

SUPPLEMENTRY TABLES (appendix)**Table S1.** Error % calculation of width at the cervical 3RD of the tooth in group- A

S.No	BUCCOLINGUAL WIDTH (µm)			MESIODISTAL WIDTH (µm)		
	VISUAL	SOFTWARE	ERROR %	VISUAL	SOFTWARE	ERROR %
1.	6900	3960.1	0.574	4200	2500.4	0.5953
2.	7100	4275.8	0.602	4900	3011.7	0.6146
3.	7000	3690.5	0.527	5100	3039.2	0.5959
4.	7500	4358.6	0.581	5000	3114.1	0.6228
5.	7500	3968.1	0.529	5000	3171.1	0.6342
6.	6500	3826.1	0.589	4300	2591.5	0.6026
7.	7100	3369.2	0.475	4800	2861	0.596
8.	7100	3564.5	0.502	4900	2962	0.6045
9.	6900	3994.4	0.579	4200	3002.7	0.7149
10.	7000	3831.2	0.547	5000	3100.2	0.62

Table S2. Error % calculation of width at the cervical 3RD of the tooth in group- B

S.NO	BUCCOLINGUAL WIDTH (µm)			MESIODISTAL WIDTH (µm)		
	VISUAL	SOFTWARE	ERROR %	VISUAL	SOFTWARE	ERROR %
1.	7200	3981.5	0.553	4500	2988	0.664
2.	7800	4659	0.597	5000	3695.7	0.7391
3.	6800	3888.6	0.572	5200	3172.4	0.6101
4.	7000	4179.1	0.597	5000	3074.4	0.6148
5.	6800	4125	0.607	5100	2877.5	0.5642
6.	7000	4284	0.612	5100	3227.7	0.6328
7.	7100	4581.8	0.645	5000	3172.4	0.6344
8.	7100	4151.6	0.585	5200	3270	0.6288
9.	7000	4268.7	0.61	5000	2984.2	0.5968
10.	7200	4090.4	0.568	5100	3185.1	0.6245

Table S3. Error % calculation of width at the cervical 3RD of the tooth in group- C

S.NO	BUCCOLINGUAL WIDTH (µm)			MESIODISTAL WIDTH (µm)		
	VISUAL	SOFTWARE	ERROR %	VISUAL	SOFTWARE	ERROR %
1.	6400	3401.3	0.531	5000	2785.8	0.5571
2.	7000	3881	0.554	5000	2866.5	0.5733
3.	6600	4082.1	0.619	4400	2991.2	0.6798
4.	7300	4156.6	0.569	4800	2850	0.5937
5.	8000	4435.9	0.554	5100	3419.3	0.6704
6.	6500	4244.7	0.653	5000	3068.2	0.6136
7.	6400	3869.3	0.605	4700	3051.4	0.6492
8.	7000	4045.5	0.578	4500	3046.5	0.677
9.	7200	3975.4	0.552	5400	3021.4	0.5595
10.	7100	3874.2	0.546	5400	3011.3	0.5576

Table S4. Error % calculation of width at the cervical 3RD of the tooth in group- D

S.NO	BUCCOLINGUAL WIDTH (µm)			MESIODISTAL WIDTH (µm)		
	VISUAL	SOFTWARE	ERROR %	VISUAL	SOFTWARE	ERROR %
1.	7500	4537.1	0.605	4500	3149.54	0.6998
2.	7200	4197.5	0.583	4800	2841.7	0.592
3.	6800	4138.2	0.609	5100	2953.1	0.579
4.	7300	4469.9	0.612	5000	3306.8	0.6613
5.	7400	4198.1	0.567	5100	3078.3	0.6035
6.	7000	4013.4	0.573	4500	2971.8	0.6604
7.	7700	4453.1	0.578	5000	3435.5	0.6871
8.	6400	3503.7	0.547	4600	2605.1	0.5663
9.	6600	3831.8	0.581	5400	2966	0.5492
10.	7300	4278.9	0.586	5000	3201.7	0.6403

Table S5. Area of the largest diameter of voids under motic software in group – A (μm^2)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	4682.8	0	0	0	μm^2
2.	13798.6	27472	20104.6	0	0	0	μm^2
3.	18231.7	10864	0	0	0	0	μm^2
4.	11987.8	20542	21103.6	0	0	0	μm^2
5.	37587.2	23789	0	35963.8	0	0	μm^2
6.	0	4600.2	0	0	0	0	μm^2
7.	20441	0	0	0	0	0	μm^2
8.	36421	10826	0	34461.1	0	0	μm^2
9.	2036.2	0	10812.2	0	0	0	μm^2
10.	36412	21123	0	0	35902	0	μm^2

