

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: C5027, C5027
ID: C5027
Date: 24/10/2013
Sex: Female
DOB: 10/09/1962
Age: 51

CT Scan Parameters

kVp: 120
mA: 222
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)	.900	393.4	3.97	4.41	10.1
Femoral Neck	.897	392.5	4.15	4.63	10.6
Trochanter	.728	270.7	5.97	8.20	22.0
Intertrochanter	1.581	643.3	54.74	34.62	85.1
Total Hip	1.367	551.0	64.86	47.45	117.7
Cortical Compartment					
Femoral Neck	.670	1060.4	3.10	4.63	2.9
Trochanter	.428	888.8	3.51	8.20	3.9
Intertrochanter	1.395	1150.4	48.28	34.62	42.0
Total Hip	1.157	1123.9	54.89	47.45	48.8
Trabecular Compartment					
Femoral Neck	.226	137.0	1.05	4.63	7.7
Trochanter	.300	135.7	2.46	8.20	18.1
Intertrochanter	.186	149.4	6.44	34.62	43.1
Total Hip	.210	144.4	9.95	47.45	68.9

Segmentation Parameters

High Threshold: 130.0 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: 36.1 degrees
Femoral Neck Width: 29.1 mm
Hip Axis Length: 118.8 mm
FN ROI Height: 15.0 mm

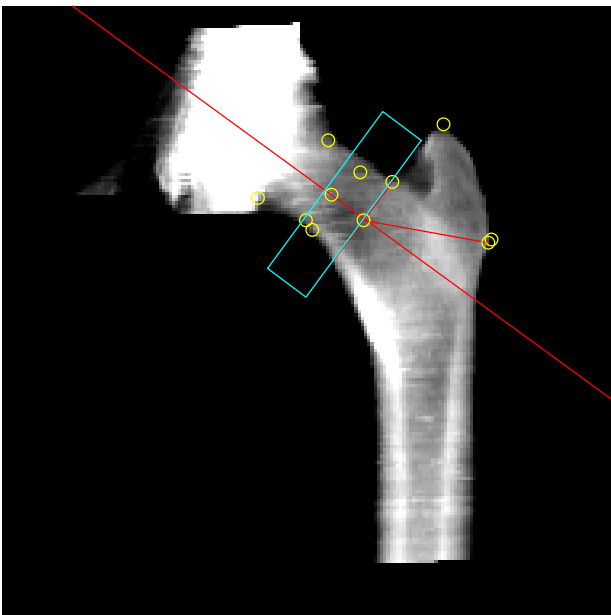


Image not intended for diagnostic purposes.