

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: RUDLO, ANNE
ID: C5009
Date: 10/10/2013
Sex: Female
DOB: 13/07/1955
Age: 58

CT Scan Parameters

kVp: 120
mA: 100
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)	.552	245.6	1.81	3.29	7.4
Femoral Neck	.521	241.8	1.88	3.61	7.8
Trochanter	.586	200.9	4.12	7.03	20.5
Intertrochanter	1.074	433.1	30.38	28.29	70.1
Total Hip	.934	369.6	36.38	38.94	98.4
Cortical Compartment					
Femoral Neck	.340	1707.9	1.23	3.61	.7
Trochanter	.377	1016.6	2.65	7.03	2.6
Intertrochanter	.943	1262.1	26.68	28.29	21.1
Total Hip	.785	1249.4	30.56	38.94	24.5
Trabecular Compartment					
Femoral Neck	.181	92.6	.65	3.61	7.1
Trochanter	.209	82.1	1.47	7.03	17.9
Intertrochanter	.130	75.1	3.68	28.29	49.0
Total Hip	.149	78.5	5.81	38.94	74.0

Segmentation Parameters

High Threshold: 110.0 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: 44.1 degrees
Femoral Neck Width: 28.6 mm
Hip Axis Length: 100.8 mm
FN ROI Height: 10.0 mm

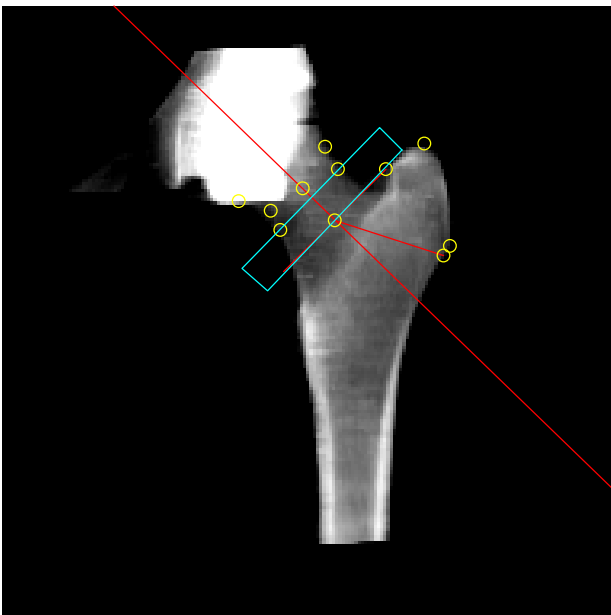


Image not intended for diagnostic purposes.