

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

## Technical Report

### Patient Information

Name: JPD016, JPD016  
ID: JPD016  
Date: 16/01/2014  
Sex: Male  
DOB: 26/12/1939  
Age: 74

### CT Scan Parameters

kVp: 120  
mA: 107  
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)	.649	261.6	3.49	5.37	13.3
Femoral Neck	.638	260.9	3.55	5.56	13.6
Trochanter	.582	185.5	6.01	10.32	32.4
Intertrochanter	1.088	390.9	28.96	26.63	74.1
Total Hip	.906	320.8	38.52	42.53	120.1
<b>Cortical Compartment</b>					
Femoral Neck	.446	1218.0	2.48	5.56	2.0
Trochanter	.291	1150.4	3.01	10.32	2.6
Intertrochanter	.913	1288.3	24.33	26.63	18.9
Total Hip	.701	1267.1	29.81	42.53	23.5
<b>Trabecular Compartment</b>					
Femoral Neck	.192	92.1	1.07	5.56	11.6
Trochanter	.291	100.8	3.00	10.32	29.8
Intertrochanter	.174	83.8	4.63	26.63	55.2
Total Hip	.204	90.0	8.69	42.53	96.6

### Segmentation Parameters

High Threshold: 120.0 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: 34.9 degrees  
Femoral Neck Width: 31.6 mm  
Hip Axis Length: 119.2 mm  
FN ROI Height: 15.0 mm

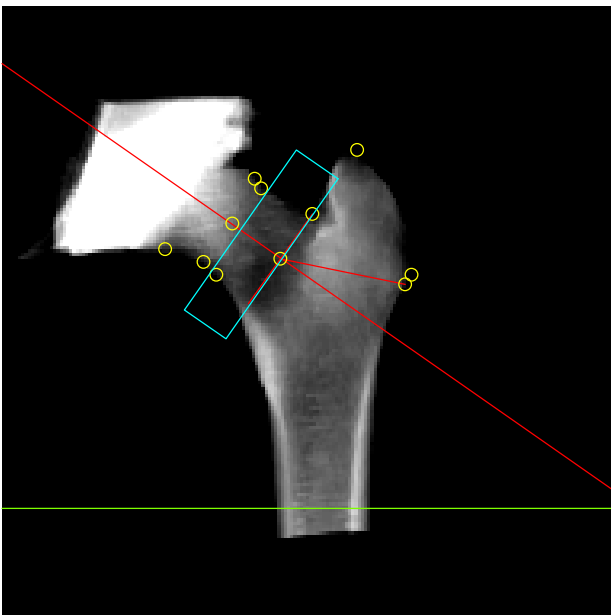


Image not intended for diagnostic purposes.