

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: SCHELLENBERG, ARNOLD
ID: C5025
Date: 10/10/2013
Sex: Male
DOB: 19/05/1941
Age: 72

CT Scan Parameters

kVp: 120
mA: 137
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)	.876	332.3	4.62	5.27	13.9
Femoral Neck	.863	333.1	4.74	5.49	14.2
Trochanter	.902	285.9	9.35	10.36	32.7
Intertrochanter	1.412	478.6	46.86	33.19	97.9
Total Hip	1.242	420.8	60.95	49.06	144.8
Cortical Compartment					
Femoral Neck	.606	1023.2	3.33	5.49	3.3
Trochanter	.572	913.7	5.93	10.36	6.5
Intertrochanter	1.223	1193.5	40.61	33.19	34.0
Total Hip	1.017	1139.5	49.87	49.06	43.8
Trabecular Compartment					
Femoral Neck	.257	128.5	1.41	5.49	11.0
Trochanter	.330	130.3	3.42	10.36	26.2
Intertrochanter	.188	97.5	6.23	33.19	63.9
Total Hip	.225	109.4	11.05	49.06	101.1

Segmentation Parameters

High Threshold: 140.0 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: 40.6 degrees
Femoral Neck Width: 33.6 mm
Hip Axis Length: 119.8 mm
FN ROI Height: 15.0 mm

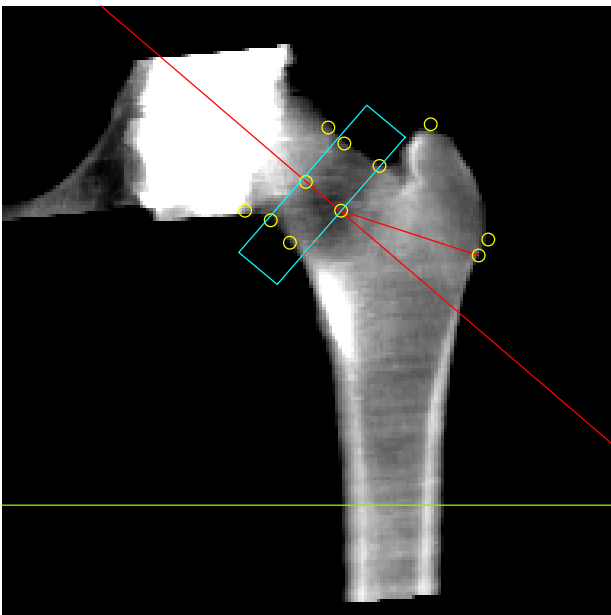


Image not intended for diagnostic purposes.