

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

## Technical Report

### Patient Information

Name: KT002, KT002  
ID: KT002  
Date: 19/12/2013  
Sex: Female  
DOB: 29/03/1943  
Age: 70

### CT Scan Parameters

kVp: 120  
mA: 121  
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)	.611	289.3	2.61	4.28	9.0
Femoral Neck	.607	290.3	2.73	4.50	9.4
Trochanter	.539	198.4	4.82	8.94	24.3
Intertrochanter	1.075	440.9	25.66	23.86	58.2
Total Hip	.890	361.4	33.21	37.32	91.9
<b>Cortical Compartment</b>					
Femoral Neck	.425	1193.2	1.91	4.50	1.6
Trochanter	.303	1132.9	2.71	8.94	2.4
Intertrochanter	.924	1203.7	22.06	23.86	18.3
Total Hip	.715	1195.6	26.68	37.32	22.3
<b>Trabecular Compartment</b>					
Femoral Neck	.181	104.5	.81	4.50	7.8
Trochanter	.236	96.4	2.11	8.94	21.9
Intertrochanter	.151	90.2	3.59	23.86	39.9
Total Hip	.175	93.7	6.52	37.32	69.6

### Segmentation Parameters

High Threshold: 130.0 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: 29.6 degrees  
Femoral Neck Width: 26.9 mm  
Hip Axis Length: 98.8 mm  
FN ROI Height: 15.0 mm

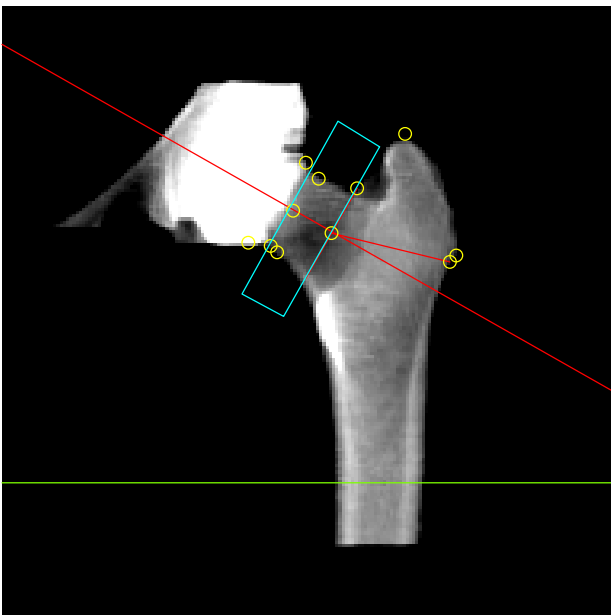


Image not intended for diagnostic purposes.