

CLINICAL PARAMETERS

PLAQUE INDEX

Control group: Treated with Open Flap Debridement alone

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	31	0.52	0.51	0.49
2	40	0.26	0.24	0.23
3	14	0.54	0.54	0.52
4	41	0.66	0.65	0.62
5	6	0.32	0.3	0.28
6	37	0.21	0.18	0.16
7	29	0.42	0.41	0.37
8	34	0.51	0.49	0.46
9	44	0.24	0.23	0.21
10	3	0.21	0.21	0.18
11	20	0.59	0.58	0.56
12	22	0.85	0.82	0.74
13	13	0.68	0.67	0.64
14	25	0.62	0.62	0.58
15	10	0.57	0.56	0.54

Test group I: Treated with Open Flap Debridement (OFD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	38	0.65	0.64	0.63
2	24	0.84	0.83	0.8
3	4	0.26	0.24	0.2
4	19	0.8	0.79	0.78
5	35	0.3	0.27	0.25
6	1	0.45	0.43	0.42
7	28	0.45	0.45	0.43
8	15	0.72	0.71	0.68
9	21	0.56	0.56	0.54
10	9	0.75	0.74	0.72
11	11	0.69	0.68	0.67
12	30	0.38	0.38	0.36
13	27	0.35	0.34	0.32
14	17	0.52	0.51	0.49
15	43	0.56	0.54	0.52

Test group II: Treated with Open Flap Debridement (OFD) + EDTA + Enamel matrix derivative (EMD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	23	0.68	0.67	0.64
2	33	0.54	0.54	0.52
3	42	0.51	0.49	0.47
4	2	0.24	0.23	0.21
5	39	0.34	0.34	0.32
6	16	0.45	0.43	0.4
7	5	0.67	0.65	0.63
8	45	0.42	0.41	0.39
9	8	0.4	0.38	0.36
10	32	0.29	0.29	0.27
11	12	0.59	0.57	0.56
12	36	0.45	0.45	0.43
13	26	0.52	0.51	0.48
14	18	0.54	0.53	0.51
15	7	0.6	0.59	0.57

GINGIVAL INDEX

Control group: Treated with Open Flap Debridement alone

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	31	0.65	0.63	0.62
2	40	0.49	0.53	0.52
3	14	0.61	0.63	0.63
4	41	0.76	0.82	0.8
5	6	0.47	0.49	0.49
6	37	0.86	0.91	0.89
7	29	0.43	0.45	0.45
8	34	0.39	0.45	0.42
9	44	0.49	0.52	0.52
10	3	0.78	0.82	0.82
11	20	0.63	0.67	0.65
12	22	0.57	0.59	0.58
13	13	0.85	0.91	0.89
14	25	0.72	0.73	0.73
15	10	0.64	0.67	0.67

Test group I: Treated with Open Flap Debridement (OFD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	38	0.43	0.39	0.37
2	24	0.56	0.45	0.42
3	4	0.68	0.63	0.6
4	19	0.47	0.38	0.37
5	35	0.74	0.67	0.62
6	1	0.46	0.4	0.38
7	28	0.7	0.62	0.62
8	15	0.67	0.59	0.56
9	21	0.49	0.43	0.43
10	9	0.86	0.75	0.73
11	11	0.72	0.67	0.66
12	30	0.69	0.6	0.6
13	27	0.54	0.49	0.47
14	17	0.73	0.67	0.64
15	43	0.53	0.53	0.48

Test group II: Treated with Open Flap Debridement (OFD) + EDTA + Enamel matrix derivative (EMD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	23	0.53	0.41	0.41
2	33	0.8	0.69	0.69
3	42	0.78	0.57	0.56
4	2	0.37	0.32	0.29
5	39	0.25	0.21	0.21
6	16	0.51	0.45	0.43
7	5	0.83	0.76	0.73
8	45	0.47	0.38	0.38
9	8	0.54	0.51	0.47
10	32	0.42	0.34	0.34
11	12	0.72	0.66	0.63
12	36	0.76	0.62	0.62
13	26	0.52	0.43	0.41
14	18	0.63	0.56	0.54
15	7	0.68	0.62	0.58

PROBING POCKET DEPTH

Control group: Treated with Open Flap Debridement alone

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	31	8	6	6
2	40	7	4	5
3	14	8	5	4
4	41	9	7	6
5	6	7	5	5
6	37	7	5	6
7	29	9	7	7
8	34	8	7	6
9	44	8	6	6
10	3	7	6	5
11	20	8	6	6
12	22	9	7	8
13	13	7	6	6
14	25	9	6	5
15	10	8	5	5

