

THE CORRELATION BETWEEN THE BEHAVIOR OF MAINTENANCE OF REMOVABLE PARTIAL DENTURES WITH THE INCIDENCE OF GINGIVITIS IN ELDERLY

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ABSTRACT

Background: The incidence of missing teeth at the age of 56-64 years due to extraction in Poso Regency is 35.57%. The high incidence of tooth loss in the elderly will have an impact on decreasing various system functions. Replacement of teeth that have been lost in the elderly can be done using removable dentures. The use of dentures should be accompanied by good maintenance of dentures. The lack of maintenance of dentures will cause various health problems of the oral cavity, which one is gingivitis.

Objectives: Know the correlation between the behavior of maintenance of removable partial dentures with the incidence of gingivitis in elderly.

Method: The type of this research was a quantitative study with an analytical observational approached using a cross sectional design. The variable in this research is the behavior of maintenance of removable partial dentures and the incident of gingivitis. The research was conducted at Posyandu Lansia in working area of Puskesmas Kawua on August 2022. The population of this research is 58 respondents. The samples of this research is 50 an calculated by slovin's formula. Those samples were chosen using purposive sampling technique. The instrument that used in this research were collected from the behavior questionnaires and check sheet which were later analyzed using *chi square* test.

Result: The behavior of maintenance of removable partial dentures in the middle category (54%). Most of elderly had incidence of gingivitis (64%). Based on the *chi square* test showed that P. Value is 0,000.

Conclusion: The behavior of maintenance of removable partial dentures corelate with the incidence of gingivitis in elderly.

Keywords: Behavior, removable partial dentures, gingivitis, and elderly.

HUBUNGAN PERILAKU PEMELIHARAAN GIGI TIRUAN SEBAGIAN LEPASAN DENGAN KEJADIAN GINGIVITIS PADA LANSIA

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ABSTRAK

Latar Belakang: Kejadian gigi hilang pada usia 56-64 tahun karena dicabut di Kabupaten Poso adalah 35,57%. Tingginya kejadian kehilangan gigi pada lansia akan berdampak pada menurunnya berbagai fungsi sistem. Penggantian gigi yang telah hilang pada lansia dapat dilakukan penggunaan gigi tiruan lepasan. Penggunaan gigi tiruan harus disertai pemeliharaan gigi tiruan yang baik. Kurangnya pemeliharaan gigi tiruan akan menimbulkan berbagai masalah kesehatan rongga mulut, salah satunya adalah gingivitis.

Tujuan Penelitian: Diketuinya hubungan antara perilaku pemeliharaan gigi tiruan sebagian lepasan dengan kejadian gingivitis pada lansia.

Metode: Jenis penelitian kuantitatif dengan pendekatan observasional analitik menggunakan rancangan *cross sectional*. Variabel penelitian adalah perilaku pemeliharaan gigi tiruan sebagian lepasan dan kejadian gingivitis. Penelitian dilakukan wilayah kerja Puskesmas Kawua pada bulan Agustus 2022.

Hasil: Perilaku pemeliharaan gigi tiruan sebagian lepasan berada pada kategori sedang (54%). Lansia sebagian besar mengalami kejadian gingivitis (64%). Hasil analisis uji *chi square* menunjukkan nilai *P. Value* sebesar 0,000.

Kesimpulan: Perilaku pemeliharaan gigi tiruan sebagian lepasan berhubungan dengan kejadian gingivitis pada lansia.

Kata Kunci: Perilaku, gigi tiruan sebagian lepasan, gingivitis, dan lansia.