

## Implikasi periodontitis terhadap ateroklerosis: hubungannya dengan profil lipid dan kadar serum hs-CRP

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### Abstrak

Indonesian Journal of Dentistry 2006; Edisi Khusus KPPIKG XIV: 234-238

C-Reactive Protein and serum lipids are correlated with atherosclerosis. This purpose of this study was to prove that increasing level of hs-CRP and serum lipids were corelated with periodontitis. This was a cross-sectional approach with 63 samples. Periodontitis was determined if the pocket depth (PD) was more than 4 mm and the attachment loss (AL) was more than 2 mm. Serum lipids and hs-CRP was analized by enzymatic method and clemiluminescent (immulite hs-CRP) alternatively. With unpaired t test it has showed that there was a difference level of hs-CRP and total cholesterol in periodontitis and non-periodontitis. It was found that there was a significant positive correlation between (PD  $r=0.26$ ), AL ( $r=0.25$ ) with hs-CRP serum level; and PD ( $r=0.27$ ), AL ( $r=0.30$ ) with total cholesterol and LDL. It was concluded that there is a possibility that there is a possibility that there is a relationship between periodontitis and atherosclerosis.