

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

## Technical Report

### Patient Information

Name: JL028, JL028  
ID: JD028  
Date: 28/11/2013  
Sex: Male  
DOB: 24/12/1956  
Age: 56

### CT Scan Parameters

kVp: 120  
mA: 117  
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)	.735	295.9	4.29	5.83	14.5
Femoral Neck	.700	294.7	4.43	6.32	15.0
Trochanter	.684	204.5	7.90	11.55	38.6
Intertrochanter	1.130	363.2	24.70	21.85	68.0
Total Hip	.931	304.4	37.02	39.75	121.6
<b>Cortical Compartment</b>					
Femoral Neck	.537	1191.9	3.40	6.32	2.8
Trochanter	.411	1044.2	4.75	11.55	4.5
Intertrochanter	.922	1133.1	20.15	21.85	17.8
Total Hip	.712	1124.1	28.29	39.75	25.2
<b>Trabecular Compartment</b>					
Femoral Neck	.162	84.5	1.03	6.32	12.2
Trochanter	.273	92.4	3.15	11.55	34.1
Intertrochanter	.207	90.3	4.53	21.85	50.2
Total Hip	.219	90.3	8.71	39.75	96.4

### Segmentation Parameters

High Threshold: 140.0 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: 37.1 degrees  
Femoral Neck Width: 31.6 mm  
Hip Axis Length: 119.9 mm  
FN ROI Height: 15.0 mm

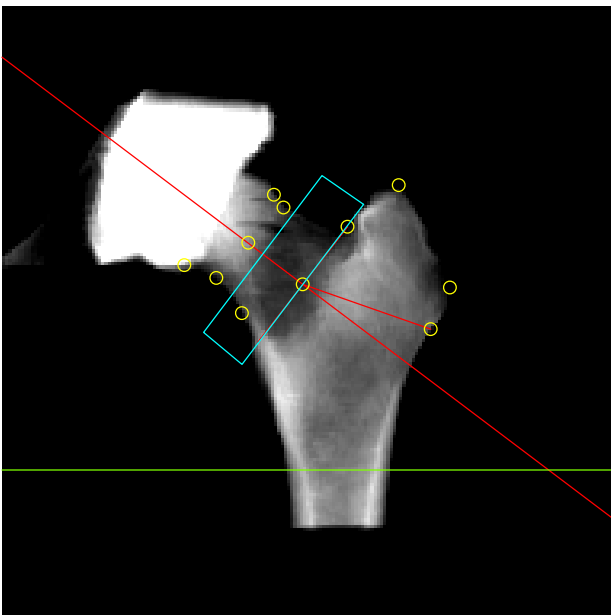


Image not intended for diagnostic purposes.