

Honey: A Remedy Rediscovered in the Treatment of Oral Diseases

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Abstract : For centuries, honey has been used for the management and cure of different diseases for the treatment of wound, ulcers, burns, cough, and sore throat, etc. It has also been proved to decrease inflammation, edema, and exudates in different body tissues. This study is performed to find out the effectiveness of honey in the treatment and prevention of gingivitis, gingival bleeding, and accumulation of plaque. Randomized control trial was performed on two subject groups. Honey provided to one subject group to apply on their gums and tooth and then gargle with water and drink. Frequency of the procedure is thrice a day for a month. Another group was given a placebo. Before and after, readings were taken according to Loe and Silness Plaque and Gingival Index. Initially, the mean plaque index, Gingival index and the percentage of sites which were bleeding in the honey group was 0.910, 0.800 and 58.71% respectively which has reduced to 0.313, 0.296 and 27.6% in 30 ± 3 days whereas the control group did not show signs of improvement. Visible changed has observed in the honey group from 0.910 to 0.313 in mean plaque index, 0.800 to 0.296 in Gingival Index, and the percentage of bleeding sited decreased from 58.71% to 27.6%. No significant changes observed in another group. We can conclude that honey reduces the formation/accumulation of plaque and decreases gingival bleeding as well as it has therapeutic effects.

Keywords : honey, gingivitis, Pakistan, bleeding gums

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