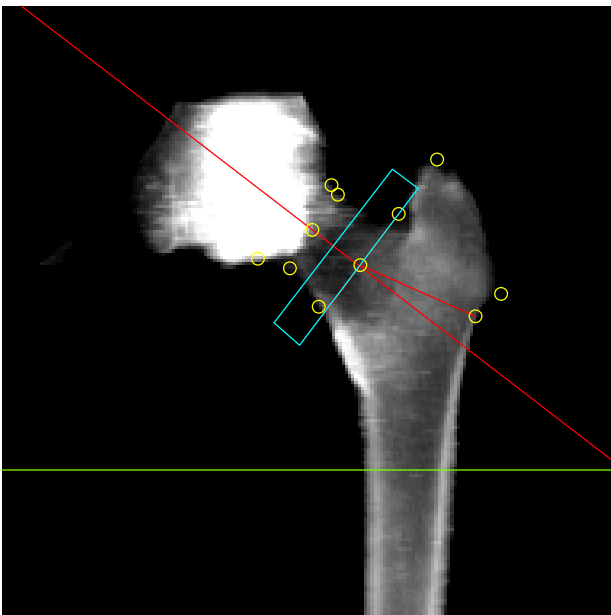


Image not intended for diagnostic purposes.