

Pengaruh status sosial budaya pada kondisi jaringan periodontal selama masa kehamilan

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Abstrak

The effect of socio-cultural status on periodontal condition in pregnant women has been reported by a number of researchers. This study aimed to investigate the effect of socio-cultural status on periodontal condition in pregnancy. The periodontal condition was evaluated for 84 pregnant women at their first, second, and third trimesters. The clinical indices include gingival index, plaque index, and the amount of subgingival plaque bacterial colonies. Statistical testing used one way Anova at 95% confidence level ($\alpha = 0.05$), and t-test for the differences in the gingivitis severity of each group. The results of the study showed that gingival index, plaque index, and the amount of subgingival plaque bacterial colonies increased gradually in the first, second, and third trimesters, and that most severe gingivitis in pregnant women was associated with low level of education and unemployment. The conclusion of this study showed (1) increasing severity of gingivitis in pregnancy, (2) higher level of education is related to lower severity of gingivitis, and (3) employed women have lower rate of severe gingivitis than unemployed women.