

# Efek aplikasi silver diamine fluoride pada karies gigi sulung terhadap peningkatan kualitas hidup anak = Effect of silver diamine fluoride application in primary teeth caries towards children quality of life

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## Abstrak

Karies merupakan masalah kesehatan gigi mulut yang paling tinggi pada anak usia 3-5 tahun di Indonesia. Mengobati karies sejak dini dapat menghilangkan rasa sakit dan meningkatkan kualitas hidup anak. SDF merupakan salah satu perawatan karies pada gigi sulung. 59 anak usia 3-5 tahun di Serpong diaplikasikan SDF pada permukaan gigi sulung yang karies dan di evaluasi setelah 3 bulan. Ibu subjek diberikan kuisisioner pengukuran kualitas hidup sebelum dan sesudah aplikasi SDF. Setelah dioleskan SDF, 89,36% karies terhenti. Kualitas hidup 59 subjek meningkat setelah aplikasi SDF ( $p < 0,05$ ). SDF efektif dalam menghentikan karies gigi sulung dan meningkatkan kualitas hidup anak.

.....Caries is the highest oral health problem in children aged 3-5 year old in Indonesia. Early caries treatment can heal toothache and increase quality of life. SDF is one of caries treatment for primary teeth. 59 children aged 3-5 years old were applied SDF and evaluated 3 months later. Mothers are given quality of life questionnaire before and after SDF application. After SDF application, 89,36% caries are arrested. Quality of life of the subjects are increased after SDF application ( $p < 0,05$ ). SDF is effective in treating primary teeth caries and increase children quality of life.