

CTXATM Hip Bone Mineral Densitometry

Technical Report

Patient Information

Name: TW057, TW057
ID: TW057
Date: 08/09/2014
Sex: Male
DOB: 31/08/1956
Age: 58

CT Scan Parameters

kVp: 120
mA: 121
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)	.882	367.8	4.78	5.43	13.0
Femoral Neck	.881	370.0	4.82	5.47	13.0
Trochanter	.810	262.1	9.20	11.36	35.1
Intertrochanter	1.511	567.3	50.35	33.32	88.8
Total Hip	1.283	470.3	64.37	50.16	136.9
Cortical Compartment					
Femoral Neck	.674	1077.9	3.69	5.47	3.4
Trochanter	.482	931.5	5.47	11.36	5.9
Intertrochanter	1.321	1062.0	44.01	33.32	41.4
Total Hip	1.060	1048.1	53.17	50.16	50.7
Trabecular Compartment					
Femoral Neck	.207	117.6	1.13	5.47	9.6
Trochanter	.328	127.5	3.73	11.36	29.2
Intertrochanter	.190	133.6	6.32	33.32	47.3
Total Hip	.223	129.8	11.18	50.16	86.2

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: 32.9 degrees
Femoral Neck Width: 30.5 mm
Hip Axis Length: 125.7 mm
FN ROI Height: 15.0 mm

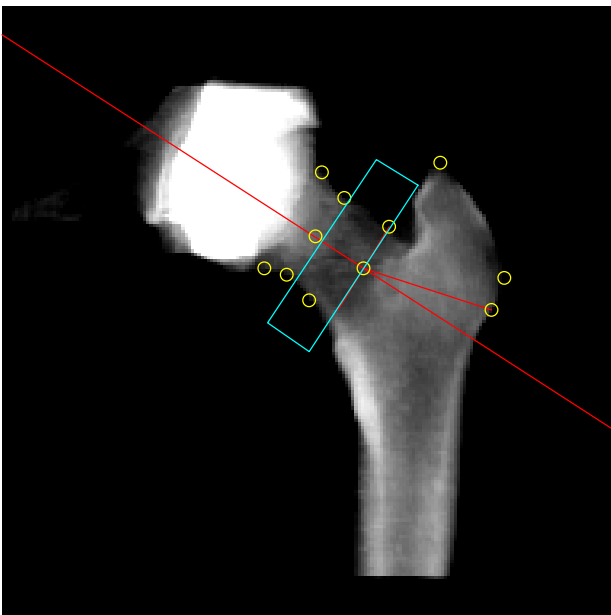


Image not intended for diagnostic purposes.