

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: PT014, PT014
ID: PT014
Date: 13/01/2014
Sex: Male
DOB: 08/09/1942
Age: 71

CT Scan Parameters

kVp: 120
mA: 204
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)	.985	428.8	4.63	4.70	10.8
Femoral Neck	.987	432.3	4.67	4.73	10.8
Trochanter	.891	285.6	10.19	11.44	35.7
Intertrochanter	1.304	426.2	24.17	18.53	56.7
Total Hip	1.125	378.2	39.03	34.71	103.2
Cortical Compartment					
Femoral Neck	.762	914.9	3.60	4.73	3.9
Trochanter	.466	781.6	5.33	11.44	6.8
Intertrochanter	1.020	963.5	18.90	18.53	19.6
Total Hip	.802	916.6	27.84	34.71	30.4
Trabecular Compartment					
Femoral Neck	.225	155.0	1.06	4.73	6.9
Trochanter	.425	168.2	4.86	11.44	28.9
Intertrochanter	.284	141.6	5.25	18.53	37.1
Total Hip	.322	153.4	11.18	34.71	72.8

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: 33.1 degrees
Femoral Neck Width: 29.2 mm
Hip Axis Length: 114.3 mm
FN ROI Height: 15.0 mm

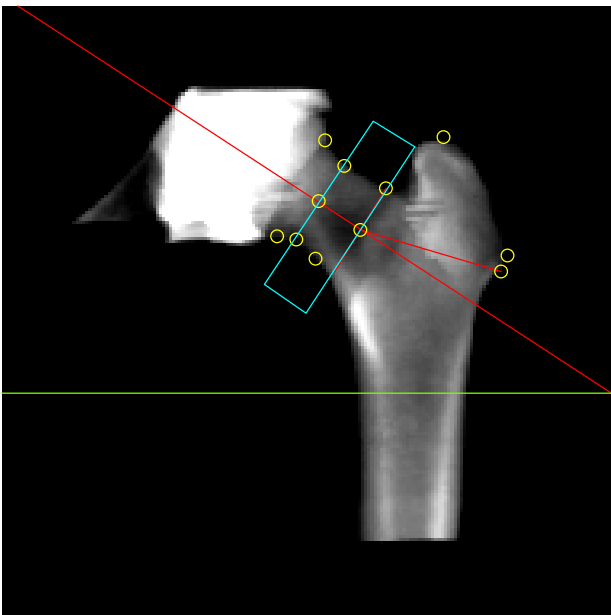


Image not intended for diagnostic purposes.