

ABSTRAK

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Program Studi : Kedokteran Gigi
Judul : Efektivitas Media Poster Dan Video Edukasi Terhadap Peningkatan Pengetahuan Tentang Ortodonti Cekat
Pembimbing : 1. drg. Yoghi Bagus Prabowo, S.H., M.H. Kes.
2. drg. Nushita Dinar, M.Biotech., Sp.Ort

Tujuan: Mengetahui efektivitas media poster dan video edukasi terhadap peningkatan pengetahuan tentang ortodonti cekat pada siswa SMA Al-Azhar 14 Semarang serta membandingkan perbedaan efektivitas antar kedua media. **Metode:** Penelitian ini menggunakan metode *quasi experimental* dengan desain *cross-sectional* pada 112 siswa yang dibagi menjadi dua kelompok (poster dan video). Pengetahuan diukur menggunakan kuesioner 15 soal sebelum dan sesudah intervensi. Analisis data menggunakan uji Wilcoxon dan Mann–Whitney ($p < 0,05$). **Hasil:** Terdapat peningkatan pengetahuan yang signifikan pada kedua kelompok setelah diberikan intervensi ($p = 0,000$). Rerata peningkatan pengetahuan kelompok poster sebesar 1,09 poin (pre-test $13,23 \pm 1,37$; post-test $14,32 \pm 0,86$), sedangkan kelompok video sebesar 1,5 poin (pre-test $12,68 \pm 2,48$; post-test $14,18 \pm 1,18$). Hasil uji Mann–Whitney menunjukkan nilai $p = 0,389$, yang berarti tidak terdapat perbedaan signifikan efektivitas antara media poster dan video. **Kesimpulan:** Poster dan video edukasi sama-sama efektif meningkatkan pengetahuan siswa tentang ortodonti cekat, tanpa perbedaan signifikan efektivitas keduanya.

Kata kunci: Ortodonti cekat, edukasi kesehatan, poster, video.

ABSTRACT

Name : Gea Salsabila Putri Ferina Setya Goenawan
Study Programe : Dentistry
Title : The Effectiveness of Posters and Educational Videos in Increasing Knowledge About Fixed Orthodontics
Counsellor : 1. Yoghi Bagus Prabowo, drg., S.H., M.H. Kes.
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Objective: To determine the effectiveness of posters and educational videos in increasing knowledge about fixed orthodontics among students at Al-Azhar 14 High School in Semarang and to compare the effectiveness of the two media.

Methods: A quasi-experimental study with a cross-sectional design was conducted on 112 students divided into two groups (posters and videos). Knowledge was measured using a 15-item questionnaire before and after the intervention. Data analysis used the Wilcoxon and Mann–Whitney tests ($p < 0.05$). **Results:** There was a significant increase in knowledge in both groups after the intervention ($p = 0.000$). The average increase in knowledge in the poster group was 1.09 points (pre-test 13.23 ± 1.37 ; post-test 14.32 ± 0.86), while in the video group it was 1.5 points (pre-test 12.68 ± 2.48 ; post-test 14.18 ± 1.18). The Mann–Whitney test showed a p-value of 0.389, indicating no significant difference in effectiveness between the poster and video media. **Conclusion:** Both posters and educational videos are equally effective in increasing students' knowledge about fixed orthodontics, with no significant difference in their effectiveness.

Keywords: Fixed orthodontics, health education, posters, videos.