

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

## Technical Report

### Patient Information

Name: GC013, GC013  
ID: GC013  
Date: 13/01/2014  
Sex: Male  
DOB: 01/06/1950  
Age: 63

### CT Scan Parameters

kVp: 120  
mA: 113  
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)	.791	330.3	3.91	4.95	11.9
Femoral Neck	.785	331.5	3.93	5.01	11.9
Trochanter	.746	232.8	7.86	10.53	33.8
Intertrochanter	1.266	403.7	22.54	17.80	55.8
Total Hip	1.029	338.4	34.33	33.36	101.5
<b>Cortical Compartment</b>					
Femoral Neck	.524	1019.4	2.63	5.01	2.6
Trochanter	.350	889.2	3.68	10.53	4.1
Intertrochanter	.903	992.4	16.07	17.80	16.2
Total Hip	.671	977.0	22.37	33.36	22.9
<b>Trabecular Compartment</b>					
Femoral Neck	.260	140.3	1.30	5.01	9.3
Trochanter	.396	140.9	4.17	10.53	29.6
Intertrochanter	.363	163.1	6.47	17.80	39.6
Total Hip	.358	152.1	11.94	33.36	78.6

### Segmentation Parameters

High Threshold: 100.0 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: 30.7 degrees  
Femoral Neck Width: 30.5 mm  
Hip Axis Length: 113.9 mm  
FN ROI Height: 15.0 mm



Image not intended for diagnostic purposes.