

**EFEKTIVITAS MEDIA INTERAKTIF *E-LEAFLET* TERHADAP
PENGETAHUAN TENTANG KARIES DAN MINAT
MELAKUKAN PENUMPATAN PADA
KADER POSYANDU**

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ABSTRAK

Latar Belakang: Prevalensi karies di Indonesia mencapai 82,8%, sedangkan Jawa Tengah berada di angka 56,7%, namun hanya 11,2% masyarakat yang memanfaatkan fasilitas kesehatan. Hasil studi pendahuluan pada kader posyandu menunjukkan pengetahuan tentang karies masih kurang dan mayoritas memiliki gigi berlubang yang belum dilakukan penumpatan. Penggunaan media digital berupa interaktif *e-leaflet* yang efektif dan praktis sebagai media informasi untuk meningkatkan pengetahuan tentang karies dan minat melakukan penumpatan pada kader posyandu.

Tujuan: Diketuinya efektifitas media interaktif *e-leaflet* terhadap pengetahuan karies dan minat melakukan penumpatan pada kader posyandu.

Metode: Desain penelitian Pra Ekperimen dengan rancangan *One Group Pretest and Posttest*. Populasi berjumlah 56 dengan sampel akhir 51 responden. Pengambilan sampel menggunakan *purposive sampling*. Penelitian dilakukan bulan April 2026 pada kader posyandu dengan teknik pengumpulan data menggunakan kuesioner. Analisis data menggunakan uji normalitas *Shapiro-Wilk* dan uji non parametrik *Wilcoxon Signed Rank Test*.

Hasil: Pengetahuan sebelum intervensi kategori cukup (70,6%) dan setelah intervensi meningkat kategori baik (92,2%). Minat sebelum intervensi kategori sedang (74,5%) dan setelah intervensi menjadi kategori tinggi (90,2%). Hasil uji *Wilcoxon Signed Rank Test* menunjukkan nilai signifikansi 0,001 ($p < 0,05$) untuk kedua variabel.

Kesimpulan: Media interaktif *e-leaflet* efektif terhadap pengetahuan tentang karies dan minat melakukan penumpatan pada kader posyandu.

Kata Kunci: *E-Leaflet*, Kader Posyandu, Karies, Minat Penumpatan, Pengetahuan.

EFFECTIVENESS OF INTERACTIVE E-LEAFLET MEDIA ON KNOWLEDGE ABOUT CARIES AND INTEREST TREATMENT IN POSYANDU CADRE

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ABSTRACT

Background: The prevalence of dental caries in Indonesia reaches 82.8%, with Central Java at 56.7%; however, only 11.2% of the population utilizes healthcare facilities. Preliminary study results among posyandu cadres indicate a lack of knowledge regarding caries, with the majority having untreated dental cavities that require restoration. The use of digital media, specifically an interactive e-leaflet, serves as an effective and practical information medium to improve knowledge about caries and stimulate interest in undergoing dental restoration among posyandu cadres.

Objective: To determine the effectiveness of interactive e-leaflet media on caries knowledge and interest in dental fillings among Posyandu cadres.

Methods: The research design used was a pre-experimental design with a one-group pre-test and post-test approach. The population consisted of 56 individuals, with a final sample size of 51 respondents. Sampling was conducted using a purposive sampling technique. The study was carried out in April 2026 among Posyandu cadres, and data were collected using questionnaires. Data analysis was performed using the Shapiro-Wilk normality test and the Wilcoxon Signed-Rank Test as the non-parametric statistical analysis.

Results: The respondents' knowledge was in the sufficient category (70.6%) before the intervention and increased to the good category (92.2%) after the intervention. Similarly, their interest was in the moderate category (74.5%) before the intervention and became the high category (90.2%) after the intervention. The Wilcoxon Signed-Rank Test results demonstrated a significance value of 0.001 ($p < 0.05$) for both variables.

Conclusion: The interactive e-leaflet media is effective in improving knowledge of dental caries and the interest in undergoing dental restoration among posyandu cadres.

Keywords: Caries, E-Leaflet, Knowledge, Posyandu Cadres, Restoration Interest.