Test group I: Treated with Open Flap Debridement (OFD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	38	7	5	5
2	24	8	6	6
3	4	7	5	4
4	19	8	5	5
5	35	9	6	7
6	1	8	6	6
7	28	8	7	6
8	15	10	8	7
9	21	9	7	6
10	9	7	5	5
11	11	7	4	5
12	30	8	6	6
13	27	9	7	7
14	17	7	5	5
15	43	8	5	6

Test group II: Treated with Open Flap Debridement (OFD) + EDTA + Enamel matrix derivative (EMD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	23	9	6	5
2	33	8	5	5
3	42	9	7	8
4	2	7	4	4
5	39	7	6	6
6	16	8	6	7
7	5	10	7	8
8	45	8	6	6
9	8	9	5	6
10	32	7	5	5
11	12	8	4	5
12	36	7	4	4
13	26	9	7	7
14	18	8	6	6
15	7	10	7	7

CLINICAL ATTACHMENT LEVEL

Control group: Treated with Open Flap Debridement alone

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	31	9	7	7
2	40	9	6	7
3	14	10	7	6
4	41	9	7	6
5	6	8	6	6
6	37	8	6	7
7	29	9	7	7
8	34	9	8	7
9	44	8	6	6
10	3	9	8	7
11	20	9	7	7
12	22	10	8	9
13	13	9	8	8
14	25	10	7	6
15	10	9	6	6

Test group I: Treated with Open Flap Debridement (OFD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	38	8	6	6
2	24	9	7	7
3	4	8	6	5
4	19	8	5	5
5	35	10	7	8
6	1	9	7	7
7	28	9	8	7
8	15	10	8	7
9	21	10	8	7
10	9	9	7	7
11	11	8	5	6
12	30	9	7	7
13	27	10	8	8
14	17	8	6	6
15	43	8	5	6

Test group II: Treated with Open Flap Debridement (OFD) + EDTA + Enamel matrix derivative (EMD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	3 MONTHS	6 MONTHS
1	23	9	6	5
2	33	9	6	6
3	42	10	8	7
4	2	9	6	6
5	39	9	8	8
6	16	9	7	8
7	5	10	7	8
8	45	8	6	6
9	8	9	5	6
10	32	8	6	6
11	12	9	5	6
12	36	9	6	6
13	26	9	7	7
14	18	9	7	7
15	7	10	7	7

DEFECT OF VERTICAL DEFECT AND PERCENTAGE BONE FILL

Control group: Treated with Open Flap Debridement alone

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	6 MONTHS	PERCENTAGE BONE FILL
1	31	3.82	3.24	25.89
2	40	3.65	3.04	20.06
3	14	4.12	3.83	7.57
4	41	3.26	2.92	11.64
5	6	3.91	3.54	14.56
6	37	3.14	2.96	6.08
7	29	3.54	3.13	13.09
8	34	3.93	3.61	12.26
9	44	3.65	3.45	8.16
10	3	3.36	2.97	13.13
11	20	3.44	3.21	10.4
12	22	3.96	3.65	8.49
13	13	3.72	3.14	15.35
14	25	3.81	3.32	14.75
15	10	3.65	3.47	5.18

Test group I: Treated with Open Flap Debridement (OFD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	6 MONTHS	PERCENTAGE BONE FILL
1	38	3.18	2.42	31.4
2	24	3.43	2.51	36.65
3	4	3.74	2.93	41.96
4	19	3.92	3.24	30.35
5	35	3.54	2.73	29.67
6	1	5.24	4.31	40.25
7	28	3.92	3.34	24.78
8	15	4.25	3.39	25.36
9	21	6.91	6.23	21.05
10	9	3.84	3.38	19.32
11	11	8.28	7.41	31.81
12	30	3.94	3.12	38.67
13	27	3.76	3.27	14.98
14	17	4.83	3.82	55.49
15	43	3.32	2.89	14.87

Test group II: Treated with Open Flap Debridement (OFD) + EDTA + Enamel matrix derivative (EMD) + Bioactive calcium phosphosilicate graft putty

PATIENT NUMBER	RANDOMIZATION SERIAL NO.	BASELINE	6 MONTHS	PERCENTAGE BONE FILL
1	23	3.24	2.18	48.62
2	33	4.91	3.73	68.1
3	42	3.44	2.16	59.25
4	2	3.72	2.53	47.03
5	39	6.12	5.17	43.77
6	16	4.83	3.98	42.92
7	5	5.84	4.24	71.42
8	45	3.78	2.89	47.08
9	8	4.22	2.98	62.62
10	32	3.82	2.77	59.32
11	12	7.52	6.51	54.74
12	36	4.41	3.68	43.45
13	26	3.82	2.63	73
14	18	4.13	2.71	83.04
15	7	3.76	2.53	48.61