

# CTXA<sup>TM</sup> Hip Bone Mineral Densitometry

## Technical Report

### Patient Information

Name: DM034, DM034  
ID: DM034  
Date: 10/12/2013  
Sex: Female  
DOB: 29/08/1949  
Age: 64

### CT Scan Parameters

kVp: 120  
mA: 159  
Scan Time: 1.00  
Table Height: 152.0  
SFOV: 500  
Slice Thickness (mm): 1.50  
FUC: 1.073

### ROI Measurements

ROI	BMD (g/cm <sup>2</sup> )	BMD (mg/cm <sup>3</sup> )	Mass (grams)	Area (cm <sup>2</sup> )	Volume (cm <sup>3</sup> )
<b>Total Bone Compartment</b>					
Neck (User Defined)	.540	199.3	1.70	3.15	8.5
Femoral Neck	.520	196.5	1.80	3.47	9.2
Trochanter	.428	143.7	4.54	10.60	31.6
Intertrochanter	.768	274.3	22.13	28.81	80.6
Total Hip	.664	234.5	28.47	42.89	121.4
<b>Cortical Compartment</b>					
Femoral Neck	.274	1775.2	.95	3.47	.5
Trochanter	.154	3177.6	1.64	10.60	.5
Intertrochanter	.564	1164.8	16.26	28.81	14.0
Total Hip	.439	1255.7	18.85	42.89	15.0
<b>Trabecular Compartment</b>					
Femoral Neck	.245	98.6	.85	3.47	8.6
Trochanter	.274	93.3	2.90	10.60	31.1
Intertrochanter	.203	87.8	5.85	28.81	66.7
Total Hip	.224	90.3	9.60	42.89	106.4

### Segmentation Parameters

High Threshold: 125.0 mg/cm<sup>3</sup>  
Low Threshold: -250.0 mg/cm<sup>3</sup>  
Range: 0.1850  
Cortical Bone Threshold: 350.00 mg/cm<sup>3</sup>  
Hip Analyzed: Left

### Geometric Measurements

Femoral Neck Axis Angle: 42.1 degrees  
Femoral Neck Width: 34.5 mm  
Hip Axis Length: 116.1 mm  
FN ROI Height: 10.0 mm

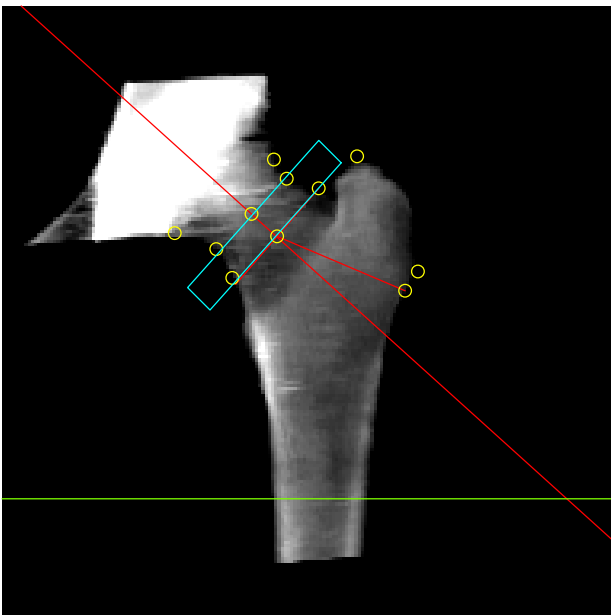


Image not intended for diagnostic purposes.