

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: EP033, EP033
ID: EP033
Date: 13/01/2014
Sex: Male
DOB: 16/03/1948
Age: 65

CT Scan Parameters

kVp: 120
mA: 131
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)	.683	243.8	4.16	6.09	17.1
Femoral Neck	.647	240.9	4.23	6.55	17.6
Trochanter	.689	204.0	8.19	11.89	40.2
Intertrochanter	1.150	384.1	36.12	31.41	94.0
Total Hip	.974	319.8	48.54	49.86	151.8
Cortical Compartment					
Femoral Neck	.439	1320.8	2.87	6.55	2.2
Trochanter	.327	1058.9	3.89	11.89	3.7
Intertrochanter	.953	1185.6	29.95	31.41	25.3
Total Hip	.736	1180.2	36.71	49.86	31.1
Trabecular Compartment					
Femoral Neck	.207	88.1	1.36	6.55	15.4
Trochanter	.361	117.8	4.30	11.89	36.5
Intertrochanter	.196	89.5	6.15	31.41	68.8
Total Hip	.237	97.9	11.81	49.86	120.7

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: 34.1 degrees
Femoral Neck Width: 35.7 mm
Hip Axis Length: 125.1 mm
FN ROI Height: 15.0 mm

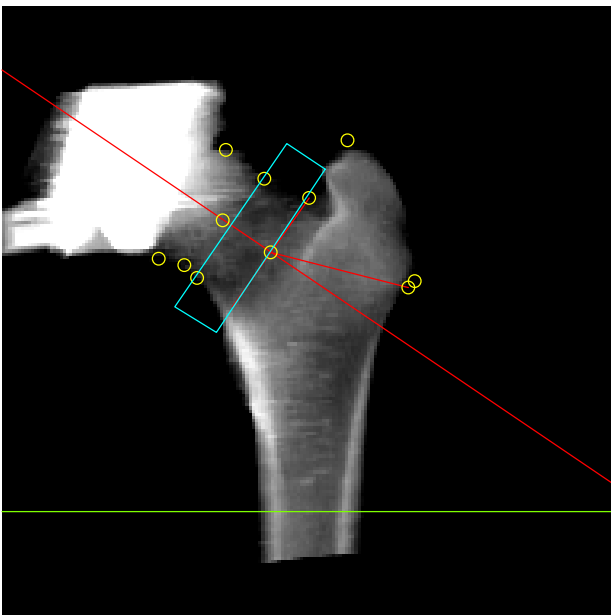


Image not intended for diagnostic purposes.