

CORRELATION BETWEEN THE MAINTENANCE BEHAVIOR OF REMOVABLE PARTIAL DENTURE AND GINGIVAL STATUS

Annisa Sophyanti*, Herastuti Sulistyani, Furaida Khasanah
Department of Dental Health – Poltekkes Kemenkes Yogyakarta
Jl. Kyai Mojo No.56, Pingit, Yogyakarta 555243; tel.: +62 274 514306
*Email: annisasphy@gmail.com

ABSTRACT

Background: Proper maintenance of removable partial dentures prevents plaque accumulation, halitosis, gingivitis, periodontitis and poor esthetics. Maintenance of removable partial dentures includes cleaning frequency, cleaning time, and appropriate tools and materials, therefore optimal dental and oral health is achieved. The data found that 57.4% of users of removable partial dentures experienced gingivitis.

Objective: To investigate the correlation between the maintenance behavior of removable partial denture and gingival status.

Methods: This study is an analytic survey with a cross-sectional design, with a study population of 35 patients. The sampling technique used accidental sampling, while the data were analyzed using contingency coefficients. The research instrument used a questionnaire regarding the maintenance of removable partial denture and gingival status. This research was located at RSGM Universitas Muhammadiyah Yogyakarta, conducted from February to April 2022.

Results: The maintenance of removable partial denture was well by 40%, moderate by 46.7%, and poor by 13.3%. The respondents with healthy gingival status were 63.3%, while 36.7% had gingivitis. There were 12 respondents (100%) with good behavior and healthy gingival status. The results of the Contingency Coefficient test obtained a p -value of 0.001 ($p < 0.05$).

Conclusion: The better the behavior of maintaining the removable partial denture, the better the gingival status.

Keywords: Oral and dental health, removable partial denture, contingency coefficient.

HUBUNGAN PERILAKU PEMELIHARAAN GIGI TIRUAN SEBAGIAN LEPASAN DENGAN STATUS GINGIVA

Annisa Sophyanti*, Herastuti Sulistyani, Furaida Khasanah
Jurusan Kesehatan Gigi Poltekkes Kemenkes Yogyakarta
Jl. Kyai Mojo No. 56, Pingit, Yogyakarta
555243, 0274-514306
*Email: annisasphy@gmail.com

ABSTRAK

Latar Belakang: Pemeliharaan gigi tiruan sebagian lepasan yang tepat mencegah penumpukan plak, halitosis, gingivitis, periodontitis dan estetik yang buruk. Pemeliharaan gigi tiruan sebagian lepasan mencakup frekuensi pembersihan, waktu pembersihan, alat dan bahan yang tepat sehingga tercapai kesehatan gigi dan mulut yang optimal. Berdasarkan data ditemukan bahwa 57,4% pengguna gigi tiruan sebagian lepasan mengalami gingivitis.

Tujuan Penelitian: Diketahui hubungan perilaku pemeliharaan gigi tiruan sebagian lepasan dengan status *gingiva* pengguna gigi tiruan sebagian lepasan.

Metode Penelitian: Jenis penelitian survey analitik dengan rancangan *cross sectional*. Populasi penelitian 35 pasien. Teknik pengambilan sampel menggunakan *accidental sampling*. Analisis data menggunakan Koefisien Kontingensi. Instrumen penelitian menggunakan kuesioner pemeliharaan gigi tiruan sebagian lepasan dan status *gingiva*. Penelitian berlokasi di RSGM Universitas Muhammadiyah Yogyakarta pada bulan Februari-April 2022.

Hasil Penelitian: Hasil perilaku pemeliharaan gigi tiruan sebagian lepasan menunjukkan 40% perilaku baik, 46,7% perilaku sedang, dan 13,3% perilaku buruk. Status *gingiva* responden yang memiliki *gingiva* sehat 63,3% dan gingivitis 36,7%. Responden dengan perilaku baik dan status *gingiva* sehat sebanyak 12 responden (100%). Hasil uji Koefisien Kontingensi diperoleh *p-value* sebesar 0,001 ($p < 0,05$).

Kesimpulan: Semakin baik perilaku pemeliharaan gigi tiruan sebagian lepasan maka semakin baik status *gingiva*

Kata kunci: Kesehatan gigi dan mulut, gigi tiruan sebagian lepasan, Koefisien Kontingensi