

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

## Technical Report

### Patient Information

Name: HH021, HH021  
ID: HH021  
Date: 03/04/2014  
Sex: Female  
DOB: 01/02/1943  
Age: 71

### CT Scan Parameters

kVp: 120  
mA: 120  
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)	.587	275.5	2.70	4.60	9.8
Femoral Neck	.575	273.4	2.84	4.94	10.4
Trochanter	.588	214.6	4.82	8.19	22.5
Intertrochanter	1.054	419.0	17.33	16.44	41.4
Total Hip	.845	336.8	25.00	29.58	74.2
<b>Cortical Compartment</b>					
Femoral Neck	.409	1445.8	2.02	4.94	1.4
Trochanter	.337	1241.9	2.76	8.19	2.2
Intertrochanter	.896	1270.1	14.73	16.44	11.6
Total Hip	.659	1282.5	19.50	29.58	15.2
<b>Trabecular Compartment</b>					
Femoral Neck	.166	91.3	.82	4.94	9.0
Trochanter	.251	101.7	2.06	8.19	20.2
Intertrochanter	.158	87.2	2.60	16.44	29.8
Total Hip	.185	92.8	5.48	29.58	59.0

### 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: 35.3 degrees  
Femoral Neck Width: 27.1 mm  
Hip Axis Length: 101.6 mm  
FN ROI Height: 15.0 mm

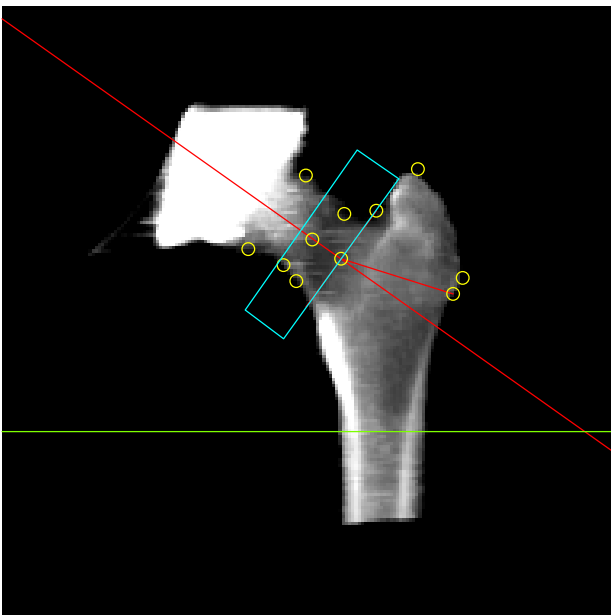


Image not intended for diagnostic purposes.