

# Efektifitas silver diamine fluoride dalam menghambat aktivitas karies dentin gigi sulung anak = Effectiveness of silver diamine fluoride in inhibiting dentine caries activity on primary teeth / Faradina Siti Zahra

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## Abstrak

<b>ABSTRAK</b><br>

Tujuan penelitian untuk mengetahui efektifitas SDF dalam menghambat aktivitas karies gigi sulung serta melihat hubungan keadaan intraoral dengan keefektifitasan SDF dalam menghambat aktivitas karies gigi sulung pada anak. 115 anak karies dentin aktif pada anak 2,5-6 tahun diaplikasikan SDF, selanjutnya dievaluasi setelah 3 dan 10 bulan dan keadaan intraoral diperiksa. Evaluasi setelah 10 bulan menunjukkan 69,7% permukaan karies aktif menjadi terhenti. Uji statistik menunjukkan karies aktif yang diaplikasikan SDF memiliki peluang 9.9 kali menjadi terhenti setelah 3 bulan, dan 6.4 kali setelah 10 bulan. Serta terdapat korelasi negatif bermakna secara statistik antara pulpitis dan skor pufa dengan keberhasilan intervensi SDF.

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<b>ABSTRACT</b><br>

The purpose of this study was to determine the effectiveness of SDF in inhibiting dental caries activity on primary teeth and find the relationship between intraoral situation with effectiveness of SDF in inhibiting childhood caries activity. 115 children 2,5-6 years were applicated SDF on teeth that have active dentin caries, and then evaluated after 3 and 10 months. Intraoral state was examined. Evaluation after 10 months showed 69.7% surface active caries to be arrested. The statistical test showed that the active caries applied SDF have chance 9.9 times becoming arrested after 3 months, and 6.4 times after 10 months. There is a negative correlation statistical significance of pulpitis and PUFA index with SDF intervention success.