

PENGARUH MEDIA *E-BOOKLET* TERHADAP PENGETAHUAN DAN MINAT PENCABUTAN GIGI IMPAKSI DI KLINIK GIGI SWASTA

Dewi Sri Aryani¹, Wiworo Haryani², Eldarita³

^{1,2,3}Jurusan Kesehatan Gigi Poltekkes Kemenkes Yogyakarta

Jl. Kyai Mojo No. 56 Pingit, Yogyakarta, Daerah Istimewa Yogyakarta, 55243

Email : dewisriaryani3@gmail.com

ABSTRAK

Latar Belakang: Gigi impaksi merupakan salah satu masalah kesehatan gigi yang dapat menimbulkan komplikasi apabila tidak ditangani. Penyuluhan menggunakan media *e-booklet* dapat menjadi sarana edukasi untuk meningkatkan pengetahuan dan minat pasien terhadap pencabutan gigi impaksi di klinik gigi.

Tujuan Penelitian: Diketuinya pengaruh media *e-booklet* terhadap pengetahuan dan minat pencabutan gigi impaksi pada pasien di klinik gigi swasta.

Metode Penelitian: Penelitian ini menggunakan desain *quasi experiment* dengan pendekatan *pretest-posttest non-equivalent control group*. Populasi penelitian adalah pasien yang memiliki kasus gigi impaksi di Klinik Gigi Dental YK. Sampel berjumlah 70 responden yang dibagi menjadi kelompok perlakuan ($n=35$) dan kelompok kontrol ($n=35$). Variabel independen adalah penyuluhan menggunakan media *e-booklet*, sedangkan variabel dependen adalah pengetahuan gigi impaksi dan minat pencabutan gigi impaksi. Data dikumpulkan menggunakan kuesioner dan dianalisis dengan uji *Wilcoxon Signed Rank Test* serta *Mann-Whitney*.

Hasil Penelitian: Rata-rata pengetahuan kelompok perlakuan meningkat sebesar 3,78 poin (7,22 menjadi 11,00), sedangkan kelompok kontrol meningkat sebesar 1,71 poin (7,20 menjadi 8,91). Rata-rata minat kelompok perlakuan meningkat sebesar 3,88 poin (7,20 menjadi 11,08), sedangkan kelompok kontrol meningkat sebesar 3,11 poin (7,17 menjadi 10,28). Hasil uji *Wilcoxon* menunjukkan perbedaan bermakna sebelum dan sesudah penyuluhan ($p<0,001$). Hasil uji *Mann-Whitney* menunjukkan perbedaan bermakna antara kelompok perlakuan dan kontrol pada variabel pengetahuan dan minat ($p<0,001$).

Kesimpulan: Media *e-booklet* menunjukan nilai peningkatan pengetahuan dan minat pencabutan gigi impaksi yang lebih tinggi dibandingkan media poster.

Kata Kunci: *e-booklet*, pengetahuan, minat, gigi impaksi, pencabutan gigi impaksi.

***THE EFFECT OF E-BOOKLET MEDIA ON KNOWLEDGE AND
INTEREST IN IMPACTED TOOTH EXTRACTION
IN PRIVATE DENTAL CLINICS***

Dewi Sri Aryani¹, Wiworo Haryani², Eldarita³

^{1,2,3}Dental Health Departement, Yogyakarta, Ministry of Health Polytechnic
Jl. Kyai Mojo No. 56 Pingit, Yogyakarta, Daerah Istimewa Yogyakarta, 55243
Email : dewisriaryani3@gmail.com

ABSTRACT

Background: Impacted teeth are one of the most common oral health problems that may cause complications if left untreated. Health education using an e-booklet can be an effective educational medium to improve patients' knowledge and interest in impacted tooth extraction.

Research Objective: Determining the influence of e-booklet media on knowledge and interest regarding impacted tooth extraction among patients at a private dental clinic.

Research Methods: This study used a quasi-experimental design with a pretest-posttest non-equivalent control group approach. The population consisted of patients with impacted teeth at Dental YK Clinic. A total of 70 respondents were divided into an intervention group (n=35) and a control group (n=35). The independent variable was health education using an e-booklet, while the dependent variables were knowledge of impacted teeth and interest in impacted tooth extraction. Data were collected using questionnaires and analyzed using the Wilcoxon Signed Rank Test and Mann-Whitney Test.

Research Results: The mean knowledge score in the intervention group increased by 3.78 points (7.22 to 11.00), while the control group increased by 1.71 points (7.20 to 8.91). The mean interest score in the intervention group increased by 3.88 points (7.20 to 11.08), while the control group increased by 3.11 points (7.17 to 10.28). The Wilcoxon test showed significant differences before and after the intervention ($p < 0.001$). The Mann-Whitney test also showed significant differences between the intervention and control groups in both variables ($p < 0.001$).

Conclusion: The e-booklet medium demonstrated higher values for increased knowledge and interest regarding impacted tooth extraction compared to the poster medium.

Keywords: e-booklet, knowledge, interest, impacted teeth, impacted tooth extraction.