

Table 1. Sociodemographic conditions of the study population

Variable	Group 1 (pentitol) n=48	Group 2 (hexitol+CPP-ACP) n=48	Total n=96	p [§]
Age (actual years) (average and SD)	20.9 (19-22)	19.4 (18-20)	X = 20.15	<0.01 [‡]
Sex (N° and %)	M: 14 F: 34	M: 16 F: 32	M: 30 F: 66	>0.01 [‡]

[‡] Test of homogeneity of variance
[§] Pearson's Chi²

Table 2. Inter- and intra-group comparison of average microbiological counts through the study period

Parameter	Group 1 (Pentitol) (n=48)	Group 2 (Hexitol/CPP-ACP) (n=48)	p value [‡]
SM Counts (UFC/mL)			
Baseline (average) (SD)	3.0E+7 (6.0E+6 – 1.0E+8)	2.0E+7 (4.0E+6 – 5.0E+7)	,000
Final (average) (SD)	1.5E+1 (0.0E+0 – 3.3E+5)	1.0E+7 (2.3E+6 – 2.0E+8)	,000
p value [§]	,004	,005	
<i>Lactobacillus spp</i> count (UFC/mL)			
Baseline (average) (SD)	3.0E+1 (0.0E+0 – 2.5E+4)	1.1E+2 (0.0E+0 – 1.2E+5)	>0.05
Final (average) (SD)	3.0E+1 (0.0E+0 – 8.0E+2)	2.5E+1 (0.0E+0 – 1.4E+3)	>0.05
p value [§]	,735	,582	

[‡] Levene's test for equality of variances
[§] t-test for equality of means

Table 3. Comparison of the modified Morisky-Green-Levine test results among study groups

Test questions to evaluate adherence to treatment		Study group		p-value
		Group 1 (Pentitol) n = 48	Group 2 (Hexitol/ACP) n = 48	
There were difficulties in taking the chewing gums	Yes	29 (60.4%)	21 (43.7%)	0.117
	No	19 (39.6%)	27 (56.3%)	
You were able to meet the hours indicated for chewing	Yes	45(93.7%)	41(85.4%)	0.18
	No	3 (6.3%)	7(19.6%)	
You had to stop using the chewing gums because they made you sick	Yes	8 (6.7%)	8 (6.7%)	1.0
	No	40 (83.3%)	40 (83.3%)	
You used other chewing gums	Yes	19 (39.5%)	21(43.7%)	0.18
	No	29(60.5%)	27(56.3%)	

^a Values given in n (%) of subjects
 Pearson's Chi²

Table 4. Treatment adherence levels achieved by study participants

Study group	Compliance ^b			Total	p-value
	Compliant	Semi-compliant	Non-compliant		
Group 1 (Pentitol)	13 (27.1%)	25 (52.1%)	10 (20.8%)	48	>0.05
Group 2 (Hexitol/ACP)	19 (39.5%)	15 (31.2%)	14 (29.2%)	48	>0.05
Total	32 (33.3%)	40 (41.6%)	24 (25.0%)	96	
P-value	>0.05	>0.05	>0.05		

^b Values given in n (%) of subjects
 McNemar's Chi²