

Participant flow

Consented:	67
Screen Failure/Disqualified:	1
Randomized to treatment:	52
Withdrawal/Dropped:	16
Completed:	51

Baseline characteristics

Demographics Summary Evaluable Subjects (n=51)	
Demographic/ Statistic or Category	
Age (Years)	
Mean (SD)	34.6 (13.14)
Min.-Max.	14 - 63
Sex	
Female ^a	35 (68.6%)
Male ^a	16 (31.4%)
Race	
Asian Oriental	3 (5.9%)
Black	1 (2.0%)
Caucasian	43 (84.3%)
Asian Occidental	1 (2.0%)
Other	3 (5.9%)
^a The number (percent) of subjects in each category.	

Outcome measures

Correlation Summary							
Evaluable Subjects (n=51)							
	Plaque Index	<i>Plaque Index as the Avg. of the 16 Zone Means</i>	EDI	Caries	Remineralized Caries	Tartar	Fluorosis
Oral Scanner Plaque Index							
Correlation Coefficient	0.66	0.66	0.40	0.34	0.25	0.61	-0.26
p-value	<0.001	<0.001	0.004	0.015	0.084	<0.001	0.063
Square Root Transformed Oral Scanner Plaque Index							
Correlation Coefficient	0.71	0.71	0.42	0.36	0.23	0.59	-0.30
p-value	<0.001	<0.001	0.002	0.009	0.101	<0.001	0.032

Correlation Summary between Percent Signal Rate and Plaque Index by Zone								
Evaluable Subjects (n=51)								
Zones	1	2	3	4	5	6	7	8
Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.49	0.40	0.38	0.43	0.22	0.33	0.64	0.11
p-value	<0.001	0.003	0.006	0.002	0.123	0.017	<0.001	0.433
Square Root Transformed Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.57	0.54	0.48	0.40	0.33	0.37	0.63	0.14
p-value	<0.001	<0.001	<0.001	0.003	0.020	0.008	<0.001	0.336
Oral Scanner Plaque Index								
Spearman Correlation Coefficient	0.52	0.54	0.41	0.28	0.38	0.28	0.50	0.18
p-value	<0.001	<0.001	0.003	0.043	0.006	0.044	<0.001	0.205
Zones	9	10	11	12	13	14	15	16
Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.28	0.56	0.23	0.43	0.17	0.58	0.44	0.37
p-value	0.047	<0.001	0.099	0.002	0.233	<0.001	0.001	0.008
Square Root Transformed Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.34	0.61	0.26	0.43	0.24	0.59	0.49	0.36
p-value	0.015	<0.001	0.064	0.002	0.092	<0.001	<0.001	0.010
Oral Scanner Plaque Index								
Spearman Correlation Coefficient	0.41	0.56	0.34	0.37	0.34	0.52	0.52	0.32
p-value	0.003	<0.001	0.013	0.007	0.016	<0.001	<0.001	0.023

Correlation Summary between Percent Signal Rate and Proportion of Sites with Tartar by Zone								
Evaluable Subjects (n=51)								
Zones	1	2	3	4	5	6	7	8
Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.21	0.78	0.45	No Tartar	No Tartar	-0.01	0.37	-0.04
p-value	0.130	<0.001	0.001	N/A	N/A	0.933	0.007	0.795
Square Root Transformed Oral Scanner Plaque Index								
Pearson Correlation Coefficient	0.25	0.59	0.44	No Tartar	No Tartar	0.04	0.39	0.01
p-value	0.071	<0.001	0.001	N/A	No Tartar	0.803	0.005	0.967
Oral Scanner Plaque Index								
Spearman Correlation Coefficient	0.24	0.32	0.31	No Tartar	No Tartar	0.07	0.38	0.005
p-value	0.086	0.024	0.027	N/A	N/A	0.615	0.005	0.975
Zones	9	10	11	12	13	14	15	16
Oral Scanner Plaque Index								
Correlation Coefficient	0.25	0.49	0.42	No Tartar	No Tartar	0.30	0.40	0.25
p-value	0.070	<0.001	0.002	N/A	N/A	0.035	0.004	0.073
Square Root Transformed Oral Scanner Plaque Index								
Correlation Coefficient	0.26	0.50	0.38	No Tartar	No Tartar	0.31	0.45	0.26
p-value	0.066	<0.001	0.006	N/A	N/A	0.030	0.001	0.063
Oral Scanner Plaque Index								
Correlation Coefficient	0.16	0.42	0.27	No Tartar	No Tartar	0.28	0.42	0.28
p-value	0.256	0.002	0.050	N/A	N/A	0.046	0.002	0.043

Adverse events

There were no AEs/ADEs neither observed nor reported in this study.