Table S6. Area of the largest diameter of voids under motic software in group – B (μm^2)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	71305	0	0	83416.6	0	μm^2
2.	33466.6	48014	0	36775.4	0	0	μm^2
3.	0	26848	0	0	0	0	μm^2
4.	10552	23164	16296.7	5619.3	0	0	μm^2
5.	0	44019	28159.2	0	0	16983	μm^2
6.	54757.7	0	46203.2	0	0	4678.6	μm^2
7.	112637.2	42208	0	0	0	0	μm^2
8.	0	38524	0	0	0	0	μm^2
9.	53321.7	12675	0	2934.6	0	0	μm^2
10.	0	37213	0	0	0	0	μm^2

Table S7. Area of the largest diameter of voids under motic software in group – C (μm^2)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	40271.9	0	0	63874	μm^2
2.	411152.6	0	0	0	0	0	μm^2
3.	0	0	61064.6	0	0	0	μm^2
4.	0	16609	0	0	148603	0	μm^2
5.	0	16109	0	0	10739.3	0	μm^2
6.	0	30282	0	0	0	0	μm^2
7.	0	0	0	0	0	0	μm^2
8.	0	31281	0	0	0	0	μm^2
9.	0	0	0	0	0	0	μm^2
10.	0	0	40014	0	0	0	μm^2

Table S8. Area of the largest diameter of voids under motic software in group – D (μm^2)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	0	0	0	0	μm^2
2.	27659.9	0	8491.5	0	0	0	μm^2
3.	0	23289	0	0	21228.8	0	μm^2
4.	0	77672	0	0	0	26411	μm^2
5.	65496.7	0	82044.1	0	0	0	μm^2
6.	0	24538	52447.6	0	0	0	μm^2
7.	0	232515	0	0	61563.5	15297	μm^2
8.	0	36339	0	0	32842.2	0	μm^2
9.	0	0	0	0	0	0	μm^2
10.	0	0	0	0	0	0	μm^2

Table S9. Area of the largest diameter of void under motic software after nullifying error fraction in group - A (mm²)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	.002	0	0	0	mm2
2.	.008	.016	.012	0	0	0	mm2
3.	.01	.006	0	0	0	0	mm2
4.	.007	.012	.031	0	0	0	mm2
5.	.023	.015	0	.019	0	0	mm2
6.	0	.002	0	0	0	0	mm2
7.	.012	0	0	0	0	0	mm2
8.	.022	.006	0	.017	0	0	mm2
9.	.001	0	.007	0	0	0	mm2
10.	.022	.013	0	0	.019	0	mm2

Table S10. Area of the largest diameter of void under motic software after nullifying error fraction in group - B (mm²)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	.047	0	0	.046	0	mm2
2.	.024	.035	0	.021	0	0	mm2
3.	0	.016	0	0	0	0	mm2
4.	.006	.014	.01	.003	0	0	mm2
5.	0	.024	.015	0	0	.010	mm2
6.	.034	0	.029	0	0	.031	mm2
7.	.071	.026	0	0	0	0	mm2
8.	0	.024	0	0	0	0	mm2
9.	.031	.007	0	.001	0	0	mm2
10.	0	.023	0	0	0	0	mm2

Table S11. Area of the largest diameter of void under motic software after nullifying error fraction in group - C (mm²)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	.0224	0	0	.033	mm2
2.	.235	0	0	0	0	0	mm2
3.	0	0	.041	0	0	0	mm2
4.	0	.009	0	0	.084	0	mm2
5.	0	.0108	0	0	.005	0	mm2
6.	0	.018	0	0	0	0	mm2
7.	0	0	0	0	0	0	mm2
8.	0	.021	0	0	0	0	mm2
9.	0	0	0	0	0	0	mm2
10.	0	0	.022	0	0	0	mm2

Table S12. Area of the largest diameter of void under motic software after nullifying error fraction in group - D (mm²)

S.NO	MESIAL SHIFT OF TEETH BY 90°			PARALLELING TECHNIQUE			UNIT
	CERVICAL	MIDDLE	APICAL	CERVICAL	MIDDLE	APICAL	
1.	0	0	0	0	0	0	mm2
2.	.016	0	.005	0	0	0	mm2
3.	0	.013	0	0	.012	0	mm2
4.	0	.051	0	0	0	.016	mm2
5.	.039	0	.049	0	0	0	mm2
6.	0	.016	.034	0	0	0	mm2
7.	0	.159	0	0	.035	.008	mm2
8.	0	.02	0	0	.017	0	mm2
9.	0	0	0	0	0	0	mm2
10.	0	0	0	0	0	0	mm2