

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: ROSE, ROSE
ID: C5047
Date: 07/11/2013
Sex: Female
DOB: 17/05/1937
Age: 76

CT Scan Parameters

kVp: 120
mA: 128
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)	.653	255.1	2.08	3.18	8.1
Femoral Neck	.620	255.5	2.08	3.36	8.1
Trochanter	.750	243.4	8.32	11.09	34.2
Intertrochanter	1.264	424.3	38.20	30.23	90.0
Total Hip	1.088	367.2	48.60	44.68	132.4
Cortical Compartment					
Femoral Neck	.447	1135.4	1.50	3.36	1.3
Trochanter	.446	787.4	4.95	11.09	6.3
Intertrochanter	1.127	1139.9	34.08	30.23	29.9
Total Hip	.907	1080.8	40.53	44.68	37.5
Trabecular Compartment					
Femoral Neck	.173	85.0	.58	3.36	6.8
Trochanter	.304	120.8	3.37	11.09	27.9
Intertrochanter	.136	68.2	4.10	30.23	60.1
Total Hip	.180	84.9	8.05	44.68	94.9

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: 48.0 degrees
Femoral Neck Width: 32.6 mm
Hip Axis Length: 121.7 mm
FN ROI Height: 10.0 mm

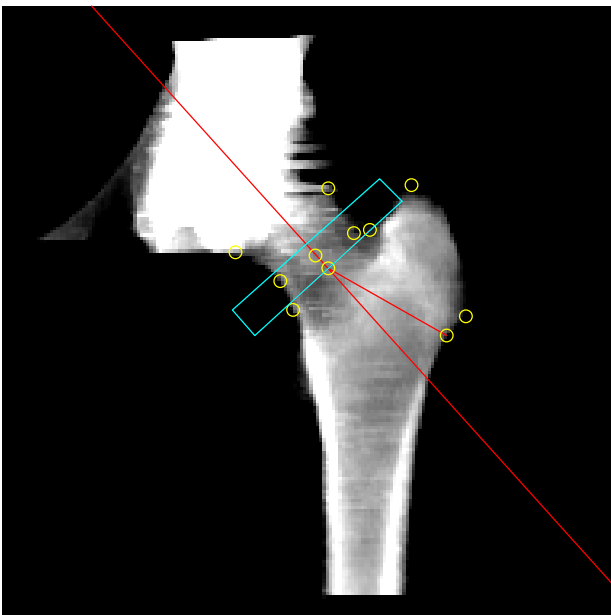


Image not intended for diagnostic purposes.