



Patient:
Date of Images:
Referring Dr.:
Date of Report:

Age: 57

Sex: M

The examination consists of an iCAT[®] cone-beam computed tomographic examination extending from the floor of the orbits to the occlusal plane. The image volume was reviewed, and reformatted cross-sectional images were generated through the maxillae using 2 mm slice thicknesses at 2 mm intervals.

Bone height and widths at 2 locations were measured in each orthoradial reconstruction; width at half-height and width at one-quarter height.

Quadrant 1

Tooth*	Image	Height	Width ½ ht.	Width ¼ ht.	Tooth	Image	Height	Width ½ ht.	Width ¼ ht.
	6	5.00 mm	9.21 mm	7.80 mm		20	18.40 mm	10.33 mm	7.38 mm
	8	5.80	7.80	6.80		22	19.17	9.32	6.39
1.5	10	6.40	8.00	6.20		24	10.02	9.54	8.44
	12	8.21	8.41	6.41	1.3	26	10.88	7.16	6.60
	14	11.09	8.06	6.63		28	15.81	5.97	6.25
	16	11.45	7.42	6.36	1.2	30	18.42	5.40	4.12
1.4	18	11.74	8.09	6.45		32	18.16	4.25	2.69

*Approximate tooth positions only.

Quadrant 2

Tooth*	Image	Height	Width ½ ht.	Width ¼ ht.	Tooth	Image	Height	Width ½ ht.	Width ¼ ht.
	4	17.54 mm	4.40 mm	2.88 mm		18	17.78 mm	8.66 mm	7.21 mm
	6	16.01	4.53	3.54		20	18.20	8.91	5.69
2.2	8	14.86	4.12	3.28	2.4	22	18.40	6.40	5.80
	10	14.47	4.97	4.95		24	17.01	8.00	6.20
	12	16.94	6.44	3.12		26	16.22	9.21	6.80
2.3	14	16.64	6.44	7.33		28	13.24	9.41	7.22
	16	18.09	7.91	6.20	2.5	30	10.80	9.60	7.40
						32	7.60	9.40	8.60

*Approximate tooth positions only.

The depicted borders of the paranasal sinuses are intact. There is mucosal thickening in the maxillary sinuses. These appearances are consistent with sinusitis.

The generalized bone pattern and jaw morphology are within the range of normal. The bone cortices of the maxilla are thin but there are numerous visible trabeculae.

- Interpretation:**
1. Bone measurements as provided.
 2. Maxillary sinusitis.

Ernest W.N. Lam, D.M.D., F.R.C.D.(C)
 Oral and Maxillofacial Radiologist