

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: P2042, P2042
ID: P2042
Date: 14/11/2013
Sex: Female
DOB: 02/03/1958
Age: 55

CT Scan Parameters

kVp: 120
mA: 143
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)	.907	407.3	4.04	4.45	9.9
Femoral Neck	.903	410.1	4.24	4.69	10.3
Trochanter	.807	279.3	7.55	9.35	27.0
Intertrochanter	1.206	441.0	20.01	16.59	45.4
Total Hip	1.038	384.3	31.79	30.64	82.7
Cortical Compartment					
Femoral Neck	.652	895.4	3.06	4.69	3.4
Trochanter	.437	812.8	4.09	9.35	5.0
Intertrochanter	.936	847.3	15.53	16.59	18.3
Total Hip	.740	847.1	22.68	30.64	26.8
Trabecular Compartment					
Femoral Neck	.251	170.0	1.18	4.69	6.9
Trochanter	.370	157.2	3.46	9.35	22.0
Intertrochanter	.270	165.3	4.47	16.59	27.0
Total Hip	.297	162.7	9.10	30.64	56.0

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: 42.8 degrees
Femoral Neck Width: 28.3 mm
Hip Axis Length: 116.8 mm
FN ROI Height: 15.0 mm

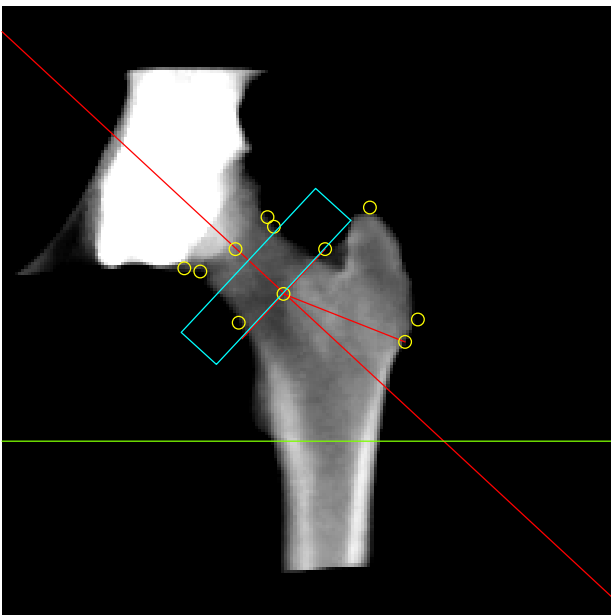


Image not intended for diagnostic purposes.