

PENGARUH EDUKASI MENGGUNAKAN MEDIA *CROSSWORD PUZZLE* TERHADAP PENGETAHUAN MALOKLUSI DAN MINAT PERAWATAN ORTHODONTI PADA REMAJA

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ABSTRAK

Latar Belakang : Maloklusi merupakan salah satu masalah kesehatan gigi dan mulut yang banyak dialami remaja dan dapat berdampak pada fungsi, estetika, dan psikososial. Pengetahuan dan minat terhadap perawatan orthodonti pada remaja masih rendah, salah satunya akibat kurangnya edukasi yang menarik dan efektif. Media *crossword puzzle* merupakan salah satu metode pembelajaran aktif yang dapat meningkatkan pemahaman dan minat siswa. Hasil studi pendahuluan yaitu 70% siswa belum mengetahui tentang maloklusi dan perawatan orthodonti, 90% diantaranya mempunyai kasus maloklusi.

Tujuan : Diketuainya pengaruh edukasi menggunakan media *crossword puzzle* terhadap pengetahuan maloklusi dan minat perawatan orthodonti pada remaja.

Metode : Desain *quasi eksperimen* dengan rancangan *non equivalent control group*. Penelitian ini dilaksanakan pada bulan Februari 2025 di SMP Negeri 1 Minggir. Populasi penelitian berjumlah 224 responden dan teknik pengambilan sampel menggunakan *purposive sampling* dengan jumlah 70 responden. Variabel penelitian yaitu edukasi menggunakan media *crossword puzzle*, pengetahuan maloklusi dan minat perawatan orthodonti. Instrumen penelitian menggunakan media *crossword puzzle* dan kuesioner. Analisis data menggunakan uji *wilcoxon signed test* dan uji *man whitney test*.

Hasil : Terdapat peningkatan pengetahuan maloklusi dan minat perawatan orthodonti pada remaja sebelum dan sesudah dilakukan edukasi menggunakan media *crossword puzzle*.

Kesimpulan : Edukasi menggunakan media *crossword puzzle* berpengaruh terhadap pengetahuan maloklusi dan minat perawatan orthodonti pada remaja

Kata Kunci : crossword puzzle, pengetahuan, maloklusi, perawatan orthodonti

THE EFFECT OF EDUCATION USING CROSSWORD PUZZLE MEDIA ON MALOCCLUSION KNOWLEDGE AND ORTHODONTIC TREATMENT INTEREST IN ADOLESCENTS

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ABSTRACT

Background : Malocclusion is one of the dental and oral health problems that are often experienced by adolescents and can have an impact on function, aesthetics, and psychosocial. Knowledge and interest in orthodontic treatment in adolescents are still low, one of the reasons being the lack of interesting and effective education. Crossword puzzle media is one of the active learning methods that can increase students' understanding and interest. The results of the preliminary study were that 70% of students did not know about malocclusion and orthodontic treatment, 90% of whom had cases of malocclusion.

Objective : It is known that the influence of education using crossword puzzle media on knowledge of malocclusion and interest in orthodontic treatment in adolescents.

Methods : Quasi-experimental design with non-equivalent control group design. This study was conducted in February 2025 at SMP Negeri 1 Minggir. The study population was 224 respondents and the sampling technique used purposive sampling with a total of 70 respondents. The research variables were education using crossword puzzle media, malocclusion knowledge and interest in orthodontic treatment. The research instrument used crossword puzzle media and questionnaires. Data analysis used the Wilcoxon signed test and the Man Whitney test.

Results : There was an improvement in knowledge about malocclusion and interest in orthodontic treatment among adolescents before and after education using crossword puzzle media.

Conclusion : Education through crossword puzzle media had an effect on knowledge of malocclusion and interest in orthodontic treatment in adolescents

Keyword : crossword puzzle, knowledge, malocclusion, orthodontic treatment