

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: VH053, VH053
ID: VH053
Date: 11/08/2014
Sex: Male
DOB: 22/09/1942
Age: 71

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)	.726	265.5	4.23	5.82	15.9
Femoral Neck	.706	266.4	4.16	5.90	15.6
Trochanter	.884	252.9	11.28	12.76	44.6
Intertrochanter	1.362	439.8	41.38	30.38	94.1
Total Hip	1.158	368.2	56.83	49.05	154.3
Cortical Compartment					
Femoral Neck	.490	1211.4	2.89	5.90	2.4
Trochanter	.448	885.3	5.71	12.76	6.5
Intertrochanter	1.101	1116.7	33.44	30.38	29.9
Total Hip	.857	1084.2	42.04	49.05	38.8
Trabecular Compartment					
Femoral Neck	.215	95.7	1.27	5.90	13.2
Trochanter	.436	145.7	5.56	12.76	38.1
Intertrochanter	.261	123.6	7.93	30.38	64.2
Total Hip	.301	127.7	14.76	49.05	115.5

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: 36.5 degrees
Femoral Neck Width: 34.8 mm
Hip Axis Length: 133.4 mm
FN ROI Height: 15.0 mm

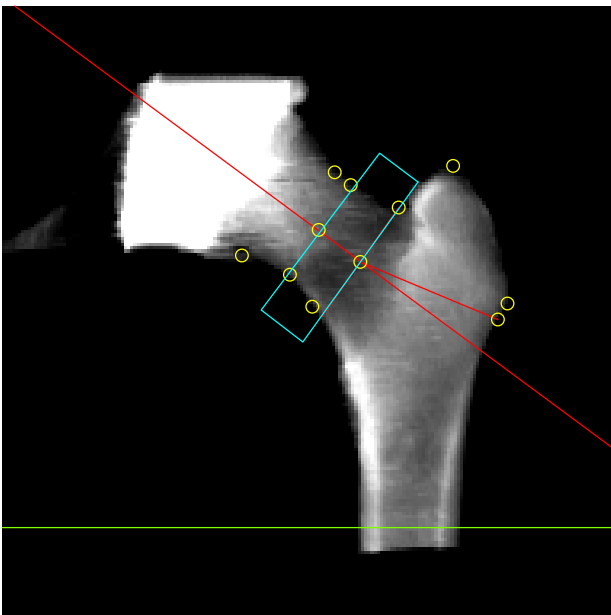


Image not intended for diagnostic purposes.