

PENGARUH E-LEAFLET ORTHOINFO TERHADAP PENGETAHUAN MALOKLUSI DAN MINAT PERAWATAN ORTODONTI PADA REMAJA

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ABSTRAK

Latar Belakang : Di Indonesia, maloklusi merupakan masalah kesehatan gigi dan mulut dengan prevalensi sebesar 80% dari populasi. Maloklusi dapat mengakibatkan beberapa gangguan atau hambatan dalam diri penderitanya. Pengetahuan dan minat pasien tentang perawatan ortodonti sangat diperlukan untuk meningkatkan derajat kesehatan gigi khususnya tentang perawatan ortodonti. Promosi menggunakan *e-leaflet* orthoinfo adalah salah satu cara meningkatkan pengetahuan maloklusi dan minat perawatan ortodonti.

Tujuan Penelitian : Diketuainya pengaruh *e-leaflet* orthoinfo terhadap pengetahuan maloklusi dan minat perawatan ortodonti.

Metode Penelitian : Desain penelitian ini adalah *Quasi-Experimental* dengan rancangan *Non-Equivalent Group*. Penelitian dilaksanakan pada Agustus 2023, populasi penelitian seluruh siswa kelas X SMA Negeri 1 Godean Yogyakarta yang memiliki kasus maloklusi sebanyak 64 siswa. Teknik pengambilan sampel menggunakan *Total-Sampling* dibagi menjadi kelompok perlakuan dan kelompok kontrol. Analisis data menggunakan *Paired-sample T-Test* dan *Independent-Sample T-Test*.

Hasil Penelitian : Pengetahuan kelompok perlakuan, sebelum promosi dengan kriteria baik sebanyak 25% dan setelah promosi meningkat menjadi 100%. Minat kelompok perlakuan, sebelum promosi dengan kriteria tinggi sebanyak 21,9% dan sesudah promosi meningkat menjadi 87,5%. Pengetahuan kelompok kontrol, sebelum promosi pengetahuan kriteria baik sebanyak 6,3% dan sesudah promosi meningkat menjadi 78,1%. Minat kelompok kontrol, sebelum promosi kriteria baik sebanyak 9,4% dan setelah promosi meningkat menjadi 62,5%. Uji *Paired-sample T-Test* diperoleh p-value $0,000 < 0,05$. Hasil analisis uji *Independent-Samples T-Test* diperoleh p-value $0,000 < 0,05$, *mean rank* kelompok perlakuan 35, dan kelompok kontrol 30,53.

Kesimpulan : Adanya peningkatan pengetahuan maloklusi dan minat perawatan ortodonti terhadap promosi *e-leaflet* orthoinfo pada remaja.

Kata Kunci : *E-leaflet*, Pengetahuan, Minat, Maloklusi, Ortodonti

THE EFFECT OF ORTHOINFO E-LEAFLET ON MALOCCLUSION KNOWLEDGE AND INTEREST IN ORTHODONTIC TREATMENT IN ADOLESCENTS

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ABSTRACT

Background : In Indonesia, malocclusion is a dental and oral health problem with a prevalence of 80% of the population. Malocclusion can cause several disorders or obstacles in the sufferer. Patient knowledge and interest about orthodontic treatment is very necessary to improve the level of dental health, especially regarding orthodontic treatment. Promotion using the Orthoinfo e-leaflet is one way to increase knowledge of malocclusion and interest in orthodontic treatment.

Purpose of Research : To investigate the orthoinfo *e-leaflet* on knowledge of malocclusion and interest in orthodontic treatment is known .

Methods : The design of this research is Quasi-Experimental with a Non-Equivalent Group design. The research was carried out in August 2023, the research population was all class, the sampling technique used total-sampling was divided into treatment groups and control groups. Analysis used Paired-sample T-Test and Independent-Sample T-Test.

Results : Knowledge of the treatment group, before promotion with good criteria was 25% and after promotion increased to 100%. Interest in the treatment group, before promotion with high criteria, was 21.9% and after promotion increased to 87.5%. The knowledge of the control group, before promotion, knowledge of good criteria was 6.3% and after promotion it increased to 78.1%. Interest in the control group, before the promotion of good criteria, was 9.4% and after the promotion it increased to 62.5%. Paired-sample T-Test obtained a p-value of $0.000 < 0.05$. The results of the Independent-Samples T-Test analysis obtained a p-value of $0.000 < 0.05$, the mean rank of the treatment group was 35, and the control group was 30.53.

Conclusion : There is an increase in knowledge of malocclusion and interest in orthodontic treatment regarding the promotion of the orthoinfo e-leaflet in adolescents.

Keywords : E-leaflet, Knowledge, Interests, Malocclusion, Orthodontic