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
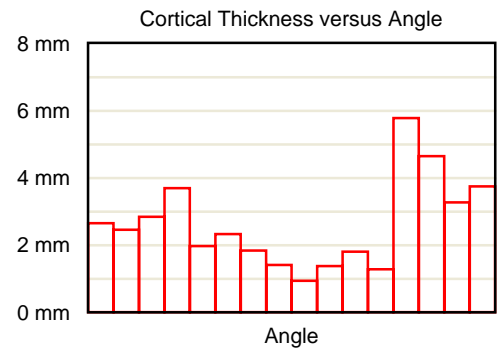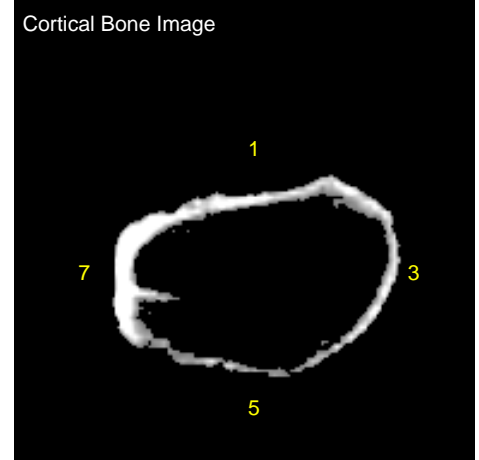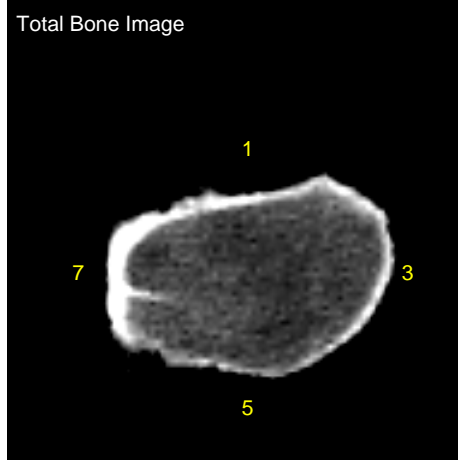
Analysis Parameters

Cortical Threshold (mg/cm^3):   300
Cortical Ref Density (mg/cm^3):   1600.0
Magnification: 2.0
Principle Axis Method: Total Bone
Anatomy: PF_IT
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	1.68	679.6	0.339	2.56	1.77	13.23	14.41	14.53	16.17	-177.2	0.147	6.82
2	2.76	556.0	0.808	3.27	1.85	24.85	26.38	26.47	24.40	172.5	0.504	1.98
3	2.64	584.3	0.520	2.15	1.28	24.23	25.06	31.53	27.04	-84.8	0.462	2.16
4	1.97	485.7	0.286	1.63	0.81	17.45	18.00	26.23	21.59	-139.3	0.365	2.74
5	1.77	412.2	0.184	1.16	0.49	16.03	16.46	21.48	19.05	-176.9	0.256	3.91
6	4.24	469.0	0.515	1.55	0.72	36.06	37.23	21.70	23.21	165.1	0.196	5.10
7	2.68	896.7	1.135	5.22	4.70	21.77	24.42	21.41	25.73	104.2	0.581	1.72
8	2.48	691.1	0.646	3.51	2.45	18.63	20.70	15.58	20.06	34.2	0.391	2.56
Sum	20.21	4774.7	4.432	21.06	14.07	172.26	182.66	178.94	177.27	-102.1	2.901	27.00
Average	2.53	596.8	0.554	2.63	1.76	21.53	22.83	22.37	22.16	-12.8	0.363	3.38
Std Dev	0.81	156.0	0.309	1.33	1.36	7.11	7.24	5.67	3.64	149.8	0.153	1.79