

THE EFFECT OF COUNSELING USING SPINNING WHEEL MEDIA ON ADOLESCENTS' KNOWLEDGE AND ATTITUDES TOWARDS GINGIVITIS

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ABSTRACT

Background: Adolescents in their growth and development often face health issues, especially those related to the gums. Based on preliminary studies, 60% have moderate knowledge, and 70% have a poor attitude. Efforts to improve the level of knowledge and attitudes of adolescents about gingivitis by providing education on gingivitis using the spinning wheel game media.

Purpose: Determined the effect of health promotion using Spinning Wheel media on adolescents' knowledge and attitudes toward gingivitis.

Method: The study used a quasi-experimental method with a pre-test and post-test non-equivalent control group design. The total sample population consisted of 160 students. A purposive sampling technique was used to select 62 respondents. Data were collected using questionnaires measuring adolescents' knowledge and attitudes toward gingivitis. The independent variable was the Spinning Wheel media, while the dependent variables were adolescents' knowledge and attitudes about gingivitis. Data were analyzed using the Wilcoxon Signed Ranks Test and the Mann-Whitney U Test.

Result: In the experimental group, adolescents' knowledge increased from 23% (low) to 87% (high), and their attitudes improved from 16% (low) to 90% (high) after the counseling using the *Spinning Wheel* media. The Wilcoxon Signed Ranks Test showed a significant result ($p = 0.000$, $p < 0.05$), and the Mann-Whitney U Test also indicated a significant effect ($p = 0.000$), demonstrating a statistically significant impact of the intervention.

Conclusion: Counseling using the spinning wheel media has an effect on adolescents' knowledge and attitudes about gingivitis.

Keyword: spinning wheel media, knowledge, attitude, adolescents, gingivitis

PENGARUH PENYULUHAN MENGGUNAKAN MEDIA *SPINNING WHEEL* TERHADAP PENGETAHUAN DAN SIKAP REMAJA TENTANG *GINGIVITIS*

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ABSTRAK

Latar Belakang: Remaja dalam pertumbuhan dan perkembangannya seringkali menghadapi permasalahan kesehatan, terutama permasalahan yang berkaitan dengan gingiva. Berdasarkan studi pendahuluan 60% memiliki pengetahuan sedang, dan sebanyak 70% memiliki sikap kurang. Upaya meningkatkan tingkat pengetahuan dan sikap remaja tentang *gingivitis* dengan memberikan penyuluhan tentang *gingivitis* menggunakan media game *spinning wheel*.

Tujuan: Diketuinya pengaruh penyuluhan menggunakan media *Spinning Wheel* terhadap pengetahuan dan sikap remaja tentang *gingivitis*

Metode: Metode penelitian *quasi eksperiment* dengan rancangan *pre-test and post-test with non-equivalent control-group design*. Populasi sampel sebanyak 160 siswa. Teknik pengambilan sampel menggunakan *Purposive sampling* sebanyak 62 responden. Pengumpulan data menggunakan kuesioner pengetahuan dan sikap remaja tentang *gingivitis*. Variabel independent adalah media *Spinning Wheel* dan variabel dependen adalah pengetahuan dan sikap remaja tentang *gingivitis*. Analisis data menggunakan uji *Wilcoxon* dan uji *Mann-Whitey*.

Hasil: Pada kelompok eksperimen, pengetahuan remaja meningkat dari 23% (rendah) menjadi 87% (tinggi), dan sikap dari 16% (rendah) menjadi 90% (tinggi) setelah penyuluhan dengan media *spinning wheel*. Uji *Wilcoxon Signed Ranks Test* diperoleh $Sig(p)=0,000$ ($Sig(p)<0,05$) dan *Mann-Whitney* menunjukkan hasil signifikan ($p = 0,000$), menandakan adanya pengaruh yang signifikan.

Kesimpulan: Penyuluhan menggunakan media *spinning wheel* berpengaruh terhadap pengetahuan dan sikap remaja tentang *gingivitis*.

Kata Kunci: media *spinning wheel*, pengetahuan, sikap, remaja, *gingivitis*.