

## Zat kimia berbentuk gas yang dapat mengawali pengrusakan jaringan periodonsium

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### Abstrak

The etiology of periodontal inflammation are periodontal pathogenic bacteriae and defence immune responses, as well as others local and systemic factors. Several predisposing factors, however, play an important role and unfortunately are less appreciated either by the dentist or the patient himself. Among these is the volatile sulphur compounds (VSC), which is found to be harmful to the cell by causing the degradation of proteoglycan and glycoprotein, and result in the increase of the cell permeability. The volatile sulphuric acid-risk exposed-workers from galvanizing or battery factories have significantly greater proportion of deep pockets than the non-risk exposed-one. Cigarette's smoke also known to contain more than 4000 toxic agents which could delay the healing process of periodontal surgery lesions. It could be concluded that the volatile chemical compounds should be appreciated to lessen the morbidity rate of periodontal diseases.