

## Efek klinis aplikasi subgingival racikan gel metronidasol 25% dan larutan providon-iodin 10% sebagai terapi penunjang skeling-penghalusan akar pada periodontitis kronis

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20437820&lokasi=lokal>

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### Abstrak

Metronidazole gel 25% as an adjunct to scaling and root planing showed clinical effect better than scaling and root-planing alone. In Indonesia metronidazole gel is not popular, since probably it is expensive and not easy to obtain, so there is an idea to make metronidazole gel 25% mixture with relatively cheaper. The purpose of the study was to evaluate clinical effect of metronidazole gel 25%. Thirty Chronic Adult Periodontitis patients possessing at least 3 teeth >6mm pocket dept, >4 mm attachment loss, and bleeding on probing were selected and grouped into metronidazole 25%, PVP-I 10%, and as controle respective. After SRP of all quadrant, 3 teeth were randomly selected as respectively metronidazole gel 25% and PVP-I 10% were applied on day 0 and day 7, BOP, PPD, and clinical attachment gain were recorded at baseline and 1 month post therapy. Bleeding on probing was analyzed using Kruskal-Wallis test, pocket depth and attachment gain were analyzed using Anova test. The result showed a significant difference in each group before and after the application. However, metronidazol group was the best compared to the other two groups.