

EFEKTIFITAS EDUKASI MENGGUNAKAN MEDIA *DENTURE VINTOM* TERHADAP PENGETAHUAN DAN MINAT GIGI TIRUAN PADA PRA-LANSIA

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ABSTRAK

Latar Belakang : Hasil Survei Kesehatan Indonesia (SKI) 2023 menyatakan hanya 3,1% masyarakat Indonesia menggunakan gigi tiruan, presentase kehilangan gigi berdasarkan kelompok usia 45-54 tahun (26,4%), usia 55-64 tahun (37,2%), dan usia 65 tahun ke atas (46,5%).

Tujuan : Diketuainya pengaruh edukasi dengan media *Denture Vintom* terhadap pengetahuan dan minat penggunaan gigi tiruan pada Pra-lansia.

Metode : Desain penelitian *Quasi-Eksperimen* dengan menggunakan rancangan *Non-Equivalent Control Group* Desain penelitian dengan menggunakan desain One Group Pretest Posttest. Populasi adalah warga senam pra-lansia daerah Gereja Gondokusuman sebanyak 70 orang anggota. Penelitian dilakukan di Gereja Kristen Jawa Gondokusuman. Pengambilan sampel menggunakan teknik *sampling* jenuh dengan kriteria *inklusi* dan *eksklusi*. Variabel pengaruh yaitu edukasi dengan media *Denture Vintom*, dan variabel terpengaruh yaitu pengetahuan dan minat penggunaan gigi tiruan. Penelitian dilaksanakan pada bulan Juli 2025. Instrumen penelitian menggunakan kuesioner. Analisis data menggunakan uji normalitas, Uji Wilcoxon Signed Rank Test

Hasil: Tingkat pengetahuan penggunaan gigi tiruan pada pra-lansia sebelum edukasi cukup 44,6% dan sesudah diberikan edukasi menjadi baik 100%. Tingkat minat penggunaan gigi tiruan pada pra-lansia sebelum edukasi sedang 53,8% dan sesudah diberikan edukasi menjadi tinggi 90,8%. Nilai mean variabel pengetahuan, *pretest* mendapatkan 4,88 dan *posttest* sebesar 9,69, maka selisih mean 4,81. Nilai mean variabel minat, *pretest* mendapatkan 10,46, dan *posttest* sebesar 21,05, maka selisih mean 10,59. Hasil uji wilcoxon nilai signifikansi $0,00 < 0,05$.

Kesimpulan : *Denture Vintom* memiliki dampak positif untuk pengetahuan dan minat penggunaan gigi tiruan kepada pra-lansia.

Kata kunci : Media, Minat, Pengetahuan, Gigi Tiruan, Pralansia.

EFFECTIVENESS OF EDUCATION USING DENTURE VINTOM MEDIA ON KNOWLEDGE AND INTEREST IN DENTURE USE AMONG PRE-ELDERLY

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ABSTRACT

Background: The 2023 Indonesian Health Survey (SKI) reported that only 3.1% of Indonesians use dentures, with tooth loss percentages in the age groups 45-54 years (26.4%), 55-64 years (37.2%), and 65 years and above (46.5%).

Purpose: To determine the effect of education using the Denture Vintom media on knowledge and interest in using dentures among pre-elderly individuals.

Method: This study used a Quasi-Experimental design with a Non-Equivalent Control Group and a One Group Pretest-Posttest design. The population consisted of 70 pre-elderly exercise group members from Gereja Gondokusuman. The study was conducted at Gereja Kristen Jawa Gondokusuman. Sampling employed total sampling with inclusion and exclusion criteria. The independent variable was education using Denture Vintom media, and the dependent variables were knowledge and interest in denture use. The research was carried out in July 2025. Data were collected using questionnaires and analyzed through normality tests and the Wilcoxon Signed Rank Test.

Results: The level of knowledge about denture use in pre-elderly before education was sufficient at 44.6% and after education was good at 100%. The level of interest in using dentures before education was moderate at 53.8% and after education was high at 90.8%. The mean score for knowledge variable in pretest was 4.88 and posttest was 9.69, with a mean difference of 4.81. The mean score for interest variable in pretest was 10.46 and posttest was 21.05, with a mean difference of 10.59. Wilcoxon test results showed a significance value of $0.00 < 0.05$.

Conclusion: Denture Vintom has a positive impact on knowledge and interest in denture use among pre-elderly individuals.

Keywords: Media, Interest, Knowledge, Dentures, Pre-elderly