

Analisis kadar Interleukin-1 β ; untuk melihat hubungan stres akademik terhadap status penyakit periodontal pada peserta Program Profesi Fakultas Kedokteran Gigi Universitas Indonesia = The relationship of academical stress to periodontal status and level of Interleukin-1 β ; in gingival crevicular fluid studied in Profession Dental Student Faculty of Dentistry Universitas Indonesia

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Abstrak

[Latar Belakang:Stres dapat diimplikasikan sebagai faktor risiko terhadap penyakit periodontal, yang dapat dilihat melalui kadar Interleukin-1 β ; (IL-1 β ;). Tujuan: Menganalisa hubungan stres akademik terhadap status penyakit periodontal berdasarkan kadar IL-1 β ; pada mahasiswa FKG UI program profesi. Material dan metode:Pemeriksaan Dental Environmental Stress (DES), indeks periodontal (indeks modifikasi Russel), dan kadar IL-1 β ; dengan ELISA assay terhadap 38 subjek. Hasil:Perbedaan bermakna pada hubungan antara status penyakit periodontal dengan kadar IL-1 β ;mahasiswa profesi dokter gigiFKG UIKesimpulan:Terdapat hubungan antara status penyakit periodontal dengan kadar IL-1 β ;, namun hubungannya dengan stres akademik belum dapat dibuktikan.

, Introduction: Stress condition was implicated as one of risk factor to periodontal disease, that can be assessed by Interleukin-1 β ; (IL-1 β ;) level.Objectives: To analyzethe relationship between academical stress to periodontal status and IL-1 β ;, Material and methods: 38 subjects were measuredfor perceived stress using The Dental Environment Stress (DES); periodontal condition using modified Russel periodontal index, and level of IL-1 β ; in GCFusing ELISA assay.Results:A significant differences was only showed in the relationship between IL-1 β ;to periodontal status. Conclusion:There is a relationship between IL-1 β ; level to periodontal status, but not to academic stress.

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