Kadar interleukin-1? dalam cairan sulkus gingiva penderita penyakit jantung koroner dan hubungannya dengan status periodontal = Levels of interleukin 1 in gingival crevicular fluid in patients with coronary heart disease and its relationship to periodontal status

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Abstrak

ABSTRAK
Latar Belakang: Periodontitis merupakan faktor risiko terjadinya Penyakit Jantung Koroner (PJK). Interleukin-1β merupakan sitokin pro-inflamasi utama yang dapat ditemukan pada kedua penyakit ini.Tujuan: Menganalisis hubungan kadar interleukin-1β dalam cairan sulkus gingiva (CSG) penderita PJK dan non PJK dengan status periodontal. Metode: Pemeriksaan klinis 40 subjek PJK dan 40 subjek non PJK, pemeriksaan laboratorium kadar Interleukin-1β dengan ELISA. Hasil : Tidak terdapat perbedaan bermakna Interleukin-1β antara penderita PJK dan non PJK (p>0,05); tidak terdapat perbedaan bermakna antara kadar Interleukin-1β dengan status periodontal penderita PJK dan non- PJK (p>0,05). Kesimpulan: Kadar Interleukin-1β penderita PJK tidak memiliki hubungan dengan status periodontal. Kata kunci : interleukin-1β, penyakit jantung koroner, status periodontal, cairan sulkus gingiva

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ABSTRACT

Background: Periodontitis is a risk factor for coronary heart disease. Interleukin-1β as a pro-inflammatory main cytokine, can be found in this both diseases. Objective: To analyze the relationship of interleukin-1β levels in CSG CHD and non-CHD patients with periodontal status. Methods: Clinical Examination for 40 Subject CHD and 40 controls was checked, laboratory test for measured the levels of Interleukin-1β with ELISA. Results: There were no significant differences between patients Interleukin-1β CHD and non-CHD (p>0.05); there is no significant difference between the levels of Interleukin-1β with periodontal status CHD and control patients (p>0.05) Conclusions: Levels of Interleukin-1β of CHD patients do not have a relationships with periodontal status.