

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: KJ027, KJ027
ID: KJ027
Date: 25/11/2013
Sex: Male
DOB: 17/10/1943
Age: 70

CT Scan Parameters

kVp: 120
mA: 122
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)	.635	276.4	3.47	5.47	12.6
Femoral Neck	.613	276.6	3.60	5.86	13.0
Trochanter	.656	221.4	6.51	9.93	29.4
Intertrochanter	.978	349.5	19.50	19.95	55.8
Total Hip	.828	301.5	29.60	35.75	98.2
Cortical Compartment					
Femoral Neck	.396	1389.3	2.32	5.86	1.7
Trochanter	.349	1110.2	3.47	9.93	3.1
Intertrochanter	.715	1205.5	14.26	19.95	11.8
Total Hip	.561	1206.5	20.05	35.75	16.6
Trabecular Compartment					
Femoral Neck	.217	112.5	1.27	5.86	11.3
Trochanter	.306	115.7	3.04	9.93	26.3
Intertrochanter	.262	118.9	5.23	19.95	44.0
Total Hip	.267	117.0	9.54	35.75	81.6

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: 34.7 degrees
Femoral Neck Width: 29.3 mm
Hip Axis Length: 117.8 mm
FN ROI Height: 15.0 mm

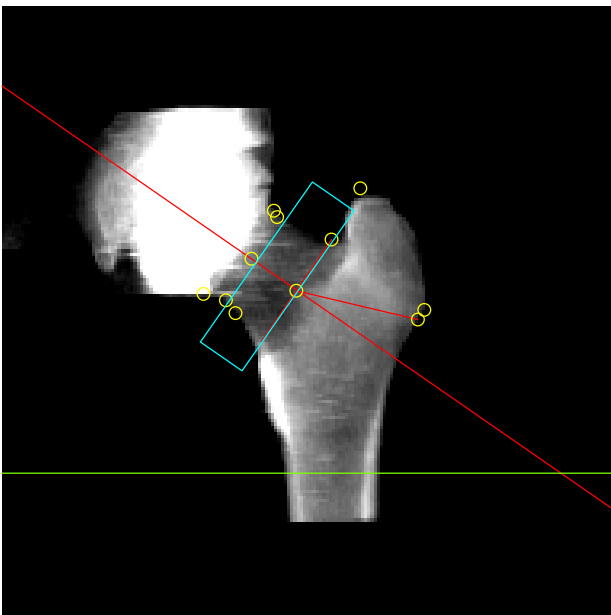


Image not intended for diagnostic purposes.