

Abstract

The Comparison Of Oral Health Interventions In Parents Of Preschool Age Children

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Background : deciduous teeth are the primary teeth. Appropriate oral health care prevents physical and oral health problems in the future.

Objective: to compare the differences in knowledge, attitude scores and oral health outcome between 2 study groups.

Methods: This was a prospective cohort study. Thirty parents of children aged 4 months - 4 years were invited to participate in this study. Participants were classified into group I, which were provided oral health education by brochure, electronic media and hands on demonstration, and group II, who were provided oral health by brochure and electronic media. Knowledge, Attitude and Simplified Oral Hygiene Index (OHI-S) were evaluated before and 12 months after oral health education.

Results : There were no statistical significant of knowledge and attitude scores between both groups. Factors associated with better knowledge score were educational level and household income. Factor associated with better attitude were household income. A caregiver aged from 20 years was a significant factor associated with less tooth decay. There were no statistical significant of OHI-S between 2 study group. Sleeping during feeding, night feeding and food at risk were founded in both study groups.

Conclusion : Oral health education via electronic media combine with advice regarding appropriate feeding behaviors are more necessary than hands on demonstration of brushing teeth.

Keywords : Dental caries, Oral health care, Children, Oral health promotion, Tooth brushing