

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

## Technical Report

### Patient Information

Name: JW038, JW038  
ID: JW038  
Date: 09/12/2013  
Sex: Female  
DOB: 29/08/1943  
Age: 70

### CT Scan Parameters

kVp: 120  
mA: 132  
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)	.720	308.5	2.36	3.28	7.7
Femoral Neck	.706	306.3	2.49	3.53	8.1
Trochanter	.617	207.1	6.03	9.77	29.1
Intertrochanter	1.004	322.0	11.87	11.82	36.9
Total Hip	.811	275.1	20.39	25.13	74.1
<b>Cortical Compartment</b>					
Femoral Neck	.464	1112.4	1.64	3.53	1.5
Trochanter	.245	1080.0	2.40	9.77	2.2
Intertrochanter	.691	968.9	8.17	11.82	8.4
Total Hip	.485	1007.0	12.20	25.13	12.1
<b>Trabecular Compartment</b>					
Femoral Neck	.242	128.1	.85	3.53	6.7
Trochanter	.372	135.0	3.63	9.77	26.9
Intertrochanter	.313	130.0	3.69	11.82	28.4
Total Hip	.326	132.0	8.18	25.13	62.0

### Segmentation Parameters

High Threshold: 110.0 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: 40.4 degrees  
Femoral Neck Width: 29.7 mm  
Hip Axis Length: 106.7 mm  
FN ROI Height: 10.0 mm

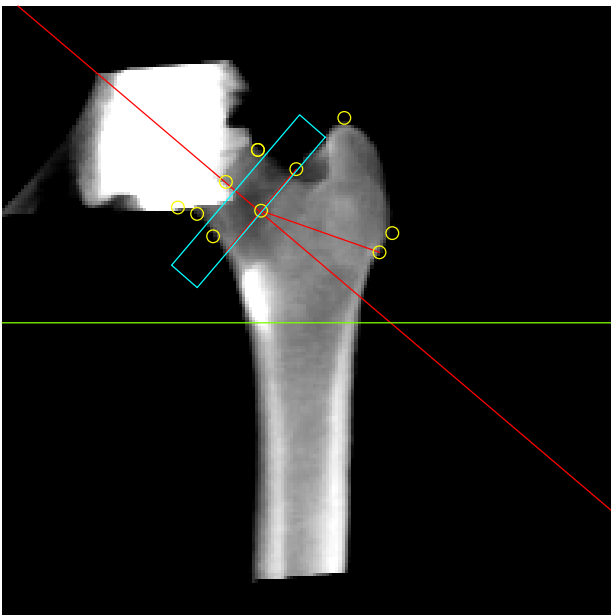


Image not intended for diagnostic purposes.