

PENGARUH EDUKASI MELALUI *WEBSITE* EKAGI TERHADAP PENGETAHUAN TENTANG KARANG GIGI DAN MINAT *SCALING* PADA REMAJA

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ABSTRAK

Latar Belakang: Berdasarkan data Survei Kesehatan Indonesia (SKI) tahun 2023, sekitar 15,1-20% merupakan individu yang sudah melakukan perawatan kesehatan gigi dan mulut berupa pembersihan karang gigi. Sekitar 45,5% memiliki pengetahuan tentang karang gigi di Sleman. Kurangnya pengetahuan tentang karang gigi dapat mempengaruhi rendahnya minat remaja untuk melakukan *scaling*. Pemanfaatan media edukasi digital seperti *website* diharapkan mampu meningkatkan pengetahuan dan minat remaja terhadap perawatan kesehatan gigi dan mulut.

Tujuan: Mengetahui pengaruh edukasi melalui *website* EKAGI terhadap pengetahuan tentang karang gigi dan minat melakukan *scaling* pada remaja.

Metode: Jenis penelitian ini adalah *quasi experimental* dengan rancangan *pretest-posttest control group design*. Penelitian dilaksanakan di Asrama Kutai Kartanegara Yogyakarta pada bulan April-Mei 2026 dengan menggunakan teknik *purposive sampling*. Jumlah populasi 86 orang di asrama Kutai Kartanegara. Pengumpulan data dilakukan menggunakan kuesioner pengetahuan dan minat *scaling*. Analisis data menggunakan uji *Wilcoxon Signed Rank Test* dan *Mann-Whitney*.

Hasil: Pengetahuan karang gigi sebelum edukasi berada pada kriteria kurang (54,3%) dan sesudah edukasi meningkat menjadi baik (80%), minat *scaling* yang naik dari kriteria rendah (71,4%) sebelum edukasi menjadi tinggi (85,7%) sesudah edukasi.

Kesimpulan: Edukasi melalui *website* EKAGI tidak berpengaruh terhadap pengetahuan tentang karang gigi tetapi berpengaruh pada minat melakukan *scaling* pada remaja.

Kata kunci: *Website* EKAGI, pengetahuan, karang gigi, minat *scaling*, remaja.

***THE INFLUENCE OF EDUCATION THROUGH THE EKAGI WEBSITE ON
KNOWLEDGE OF DENTAL PLAQUE AND INTEREST
IN SCALING IN TENNAGERS***

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ABSTRACT

Background: Based on data from the Indonesian Health Survey (SKI) in 2023, around 15.1-20% of individuals have undergone dental and oral health care in the form of dental calculus removal (scaling). Approximately 45.5% have knowledge about dental calculus in Sleman. A lack of knowledge about dental calculus can affect the low interest of adolescents in performing scaling. The utilization of digital educational media, such as websites, is expected to increase adolescents' knowledge and interest in dental and oral health care.

Objective: To determine the effect of education through the EKAGI website on knowledge about dental calculus and the interest in performing scaling among adolescents.

Methods: This type of research is a quasi-experimental study with a pretest-posttest control group design. The research was conducted at the Kutai Kartanegara Dormitory, Yogyakarta, from April to May 2026 using a purposive sampling technique. The population consisted of 86 people in the Kutai Kartanegara dormitory. Data collection was carried out using knowledge and scaling interest questionnaires. Data analysis used the Wilcoxon Signed Rank Test and the Mann-Whitney test.

Results: Education through the EKAGI website significantly increased knowledge about tartar and interest in scaling in the treatment group compared to the control group. In the treatment group, tartar knowledge before education was at the poor criteria of (54.3%) and after education increased to good at (80%). Interest in scaling increased from low criteria of (71.4%) before education to high criteria of (85.7%) after education.

Conclusion: Education through the EKAGI website has no effect on knowledge about dental calculus but has an effect on the interest in performing scaling among adolescents.

Keywords: EKAGI website, knowledge, tartar, scaling interest, adolescents.