QCT Cross-Sectional Image Report

Patient Information

Name: KJ027, KJ027

ID: KJ027
Date: 25/11/2013
Sex: Male
DOB: 17/10/1943
Age: 70

Scan Parameters

kVp: 120
mA: 122
Scan Time (sec): 1.0
SFOV (mm): 500.0
Slice Thickness (mm): 1.5
Pixel Size (mm): 0.488
Recon Filter: B60s
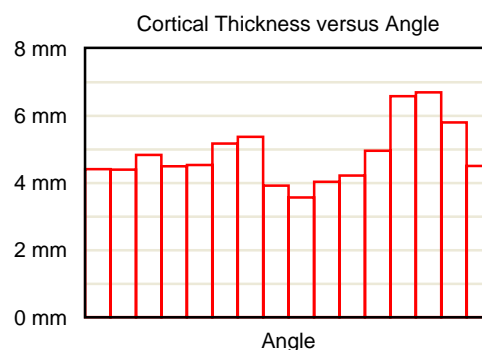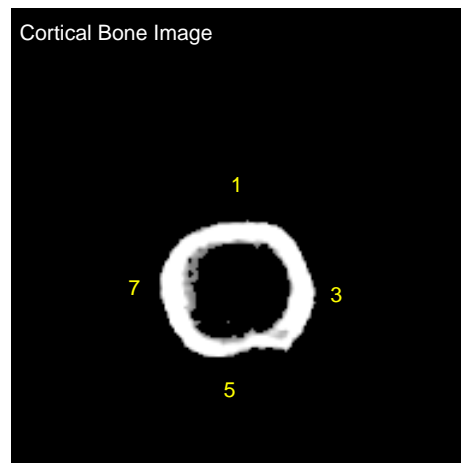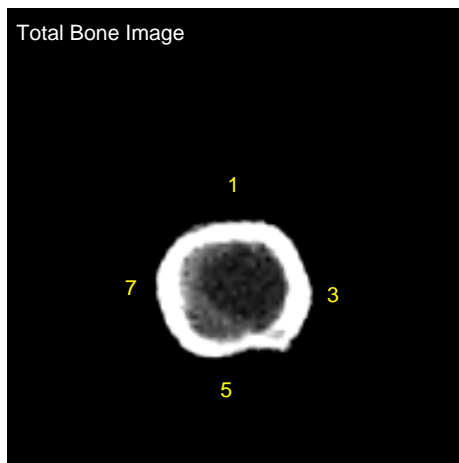
Analysis Parameters

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	1.24	948.9	0.427	4.41	3.98	9.69	11.53	11.55	11.76	-175.0	0.539	1.85
2	1.27	1008.0	0.458	4.67	4.47	9.82	11.59	12.88	12.88	-31.9	0.874	1.14
3	1.38	1048.8	0.522	4.86	4.84	10.72	12.66	13.48	13.26	-77.9	0.676	1.48
4	1.42	845.6	0.498	4.65	3.79	10.88	12.75	13.31	13.01	-125.0	1.067	0.94
5	1.16	756.9	0.350	3.80	2.75	9.23	10.70	11.92	11.71	-174.3	0.405	2.47
6	1.34	990.7	0.477	4.59	4.33	10.39	12.20	13.22	13.23	151.3	0.925	1.08
7	1.32	903.9	0.646	6.64	5.71	9.73	12.35	12.32	12.54	99.0	0.786	1.27
8	1.32	807.7	0.494	5.16	3.95	9.52	11.55	12.12	12.43	53.9	1.004	1.00
Sum	10.45	7310.4	3.872	38.78	33.81	79.97	95.33	100.81	100.81	-280.0	6.277	11.23
Average	1.31	913.8	0.484	4.85	4.23	10.00	11.92	12.60	12.60	-35.0	0.785	1.40
Std Dev	0.08	103.4	0.084	0.82	0.86	0.60	0.69	0.72	0.61	125.1	0.230	0.52