

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

## Technical Report

### Patient Information

Name: RB051, RB051  
ID: RB051  
Date: 31/07/2014  
Sex: Male  
DOB: 12/11/1927  
Age: 86

### CT Scan Parameters

kVp: 120  
mA: 137  
Scan Time: 1.00  
Table Height: 152.0  
SFOV: 500  
Slice Thickness (mm): 3.00  
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)	.592	243.3	2.15	3.63	8.8
Femoral Neck	.589	247.1	2.19	3.72	8.9
Trochanter	.673	228.2	7.71	11.45	33.8
Intertrochanter	1.000	346.9	19.92	19.92	57.4
Total Hip	.850	298.0	29.83	35.10	100.1
<b>Cortical Compartment</b>					
Femoral Neck	.412	842.5	1.53	3.72	1.8
Trochanter	.422	781.1	4.84	11.45	6.2
Intertrochanter	.799	954.8	15.92	19.92	16.7
Total Hip	.635	903.0	22.29	35.10	24.7
<b>Trabecular Compartment</b>					
Femoral Neck	.176	93.1	.66	3.72	7.1
Trochanter	.251	104.0	2.87	11.45	27.6
Intertrochanter	.200	98.0	3.99	19.92	40.8
Total Hip	.214	99.7	7.52	35.10	75.4

### 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: 300.00 mg/cm<sup>3</sup>  
Hip Analyzed: Left

### Geometric Measurements

Femoral Neck Axis Angle: 45.0 degrees  
Femoral Neck Width: 31.0 mm  
Hip Axis Length: 127.1 mm  
FN ROI Height: 10.0 mm

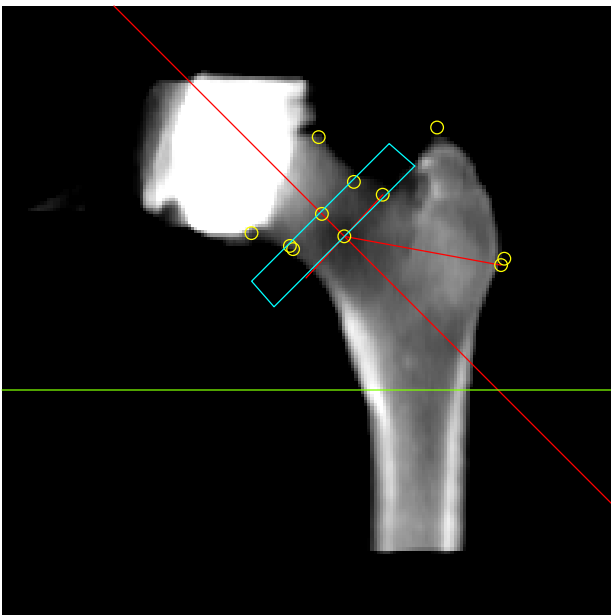


Image not intended for diagnostic purposes.