

StudyID	Location	Procedure	Sample Time (minutes) - VIVAS	Sample Time (minutes) - SKC	Anatomical Location	Isovac	High Speed Suction	Saliva Injector	AirFlow from HVAC	Cone Suction Tip	Rubber Dam	HEPA Filter	Dental Space
1	1	Implant using cavitron	45	17	0	0	1	1	1	0	0	1	0
2	1	Hygenist cleaning using cavitron	30	25	2	0	1	1	0	0	0	1	1
3	1	Gingival flap with cavitron	74	30	1	0	1	1	0	0	0	1	1
4	1	Root canal - amalgam removal	43	30	1	0	1	0	0	1	1	0	1
5	1	Root canal - drilling through composite	40	30	1	0	1	0	0	1	1	1	1
6	1	Root canal, amalgam removal and temporary crown placement	82	22	1	0	1	0	0	1	1	0	0
7	1	De-bonding of brackets/braces	31	30	2	0	0	1	0	0	0	0	2
8	1	De-bonding of brackets/braces	59	30	2	0	1	1	0	0	0	0	2
9	1	De-bonding of brackets/braces	30	21	2	0	0	1	0	1	0	0	2
10	2	Amalgam removal and amalgam replacement	30	14	1	0	1	0	1	0	0	1	3
11	2	Post and Core through composite and Cerec crown placement	30	26	1	0	1	0	1	0	0	1	3
12	2	Amalgam removal and composite filling	30	16	1	0	1	0	0	0	0	1	3

StudyID	Location	Procedure	Bacterial Culture Detected by VIVAS	Bacterial Cultured by VIVAS	Bacterial Culture Detected by SKC	Bacterial Cultured by SKC	Respiratory Virus Detected by VIVAS or SKC	Inorganic Results
1	1	Implant using cavitron	0		0		0	See manuscript
2	1	Hygenist cleaning using cavitron	0		0		0	See manuscript
3	1	Gingival flap with cavitron	0		1	1 <i>Micrococcus luteus</i> , 2 <i>Staphylococcus hominis</i>	0	See manuscript
4	1	Root canal - amalgam removal	0		0		0	See manuscript
5	1	Root canal - drilling through composite	0		0		0	See manuscript
6	1	Root canal, amalgam removal and temporary crown placement	0		1	1 <i>Cutibacterium acnes</i>	0	See manuscript
7	1	De-bonding of brackets/braces	1	17 <i>Cutibacterium acnes</i>	0		0	See manuscript
8	1	De-bonding of brackets/braces	0		0		0	See manuscript
9	1	De-bonding of brackets/braces	1	1 <i>Streptococcus gordonii</i> , 1 <i>Actinomyces oris/viscosus</i>	0		0	See manuscript
10	2	Amalgam removal and amalgam replacement	1	1 <i>Prevotella oris</i>	0		0	See manuscript
11	2	Post and Core through composite and Cerec crown placement	0		1	1 <i>Stenotrophomonas maltophilia</i>	0	See manuscript
12	2	Amalgam removal and composite filling	1	1 <i>Sphingomonas parapaucimobilis</i>	1	1 mold	0	See manuscript