

PENGARUH EDUKASI *PREVENTIVE DENTISTRY* BERBASIS *GOOGLE SITES* TERHADAP PENGETAHUAN DAN MINAT PERAWATAN *STAIN REMOVAL* PADA KADER POSYANDU

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ABSTRAK

Latar Belakang: Data Survei Kesehatan Indonesia (SKI) 2023 menunjukkan 43,6% penduduk Indonesia mengalami masalah kesehatan gigi dan mulut. Studi pendahuluan menunjukkan 65% kader Posyandu Kelurahan Kecandran belum mengenal *stain* gigi. Edukasi berbasis *Google Sites* yang fleksibel secara digital diaplikasikan untuk meningkatkan pengetahuan dan minat kader sebagai edukator kesehatan di masyarakat.

Tujuan: Diketuinya pengaruh edukasi *Preventive Dentistry* berbasis *Google Sites* terhadap peningkatan pengetahuan dan minat perawatan *Stain removal* pada kader posyandu

Metode: Penelitian *Quasi Experiment* dengan rancangan *Pretest-Posttest Nonequivalent Control Group* ini menggunakan teknik *total sampling* pada 56 populasi terjangkau kader dengan masalah *stain* gigi. Responden dibagi ke dalam kelompok eksperimen (*Google Sites*) dan kontrol (*Power Point*), 50 responden memberikan data lengkap (*response rate* 89,3%). Prosedur meliputi pretest, intervensi, dan posttest menggunakan kuesioner tervalidasi. Analisis data menggunakan uji *Wilcoxon* dan *Mann-Whitney U* pada data berdistribusi tidak normal.

Hasil: Uji *Wilcoxon Signed Rank* menunjukkan pengaruh signifikan intervensi edukasi melalui *Google Sites* terhadap peningkatan pengetahuan ($p<0,001$) dengan kenaikan rata-rata skor dari 7,16 menjadi 11,69. Intervensi tersebut berpengaruh signifikan terhadap peningkatan minat responden ($p<0,001$) yang ditunjukkan oleh kenaikan rata-rata skor dari 25,48 menjadi 51,4. Hasil uji *Mann-Whitney* menunjukkan perbedaan signifikan antara kelompok eksperimen dan kontrol baik pada variabel pengetahuan ($p=0,010$) maupun minat ($p=0,008$). Secara umum, edukasi *preventive dentistry* berbasis *Google Sites* terbukti memiliki pengaruh yang lebih signifikan dalam meningkatkan pengetahuan dan minat kader mengenai perawatan *stain removal* dibandingkan media konvensional

Kesimpulan: Media *Google Sites* berpengaruh terhadap peningkatan pengetahuan dan minat perawatan *Stain removal*

Kata Kunci: *Google Sites*, Kader Posyandu, Pengetahuan, Minat, *Preventive Dentistry*

THE EFFECT OF *GOOGLE SITES*-BASED *PREVENTIVE DENTISTRY*
EDUCATION ON KNOWLEDGE AND INTEREST IN *STAIN REMOVAL*
TREATMENT AMONG COMMUNITY HEALTHCARE CADRES

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ABSTRACT

Background: Data from the 2023 Indonesian Health Survey (SKI) indicates that 43.6% of the Indonesian population experiences oral health problems. A preliminary study reveals that 65% of community healthcare cadres in Kecandran Village are unfamiliar with dental stain. Digitally flexible education utilizing Google Sites was implemented to enhance the knowledge and interest of these cadres as health educators within the community.

Objective: This study aimed to determine the effect of Google sites-based Preventive Dentistry education on increasing knowledge and interest in Stain removal among Community Healthcare cadres.

Method: This quasi-experimental study with a pretest-posttest nonequivalent control group design utilized total sampling on 56 accessible population respondents with dental stain issues. Respondents were divided into either the experimental group (Google Sites) or control group (PowerPoint), with 50 respondents providing complete data (89.3% response rate). The procedure included a pretest, intervention, and posttest using a validated questionnaire. Data analysis used Wilcoxon and Mann-Whitney U tests.

Results: The Wilcoxon Signed Rank test demonstrated a significant impact of the Google Sites intervention on increasing knowledge ($p < 0.001$, mean: 7.16 to 11.69) and interest ($p < 0.001$, mean: 25.48 to 51.4). The Mann-Whitney U test revealed significant differences between the experimental and control groups in both knowledge ($p = 0.010$) and interest ($p = 0.008$). Overall, preventive dentistry education utilizing Google Sites proved more effective in enhancing cadres' knowledge and interest regarding stain removal care than conventional media.

Conclusion: Google Sites significantly increases knowledge and interest in Stain removal treatments.

Keywords: Google Sites, Community Healthcare Cadres, Knowledge, Interest, Preventive Dentistry