

Pengaruh stres akademik terhadap kondisi jaringan Periodontal dan kadar Interleukin 1B dalam cairan Krevikular Gingiva : tinjauan pada peserta Program Pendidikan Dokter Gigi Spesialis Fakultas Kedokteran Gigi Universitas Indonesia = Academic stress effect on Periodontal Health Conditions and Interleukin-1B levels in Gingival Fluid Krevikular : overview on participant of Dental Specialist Programme in Faculty of Dentistry, University of Indonesia

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Abstrak

Latar Belakang: Stres faktor risiko penyakit periodontal, yang meningkatkan kadar interleukin-1 yang berperan pada kerusakan jaringan periodontal.

Tujuan: analisis hubungan antara stres akademik terhadap kondisi jaringan periodontal dan kadar interleukin-1 dalam cairan krevikular gingiva.

Metode: 38 orang subjek mengisi kuisioner GDES, pemeriksaan klinis, pemeriksaan laboratorium kadar interleukin-1 dengan ELISA.

Hasil: Terdapat perbedaan bermakna antara tingkatan stres akademik dengan kondisi jaringan periodontal dan kadar interleukin-1 ($p<0,05$); tidak terdapat perbedaan bermakna antara kadar interleukin-1 dengan kondisi jaringan periodontal ($p>0,05$).

Kesimpulan: Stres faktor risiko penyakit periodontal dengan peningkatan kadar interleukin-1

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Background: Stress is a risk factor for periodontal disease, with increase levels of interleukin-1 that act for periodontal destruction.

Objective: To analyze the relationship between academic stress in dental specialist programme in Dentistry on periodontal tissue conditions and levels of interleukin-1 in gingival fluid krevikular.

Methods: 38 subjects fill the quasioner GDES, periodontal examination and laboratorium examination of interleukin-1 with the ELISA test.

Results: Significant differences between academic stress to periodontal tissue and levels of interleukin-1 ($p<0,05$); no significant differences between levels of interleukin-1 to periodontal tissues ($p>0,05$).

Conclusion: Stress is periodontal risk factor with elevated levels of interleukin-1