QCT Cross-Sectional Image Report

Patient Information

Name: C5017, C5017

ID: C5017
Date: 24/10/2013
Sex: Male
DOB: 05/03/1950
Age: 63

Scan Parameters

kVp: 120
mA: 160
Scan Time (sec): 1.0
SFOV (mm): 500.0
Slice Thickness (mm): 1.5
Pixel Size (mm): 0.488
Recon Filter: B60s
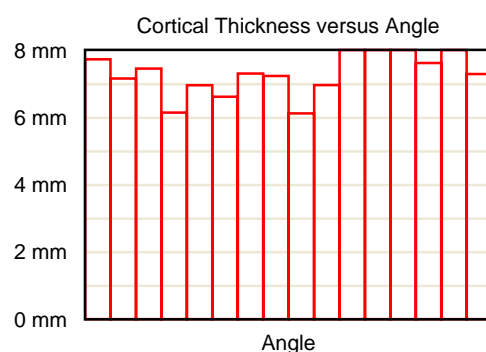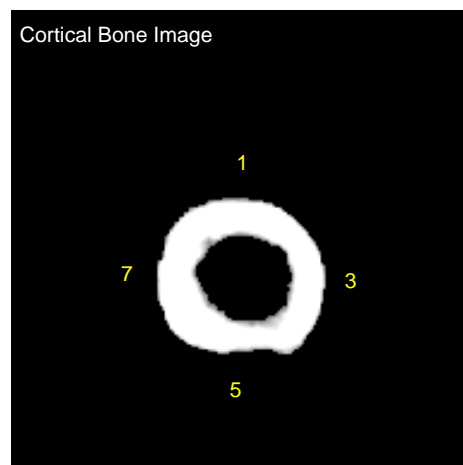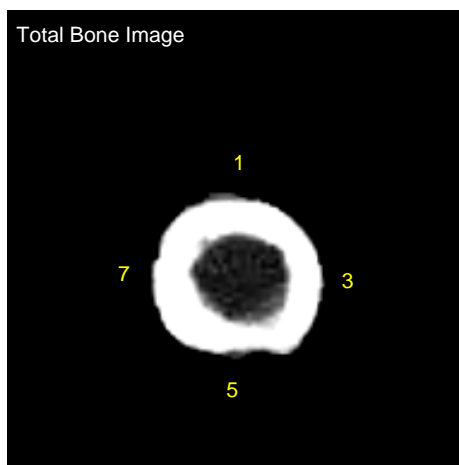
Analysis Parameters

Cortical Threshold (mg/cm^3):   300
Cortical Ref Density (mg/cm^3):   1600.0
Magnification: 2.0
Principle Axis Method: Total Bone
Anatomy: PF_FS
Side: Left

Total Bone Image

Cortical Bone Image

Cortical Thickness versus Angle

Sector	Perimeter (cm)	BMD (mg/cm^3)	Area (cm^2)	Cortical Width (mm)	Norm Width (mm)	Avg Cort Arc Length (mm)	Cortical Perimeter (mm)	Distance To CM (mm)	Distance To Center (mm)	Tangent Angle (degrees)	Curvature (cm^{-1})	Radius of Curvature (cm)
1	1.46	1002.1	0.756	7.46	6.83	10.16	13.13	12.75	12.97	-172.1	0.824	1.21
2	1.40	1081.5	0.708	6.81	6.73	10.45	13.08	13.50	13.36	-33.8	0.627	1.59
3	1.53	1081.9	0.763	6.80	6.72	11.25	13.89	14.41	14.00	-76.5	0.701	1.43
4	1.60	903.2	0.849	7.28	6.01	11.66	14.53	14.79	14.35	-124.0	0.912	1.10
5	1.40	904.1	0.639	6.55	5.43	9.77	12.34	12.46	12.24	-174.4	0.559	1.79
6	1.48	1052.4	0.930	9.11	8.77	10.20	13.82	12.82	12.95	148.6	0.843	1.19
7	1.45	1078.8	0.813	7.98	7.87	10.21	13.38	12.85	13.26	100.9	0.763	1.31
8	1.52	981.1	0.861	7.96	7.13	10.86	14.18	12.99	13.43	54.4	0.733	1.36
Sum	11.83	8085.2	6.318	59.96	55.48	84.56	108.33	106.58	106.57	-276.9	5.963	10.98
Average	1.48	1010.6	0.790	7.50	6.94	10.57	13.54	13.32	13.32	-34.6	0.745	1.37
Std Dev	0.07	75.9	0.093	0.84	1.04	0.63	0.70	0.85	0.65	124.2	0.116	0.23