

The Effect of Mouthrinse with 0.05% Dexamethasone Solution on the Oral Bacterial Community of Oral Lichen Planus Patients: Prospective Pilot Study

Jeong-Kui Ku ¹, Shin-Young Park ², Kyung-Gyun Hwang ³ and Pil-Young Yun ^{4,*}

¹ Department of Oral and Maxillofacial Surgery, Gangnam Severance Hospital, Yonsei University College of Dentistry, 211 Eonju-ro, Gandnam-gu, Seoul 06273, Korea; KUJK@yuhs.ac

² Program of Dental Education, Department of Dental Science and Dental Research Institute, School of Dentistry, Seoul National University, Seoul 03080, Korea; nalby99@snu.ac.kr

³ Division of Oral and Maxillofacial Surgery, Department of Dentistry, College of Medicine, Hanyang University, Seoul 04763, Korea; hkg@hanyang.ac.kr

⁴ Department of Oral and Maxillofacial Surgery, Section of Dentistry, Seoul National University Bundang Hospital, 82 Gumi-ro, 173 beon-gil, Bundang-gu, Seongnam, 13620, Korea

* Correspondence: pilyoung@snuh.org; Tel.: +82-31-787-2780; Fax: +82-31-787-4068

Table S1. Quantitative changes in oral microbial species of oral lichen planus patients.

Patient Number	Relative Fluorescence Unit (RFU)								
	Pg (10 ⁵)	Tf (10 ⁵)	Td (10 ⁴)	Fn (10 ⁶)	Pi (10 ⁶)	Pn (10 ⁴)	Sm (10 ⁶)	Smu (10 ⁵)	Ss (10 ⁵)
#1	1.5	0.7			−1	−1.7	−1.3	−8.1	1.5
#2	0.2	−0.3			−1.1	6	−1.9		0.2
#3	1.2					5.1			1.2
#4	−0.3	2.4	3.5	−2.1		−0.5			−0.3
#5	0.3	−0.5		0	0.5	0.2			0.3
#6	−0.5			−2.2	1.9	2	−1.6		−0.5
#7	4.5	−0.4			0.1	0.1	2.9		4.5
#8	0.9	−0.6	4.1	−2.8	−1.4	−5.4			0.9
#9	−3	3.4				0.8	3.8		−3
#10	1	2.5		−2.4	0	−0.6			1
#11	−0.9	0.4			0.1	−2.6	−3.4		−0.9
#12	1.3	−2.6	−3.6	−9.4	−2.2	−5.5	−1.9	−2.6	1.3
#13	−0.7	−6.3			0.7	0.4			−0.7
#14		−3			−0.3	−0.9			
#15	−0.1	−3.6	−3.1		−2.5	−0.4			−0.1
#16	−0.1			−0.5	2.7	8.9			−0.1
#17				0		0.2	−3.3		
#18	0.5			2.4	−2.5	−7.8			0.5
#19	−6.8	−1.1			0.7	−1			−6.8
#20	−0.2	−3.7			4.5	−0.7	−4		−0.2
Total	−0.1 (2.1)	−0.6 (2.3)	0.1 (1.7)	−0.9 (2.3)	−0.9 (2.3)	0.0 (1.7)	−0.2 (3.8)	−0.5 (1.9)	−0.5 (1.9)
p-value *	0.906	0.201	0.715	0.586	0.108	0.865	0.467	0.260	0.180

Pg, *Porphyromonas gingivalis*; Tf, *Tannerella forsythia*; Td, *Treponema denticola*; Fn, *Fusobacterium nucleatum*; Pi, *Prevotella intermedia*; Pn, *Prevotella nigrescens*; Sm, *Streptococcus mitis*; Smu, *Streptococcus mutans*; Ss: *Streptococcus sobrinus*, *: Wilcoxon signed-rank test.