



## Silver Diamine Fluoride: A Game-Changer in Pediatric Dentistry

### Faraed Dawood Salman\*

Professor in Dental Assistant Department/Medical Technical Institute, Erbil Polytechnic University, Erbil, Iraq

\*Corresponding Author: Faraed Dawood Salman, Professor in Dental Assistant Department/Medical Technical Institute, Erbil Polytechnic University, Erbil, Iraq.

**Received:** March 14, 2024

**Published:** May 01, 2024

© All rights are reserved by **Faraed Dawood Salman**.

Silver diamine fluoride (SDF) has emerged as a revolutionary treatment modality in pediatric dentistry, offering a minimally invasive and cost-effective approach to managing dental caries in children [1]. This editorial explores the efficacy, safety, and practical implications of using SDF as a caries-arresting agent, particularly in high-risk populations [2]. Drawing upon recent research findings and clinical evidence, the abstract highlights the potential of SDF to mitigate the burden of untreated dental caries and improve oral health outcomes in children worldwide [3]. Furthermore, the abstract discusses key considerations for integrating SDF into pediatric dental practice, including regulatory considerations, patient acceptance, and long-term monitoring [4]. Overall, SDF represents a promising tool in the armamentarium of pediatric dentists, offering a non-surgical solution for caries management and prevention in young patients [5].

4. Crystal YO., *et al.* "Parental perceptions and acceptance of silver diamine fluoride staining". *Journal of the American Dental Association* 148.7 (2017): 510-518.
5. Rosenblatt A., *et al.* "Silver Diamine Fluoride: A Caries "Silver-Fluoride Bullet"". *Journal of Dental Research* 88.2 (2009): 116-125.

### Bibliography

1. Crystal YO and Niederman R. "Silver Diamine Fluoride Therapy in Pediatric Dentistry: Review and Commentary". *Pediatric Dentistry* 38.7 (2016): 466-471.
2. Horst JA., *et al.* "UCSF Protocol for Caries Arrest Using Silver Diamine Fluoride: Rationale, Indications, and Consent". *Journal of the California Dental Association* 44.1 (2016): 16-28.
3. Mei ML., *et al.* "Clinical Use of Silver Diamine Fluoride in Dental Treatment". *Compendium of Continuing Education in Dentistry* 37.2 (2016): 93-98.