

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

## Technical Report

### Patient Information

Name: CC054, CC054  
ID: CC054  
Date: 11/08/2014  
Sex: Female  
DOB: 23/10/1953  
Age: 60

### CT Scan Parameters

kVp: 120  
mA: 107  
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)	.783	357.1	3.50	4.47	9.8
Femoral Neck	.777	359.4	3.51	4.52	9.8
Trochanter	.647	237.9	5.24	8.10	22.0
Intertrochanter	1.233	490.3	26.70	21.65	54.5
Total Hip	1.034	411.1	35.45	34.28	86.2
<b>Cortical Compartment</b>					
Femoral Neck	.590	1214.9	2.67	4.52	2.2
Trochanter	.377	1101.6	3.05	8.10	2.8
Intertrochanter	1.060	1251.9	22.96	21.65	18.3
Total Hip	.837	1230.7	28.67	34.28	23.3
<b>Trabecular Compartment</b>					
Femoral Neck	.186	111.0	.84	4.52	7.6
Trochanter	.270	113.5	2.18	8.10	19.2
Intertrochanter	.172	103.3	3.73	21.65	36.1
Total Hip	.197	107.4	6.76	34.28	62.9

### Segmentation Parameters

High Threshold: 120.0 mg/cm<sup>3</sup>  
Low Threshold: -250.0 mg/cm<sup>3</sup>  
Range: 0.0850  
Cortical Bone Threshold: 350.00 mg/cm<sup>3</sup>  
Hip Analyzed: Left

### Geometric Measurements

Femoral Neck Axis Angle: 33.3 degrees  
Femoral Neck Width: 27.9 mm  
Hip Axis Length: 99.4 mm  
FN ROI Height: 15.0 mm

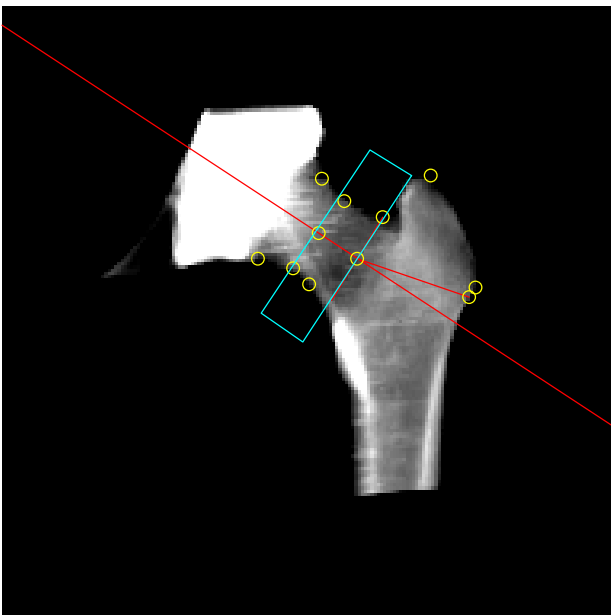


Image not intended for diagnostic purposes.