

Supplementary 2: Microbiological data

log ₁₀ CFU/mL	Control Group					Test Group					T1-T0	T0	T1
	Baseline (T0)	sd	36 Months (T1)	sd	Δ Intragrou p, p	Baseline (T0)	sd	36 Months (T1)	sd	Δ Intragrou p, p	Δ Intergrou p, p	Δ Intergrou p, p	Δ Intergrou p, p
All	7.16	0.86	7.88	0.8	<0.001	7.1	0.62	7.45	0.64	0.0645	0.1203	0.8472	0.1094
Aerobic	7.14	0.87	7.8	0.8	<0.001	7.07	0.61	7.41	0.61	0.0746	0.1679	0.8103	0.1167
Anaerobic	5.19	1.41	6.42	1.57	0.0064	5.22	1.46	5.77	1.51	0.1911	0.2298	0.9589	0.2360
<i>S. mitis</i>	7.5	0.82	7.5	0.82	0.0037	6.81	0.79	7.03	0.6	0.3194	0.1670	0.7503	0.0734
<i>S. salivarius</i>	6.29	1.86	6.29	1.86	0.1016	4.65	1.62	5.43	1.89	0.0882	0.5873	0.5159	0.2005
<i>S. anginosus</i>	2	0	2	0	0.1913	4.57	1.84	4.54	2.14	0.9574	0.4847	0.0034	0.0000
<i>Streptococcus</i> spp	7.64	0.78	7.64	0.78	0.0029	6.83	0.8	7.13	0.59	0.1486	0.2133	0.5523	0.0439
<i>Gemella/Granulicatella</i> spp	4.54	2.13	4.54	2.13	0.9708	2.15	0.62	2	0	0.3332	0.8710	0.0000	0.0000
<i>Lactobacillus</i> spp	2.25	1	2.25	1	0.1679	2.14	0.58	2.28	1.12	0.6797	0.3925	0.3845	0.9373
<i>Actinomyces</i> spp	5.91	1.8	5.91	1.8	0.0034	4.54	1.87	5.68	1.4	0.0532	0.2955	0.3629	0.6928
<i>Rothia</i> spp	6.12	0.96	6.79	0.89	0.0010	5.98	0.8	6.46	0.64	0.0062	0.3958	0.6444	0.2296
<i>Neisseria</i> spp	3.05	1.57	4.93	1.5	<0.001	2.92	1.2	5.14	1.32	<0.001	0.5337	0.7959	0.6796
<i>Capnocytophaga</i> spp	2.25	1	2.81	1.76	0.3102	2.38	1.09	2.94	1.7	0.2622	0.9969	0.7374	0.8356
HACEK	2.37	0.87	3.15	1.64	0.0721	2.18	0.44	2.73	1.15	0.0753	0.6337	0.4532	0.4043
Black pigmented spp	2.48	1.2	5.07	2.33	<0.001	2.81	1.74	3.67	2.1	0.0522	0.0155	0.5365	0.0846
<i>Fusobacterium</i> spp	2.08	0.33	2.66	1.28	0.0779	2	0*	2.64	1.09	0.0327	0.8913	0.3253	0.9531
<i>Campylobacter</i> spp	2	0*	2.36	1.06	0.1989	2	0*	2.13	0.5	0.3332	0.4363	-	0.4363
<i>Veillonella</i> spp	3.42	1.76	5.56	1.85	<0.001	4.13	1.76	5.06	1.69	0.0515	0.0699	0.2652	0.4300
<i>Eubacterium</i> spp	5.04	1.4	5.29	1.83	0.5839	4.49	1.69	4.18	1.87	0.6472	0.4882	0.3176	0.1004
<i>Parvimonas</i> spp	2	0	2.56	1.54	0.1643	2.54	1.5	2.82	1.77	0.5609	0.6417	0.1587	0.6620
Gram-positive aerobic cocci	7.04	0.87	7.66	0.76	0.0030	6.95	0.63	7.21	0.58	0.1657	0.1669	0.7307	0.0683
Gram-negative aerobic cocci	3.24	1.76	5.56	1.85	<0.001	4.13	1.76	5.06	1.69	0.0515	0.0699	0.2652	0.4300
Gram-positive aerobic rods	6.21	1	7.05	0.86	<0.001	6.2	0.71	6.67	0.77	0.0160	0.1249	0.9752	0.1976
Gram-negative aerobic rods	2.64	1.25	3.64	1.99	0.1204	2.56	1.11	3.32	1.68	0.1441	0.7631	0.8557	0.6316
Gram-positive anaerobic cocci	2	0*	2.27	1.08	0.3332	2.54	1.5	2.82	1.77	0.5609	0.9866	0.1587	0.2948
Gram-negative anaerobic cocci	3.42	1.76	5.56	1.85	<0.001	4.13	1.76	5.06	1.69	0.0515	0.0699	0.2652	0.4300
Gram-positive anaerobic rods	5.04	1.4	5.29	1.83	0.5839	4.49	1.69	4.18	1.87	0.6472	0.4882	0.3176	0.1004

Gram-negative anaerobic rods	2.56	1.21	5.29	2.19	<0.001	2.81	1.74	4.14	1.93	0.0052	0.0334	0.6414	0.1254
All Gram-positive	7.15	0.86	7.81	0.76	<0.001	7.09	0.61	7.4	0.62	0.0977	0.1558	0.8169	0.1125
All Gram-negative	3.76	1.81	6.26	1.68	<0.001	4.38	1.71	5.79	1.47	0.0011	0.0421	0.3249	0.4089

Data are given as means; sd= standard deviation; *value below detection limit; HACEK= *Haemophilus* spp, *Aggregatibacter actinomycetemcomitans*, *Aggregatibacter aphrophilus*, *Cardiobacterium hominis*, *Eikenella corrodens*, *Kingella* spp;