

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

## Technical Report

### Patient Information

Name: LA044, LA044  
ID: LA044  
Date: 03/07/2014  
Sex: Female  
DOB: 17/02/1960  
Age: 54

### CT Scan Parameters

kVp: 120  
mA: 160  
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)	.764	358.9	3.00	3.93	8.4
Femoral Neck	.751	358.2	3.11	4.14	8.7
Trochanter	.629	219.1	5.42	8.61	24.7
Intertrochanter	1.182	474.8	27.27	23.08	57.4
Total Hip	.999	394.0	35.80	35.84	90.9
<b>Cortical Compartment</b>					
Femoral Neck	.538	1144.4	2.23	4.14	1.9
Trochanter	.317	1038.9	2.73	8.61	2.6
Intertrochanter	.980	1130.5	22.62	23.08	20.0
Total Hip	.769	1122.1	27.58	35.84	24.6
<b>Trabecular Compartment</b>					
Femoral Neck	.213	131.0	.88	4.14	6.7
Trochanter	.312	121.5	2.69	8.61	22.1
Intertrochanter	.201	123.9	4.64	23.08	37.4
Total Hip	.229	123.8	8.21	35.84	66.3

### 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: 40.6 degrees  
Femoral Neck Width: 27.1 mm  
Hip Axis Length: 108.0 mm  
FN ROI Height: 15.0 mm

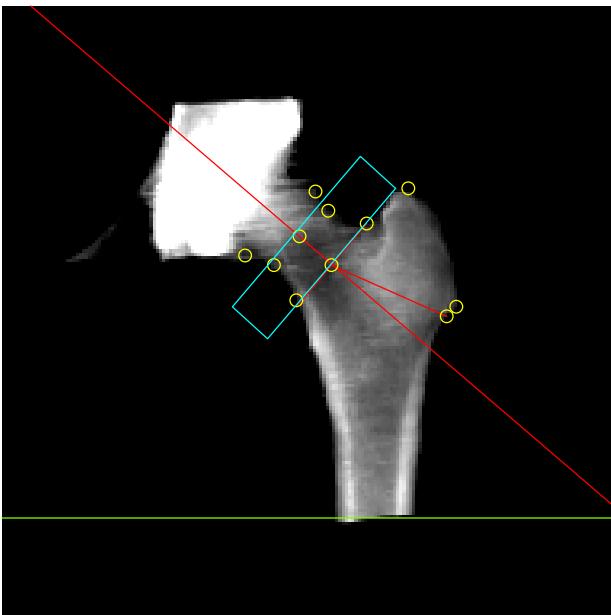


Image not intended for diagnostic purposes.