

First Experiment OCT to DEC 2007

First week Lower Jaw TESTS (treated)		LOWER JAW				LOWER JAW				LOWER JAW				LOWER JAW				total points	
		C	P3	P4	M1	C	P3	P4	M1	C	P3	P4	M1	C	P3	P4	M1		
1	JayRack	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	5	
3	Torie	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	5	
5	Monica	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	
7	Poppy	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	1	5	
9	Louise	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	6	
11	Lick Ums	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	
13	Bid	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1	5	
15	Heiress	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	3	
17	Venus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	Willow	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	3	
21	Rich	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	3	
23	Stetson	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1	1	6	
25	Tina	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3	
27	Jennifer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
29	Ocean	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	
31	Jingle	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	4	
33	Case	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	4	
36	Siren	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	4	
37	Art	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1	5	
39	Mache Man	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	4	
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	AVE	72
mean		0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.3	0.2	0.8	0.1	0.5	0.3	0.9		
sd		0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.0	0.4	0.4	0.4	0.2	0.6	0.5	0.4		
mode		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	

First week Lower Jaw CONTROLS (not treated)		LOWER JAW				LOWER JAW				LOWER JAW				LOWER JAW				total points	
		C	P3	P4	M1	C	P3	P4	M1	C	P3	P4	M1	C	P3	P4	M1		
2	Whoopsie	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	8
4	Busted	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	6
6	Leslie	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	7
8	Matinee	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	8
10	Clear lake	0	0	0	0	0	1	0	1	1	1	1	2	1	2	1	2	13	
12	Good fella	0	0	0	0	0	1	0	1	1	1	1	2	1	1	1	2	12	
14	Timmy	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	2	14	
16	Benny	0	0	0	0	0	1	0	1	1	1	1	1	1	2	1	1	11	
18	Fran	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	11	
19	Koko QT	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	11	
22	Flurry	0	0	0	0	0	1	0	0	1	1	2	1	1	1	2	2	12	
24	Juice	0	0	0	0	0	1	0	1	1	1	1	1	1	1	2	2	12	
26	Alison	0	0	0	0	0	1	1	1	1	1	0	1	1	2	1	2	12	
28	Yukon	0	0	0	0	1	0	0	1	1	1	1	1	1	2	1	2	12	
30	Arnie	0	0	0	0	0	1	0	1	1	1	1	1	1	2	1	2	12	
32	Beamer	0	0	0	0	1	1	0	1	1	1	1	2	2	1	2	3	16	
34	Zap	0	0	0	0	1	0	1	1	1	1	1	2	2	2	1	3	16	
35	Cheezit	0	0	0	0	0	1	0	1	1	1	2	2	1	2	2	2	15	
38	Geronimo	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1	5	
40	Karma	0	0	0	0	0	1	0	1	1	2	1	2	3	3	1	2	17	
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	ALL	230
mean		0.0	0.0	0.0	0.0	0.2	0.6	0.2	0.7	0.9	1.0	1.0	1.4	1.2	1.5	1.2	1.9		
sd		0.0	0.0	0.0	0.0	0.4	0.5	0.4	0.5	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.6		
mode		0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.00	

Total Points (test and control)	302
Points for Test (treated) Grp	72
Points for Control (not) Grp	230
% improvement	76%

% plaque remaining	24%
	76%

Plaque points used:
 0 = no plaque
 1 = less than 1/3 plaque
 2 = 1/3 to 2/3 with plaque
 3 = more than 2/3 with plaque

n	320	320	ave % bias	-69%
mean	0.23	0.72		
sd	0.43	0.72		
mode	0.00	1.00		
effect size*	0.70			

*an Effect Size value of 0.5 represents a Moderate and 0.8 a Large statistical and clinical difference between the two groups.

Anti-Plaque Water

Test subjects: Greyhounds from HEMOPET

Study dates: Oct 2007 to December 2007

Data for First 4 Weeks

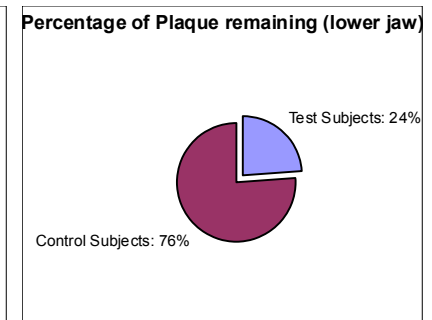
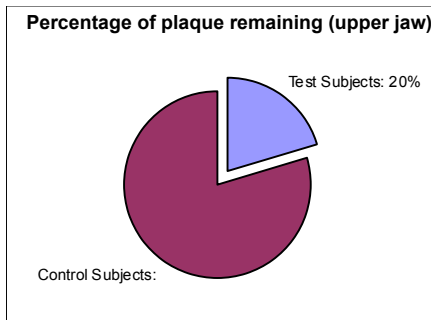
Total Test Subjects: 20
Total Test Controls: 20

Plaque points used:
0 = no plaque
1 = less than 1/3 plaque

2 = 1/3 to 2/3 with plaque
3 = more than 2/3 with plaque

Upper Jaw

	plaque points	% plaque remaining
Test Subjects:	75	20%
Control Subjects:	293	80%
Total points:	368	100%

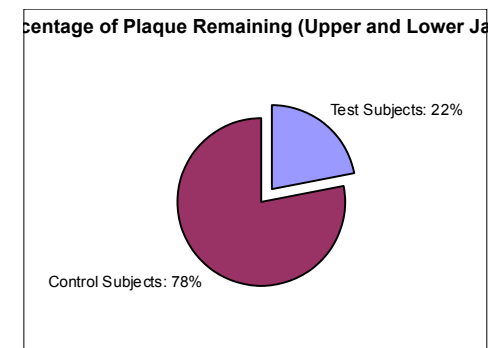


Lower Jaw

	plaque points	% plaque remaining
Test Subjects:	72	24%
Control Subjects:	230	76%
Total points:	302	100%

Combined Upper and Lower Jaws

	plaque points	% plaque remaining
Test Subjects:	147	22%
Control Subjects:	523	78%
Total points:	670	100%



Mean Mouth Plaque Score = 26.15 (C); 7.35 (T)

VOHC % Reduction = $26.15 - 7.35 \div 26.15 = 71.9\%$

% Effectivity: 71.90%

t-Test: Paired Two Sample for Means

	Upper Jaw		Lower Jaw	
	Test	Control	Test	Control
n	400	400	320	320
mean	0.1875	0.7325	0.2250	0.7188
sd	0.3908	0.6724	0.4257	0.7185
Std Error of Mean (SEM)	0.01954	0.33620	0.02380	0.04017
Lower 95% conf. limit	0.1492	0.6666	0.1784	0.6400
Upper 95% conf. Limit	0.2258	0.7984	0.2716	0.7975
min	0.000	0.000	0.000	0.000
max	1.0000	3.0000	2.000	3.000
median (50th percentile)	0.000	1.000	0.000	1.000
Normality Test KS	0.4968	0.2621	0.4796	0.2664
Normality p	<0.0001	<0.0001	<0.0001	<0.0001
two-tailed p	<0.0001		<0.0001	
t	18.589		13.628	
df	399		319	
95 % confidence interval				
Mean of paired differences =	-0.5450		-0.4938	
The 95% confidence interval of the difference	-0.6026 to -0.4874		-0.5650 to -0.4225	
r	0.49660		0.45350	
one-tailed p	<0.0001		<0.0001	
Kolmogorov and Smirnov distance KS	0.32000		0.33000	
KS p	<0.001		<0.001	