

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

## Technical Report

### Patient Information

Name: LB046, LB046  
ID: LB046  
Date: 10/12/2013  
Sex: Female  
DOB: 27/01/1934  
Age: 79

### CT Scan Parameters

kVp: 120  
mA: 117  
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)	.593	270.8	2.55	4.30	9.4
Femoral Neck	.583	268.9	2.54	4.35	9.4
Trochanter	.488	170.2	3.88	7.96	22.8
Intertrochanter	.886	353.9	17.18	19.38	48.5
Total Hip	.745	292.1	23.60	31.69	80.8
<b>Cortical Compartment</b>					
Femoral Neck	.377	1300.1	1.64	4.35	1.3
Trochanter	.188	1920.1	1.49	7.96	.8
Intertrochanter	.657	1042.2	12.73	19.38	12.2
Total Hip	.501	1113.3	15.87	31.69	14.3
<b>Trabecular Compartment</b>					
Femoral Neck	.206	109.7	.90	4.35	8.2
Trochanter	.300	108.3	2.39	7.96	22.0
Intertrochanter	.229	122.2	4.44	19.38	36.3
Total Hip	.244	116.1	7.72	31.69	66.5

### Segmentation Parameters

High Threshold: 115.0 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: 34.5 degrees  
Femoral Neck Width: 27.9 mm  
Hip Axis Length: 98.3 mm  
FN ROI Height: 15.0 mm

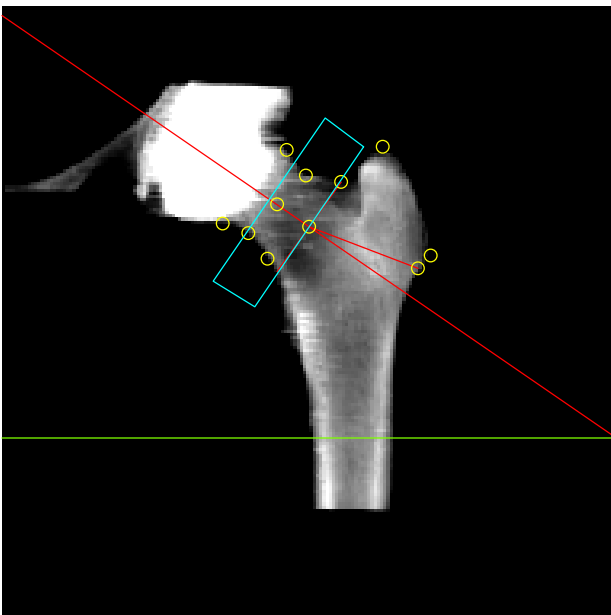


Image not intended for diagnostic purposes.