

THE EFFECT OF FLIPBOOK ON VISUALIZATION OF DENTAL ABRASION ON KNOWLEDGE AND INTEREST IN CONSERVATIVE TREATMENT IN THE ELDERLY

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ABSTRACT

Background: Tooth abrasion is dental damage caused by the loss of structure due to contact between teeth and external objects, resulting in indentations on the tooth surface. Knowledge of dental abrasion among pre-elderly individuals in Donotirto village is still low, with initial data showing that 70% of pre-elderly individuals are unaware of dental abrasion and 90% have experienced it but are not interested in undergoing conservative treatment due to a lack of health education.
Objective: To determine the effect of a flipbook on the visualization of tooth abrasion on the knowledge and interest in conservative treatment among pre-elderly individuals.

Method: The design of this study is a Quasi-Experiment using a Non-Equivalent Control Group design. The population of pre-elderly individuals in the Donotirto hamlet area was sampled using purposive sampling techniques, with a total of 64 respondents. Data analysis used the Wilcoxon Signed Rank Test and the Mann-Whitney test.

Results: The research findings indicate that there was an increase after education using flipbook media, with 23 respondents (71.9%) meeting the good criteria for knowledge of dental abrasion and 25 respondents (78.1%) meeting the high interest criteria in conservative treatment. The Wilcoxon Signed Rank Test results for the knowledge and interest variables showed an Asymp.Sig.(p) value of $0.000 < 0.005$. The Mann Whitney test results showed values of 0.000 for the knowledge variable and 0.000 for the interest variable.

Conclusion: Flipbook media has an impact on increasing knowledge of dental abrasion and interest in conservative treatment among pre-elderly individuals.

Keywords: Flipbook, Knowledge, Interest, Abrasion, Pre-elderly.

PENGARUH *FLIPBOOK* TENTANG VISUALISASI ABRASI GIGI TERHADAP PENGETAHUAN DAN MINAT PERAWATAN KONSERVATIF PADA PRA LANSIA

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ABSTRAK

Latar Belakang: Abrasi gigi merupakan kerusakan gigi akibat hilangnya struktur yang diakibatkan oleh kontak gigi dengan benda luar dan menimbulkan cekungan pada permukaan gigi. Pengetahuan abrasi gigi pada pra lansia di dusun Donotirto masih rendah, didapatkan data awal sebanyak 70% pra lansia belum mengetahui abrasi gigi dan 90% telah mengalaminya namun belum berminat menjalani perawatan konservatif karena kurangnya edukasi kesehatan.

Tujuan: Diketuinya pengaruh *flipbook* tentang visualisasi abrasi gigi terhadap pengetahuan dan minat perawatan konservatif pada pra lansia.

Metode: Desain penelitian ini adalah *Quasi Experiment* dengan menggunakan rancangan *NonEquivalent Control Group*. Populasi pra lansia diwilayah dusun Donotirto dengan pengambilan sampel menggunakan teknik *purposive sampling* dengan jumlah sampel 64 responden. Analisis data menggunakan uji *Wilcoxon Signed Rank Test* dan uji *Mann-Whitney*.

Hasil: Hasil penelitian menunjukkan bahwa terdapat peningkatan setelah diberikan edukasi menggunakan media *flipbook* dengan kriteria baik sebanyak 23 responden (71,9%) pada pengetahuan abrasi gigi dan sebanyak 25 responden (78,1%) yang memiliki kriteria minat tinggi pada perawatan konservatif. Hasil uji *Wilcoxon Signed Rank Test* variabel pengetahuan dan minat menunjukkan nilai *Asymp.Sig.(p)* $0,000 < 0,005$. Hasil uji *Mann Whitney* menunjukkan nilai pada variabel pengetahuan 0,000 dan minat 0,000.

Kesimpulan: Media *flipbook* berpengaruh terhadap peningkatan pengetahuan abrasi gigi dan minat perawatan konservatif pada pra lansia.

Kata Kunci: *Flipbook*, Pengetahuan, Minat, Abrasi, Pra lansia.