

THE EFFECT OF ORAL AND DENTAL HEALTH PROMOTION ABOUT TOPICAL FLOURIDE APPLICATION BY USING LEAFLET MEDIA ON KNOWLEDGE LEVEL OF PARENTS

Agnesia Dwi Wulandari*, Suharyono, Etty Yuniarly
Department of Dental Nursing, Poltekkes Kemenkes Yogyakarta
Jl. Kyai Mojo No. 56 Pingit Yogyakarta 55432, (0274)514306
e-mail : agnesiawulandari.03@gmail.com

ABSTRACT

Background : Topical fluoride application is one of the efforts to prevent dental caries. The 2017 Bantul Health Office result showed that there were 70% dental caries problems in school-age children. Knowledge of topical fluoride application is needed, especially for parents who have children aged 6 or 7 years because they are susceptible to caries and are undergoing the process of changing their primary teeth to permanent teeth. The effort to increase knowledge is health promotion. Leaflet is health promotion media that have been used for a long time.

Objective : To know the effect of oral and dental health promotion about topical fluoride application by using leaflet media on knowledge level of parents.

Method : Pre-experiment with the One Group Pre-test Post-test Design. The population of this study were all parents of grade I students (A and B) of SD 1 Blunyahon totaling 55 respondents, sampling using saturated sampling technique. The study was conducted in February-March 2021th. The data analysis used Wilcoxon signed ranks test

Results: Before the promotion about topical fluoride application by using leaflet media, 76.4% of parents with good criteria, after of promotion knowledge level increased by 92.7% of parents with good criteria. The results of the analysis of statistic using the Wilcoxon signed ranks test statistical test showed Asym.Sig or $p = 0.000$ so that $p < 0.050$.

Conclusion : The promotion of oral and dental health about topical fluoride application by using leaflet media affect knowledge level of parents.

Keywords : Promotion, Topical Fluoride Application, Leaflet, Knowledge.

PENGARUH PROMOSI KESEHATAN GIGI DAN MULUT TENTANG TOPIKAL APLIKASI FLOURIDE MENGGUNAKAN MEDIA LEAFLET TERHADAP TINGKAT PENGETAHUAN ORANG TUA

Agnesia Dwi Wulandari*, Suharyono, Etty Yuniarly
Jurusan Keperawatan Gigi Poltekkes Kemenkes Yogyakarta
Jl. Kyai Mojo No. 56 Pingit Yogyakarta 55432, (0274)514306
e-mail : agnesiawulandari.03@gmail.com

ABSTRAK

Latar Belakang : Topikal aplikasi fluoride merupakan salah satu upaya untuk mencegah karies gigi. Berdasarkan hasil laporan Dinkes Bantul 2017 terdapat masalah karies gigi 70% terhadap anak usia sekolah. Pengetahuan tentang topikal aplikasi fluoride sangat diperlukan terutama pada orang tua yang memiliki anak-anak usia 6 atau 7 tahun karena rentan terkena karies dan sedang mengalami proses pergantian gigi sulung ke gigi permanen. Upaya untuk meningkatkan pengetahuan yaitu promosi kesehatan. Leaflet merupakan salah satu media promosi kesehatan yang sudah lama digunakan.

Tujuan : Diketuinya pengaruh promosi kesehatan gigi dan mulut tentang topikal aplikasi fluoride menggunakan media leaflet terhadap tingkat pengetahuan orang tua.

Metode : Praeksperimen dengan *One Group Pre-test Post-test Design*. Populasi penelitian ini seluruh orang tua siswa kelas I (A dan B) SD 1 Blunyan berjumlah 55 responden, pengambilan sampel menggunakan teknik sampling jenuh. Penelitian dilakukan pada bulan Februari-Maret 2021. Analisis data menggunakan uji statistik *Wilcoxon signed ranks test*.

Hasil : Sebelum dilakukan promosi tentang topikal aplikasi fluoride menggunakan media leaflet 76,4% orang tua memiliki tingkat pengetahuan kriteria baik, sesudah dilakukan promosi tingkat pengetahuan meningkat 92,7% orang tua dengan kriteria baik. Hasil analisis menggunakan uji statistik *Wilcoxon signed ranks test* menunjukkan *Asym.Sig* atau $p = 0,000$ sehingga $p < 0,050$.

Kesimpulan : Promosi kesehatan gigi dan mulut tentang topikal aplikasi fluoride menggunakan media leaflet berpengaruh terhadap tingkat pengetahuan orang tua.

Kata Kunci : Promosi, Topikal Aplikasi Fluoride, Leaflet, Pengetahuan.