

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

## Technical Report

### Patient Information

Name: TC032, TC032  
ID: TC032  
Date: 03/07/2014  
Sex: Female  
DOB: 04/10/1931  
Age: 82

### CT Scan Parameters

kVp: 120  
mA: 150  
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)	.655	240.8	3.60	5.50	14.9
Femoral Neck	.637	226.7	3.43	5.39	15.1
Trochanter	.585	177.8	7.73	13.21	43.5
Intertrochanter	.996	338.4	28.28	28.41	83.6
Total Hip	.839	277.4	39.44	47.01	142.2
<b>Cortical Compartment</b>					
Femoral Neck	.473	1193.3	2.55	5.39	2.1
Trochanter	.277	1094.0	3.66	13.21	3.3
Intertrochanter	.815	1078.4	23.14	28.41	21.5
Total Hip	.624	1089.6	29.35	47.01	26.9
<b>Trabecular Compartment</b>					
Femoral Neck	.164	67.9	.88	5.39	13.0
Trochanter	.308	101.3	4.06	13.21	40.1
Intertrochanter	.181	82.6	5.13	28.41	62.1
Total Hip	.214	87.4	10.08	47.01	115.2

### 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: 34.1 degrees  
Femoral Neck Width: 34.6 mm  
Hip Axis Length: 118.9 mm  
FN ROI Height: 15.0 mm

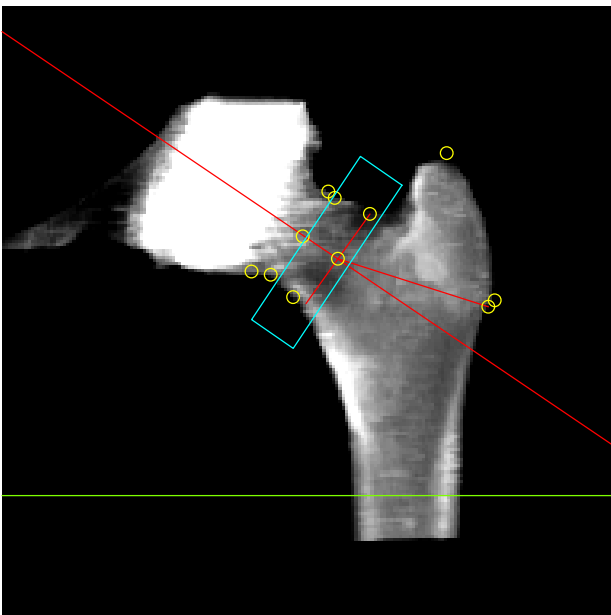


Image not intended for diagnostic purposes.