

## THE EFFECT OF GUESSING GAME ON KNOWLEDGE ABOUT GINGIVITIS IN ADOLESCENTS

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### ABSTRACT

**Background:** Achieving dental health education targets is divided into short-term, medium-term and long-term goals. The expected results of dental health education in the short term are achieving a change in students' knowledge, an increase in understanding, attitudes and skills that will change students' behavior towards healthy behavior, and students can carry out healthy behavior in their daily lives.

**Objective :** To know the effect of the picture guessing game about gingivitis on knowledge and dental health behavior in adolescents.

**Method:** The design of this research is Quasi-experimental with a Non-Equivalent Control Group design, the population of One Roof Oenam State Middle School, a sample of 70 students, the variable influenced by the picture guessing game and the variable influenced by the level of knowledge of teenagers. The data collection technique uses a questionnaire distributed to respondents. Data analysis used the Wilcoxon Signed Rank Test and Mann Whitney and Mann Whitney.

**Results :** The results of the study showed that the knowledge and dental health behavior of teenagers in the experimental group was 97.1% in the good category, 2.9% in the sufficient category and 0% in the poor category, while the control group was in the good category as much as 31.4%, and the sufficient category was 31.4%. 28.6% and the less than 40.0% category. The results of statistical test analysis using the Wilcoxon Signed Rank Test obtained a p-value of 0.000. < 0.05.

**Conclusion :** The picture guessing game is influential in increasing teenagers' knowledge about gingivitis.

**Keywords:** Guess the picture, knowledge, gingivitis, teenager.

## **PENGARUH PERMAINAN TEBAK GAMBAR TERHADAP PENGETAHUAN TENTANG GINGIVITIS PADA REMAJA**

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### **ABSTRAK**

**Latar Belakang** : Pencapaian target penyuluhan kesehatan gigi dibagi menjadi tujuan jangka pendek, jangka menengah, dan jangka panjang. Hasil yang diharapkan dari penyuluhan kesehatan gigi dalam jangka pendek adalah tercapainya perubahan pengetahuan dari siswa, adanya peningkatan pengertian, sikap, dan keterampilan yang akan mengubah perilaku siswa ke arah perilaku sehat, serta siswa dapat menjalankan perilaku sehat dalam kehidupan sehari-harinya

**Tujuan** : Diketuainya pengaruh permainan tebak gambar terhadap pengetahuan tentang gingivitis pada remaja.

**Metode** : Desain penelitian ini adalah *Quasi eksperimental* dengan rancangan *Non Equevalent Control Group*, populasi SMP Negeri Satu Atap Oenam, sampel 70 orang siswa, variabel pengaruh permainan tebak gambar dan variabel terpengaruh tingkat pengetahuan remaja. Teknik pengumpulan data menggunakan kuesioner yang dibagikan kepada responden. Analisa data menggunakan *Wilcoxon Signed Rank Test* dan *Mann Whitney* dan *Mann Whitney*.

**Hasil** : Hasil penelitian menunjukkan bahwa pengetahuan dan perilaku kesehatan gigi pada remaja kelompok eksperimen dengan kategori baik sebanyak 97,1%, kriteria cukup sebanyak 2,9% dan kategori kurang 0%, sedangkan kelompok kontrol dengan kategori baik sebanyak 31,4%, kategori cukup sebanyak 28,6% dan kategori kurang sebanyak 40,0%. Hasil analisis uji statistik menggunakan uji *Wilcoxon Signed Rank Test* diperoleh *p-value* sebesar 0,000. < 0,05.

**Kesimpulan** : Permainan tebak gambar berpengaruh dalam meningkatkan pengetahuan remaja tentang gingivitis.

**Kata Kunci** : Tebak gambar, pengetahuan, gingivitis, remaja.

