

Effect of coca leaf chewing on the buccal cavity

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Resume

Objetives. To analyze the effect of chewing the crushed and normal coca leaf in the oral cavity.

Methods. A descriptive, prospective, cross-sectional and quantitative study was carried out, the sample consisted of 90 study subjects, 45 who chew crushed coca leaf and 45 normal coca leaf, a survey and a diagnostic clinical examination of the oral cavity were carried out.

Results. The effects in the oral cavity with the highest prevalence were presence of caries in the crushed coca leaf group in 100% and in the normal coca leaf group in 97%. Gingivitis was evident in 96.7% in both study groups. Coca leaf chewing time is more than 3 hours a day. There were no statistically significant differences between the two groups in the different variables.

Conclusions. It was concluded that there are effects in the oral cavity that are caused by chewing coca leaf almost every day for long periods of time, which prevents them from having good dental hygiene, adding to that a cariogenic diet. The most striking data was the presence of gingivitis, which occurred in a very high percentage, and other effects that occurred in more than 50% were pigmentation, gingival retraction, presence of tartar.

Keywords. Effects, caries, gingivitis

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