

Sorrento Valley Pediatric Dentistry Adds Silver Diamine Fluoride

September 15, 2026

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Sorrento Valley Pediatric Dentistry, a clinical dental facility located in San Diego, California, has incorporated topical silver diamine fluoride into its standard preventive and minimally invasive treatment protocols for pediatric dental patients. The application of silver diamine fluoride provides a non-invasive option designed to arrest active carious lesions in primary and permanent teeth without requiring local anesthetic administration or immediate mechanical drilling.

Silver diamine fluoride is an FDA-cleared topical liquid medicament combining silver ions, which act as antimicrobial agents against cavity-causing bacteria, and fluoride, which promotes remineralization of compromised dental enamel and dentin structures. When applied directly to active decay, the solution inactivates bacterial growth, hardens softened tooth structures, and halts the progression of the lesion. This non-restorative treatment approach serves as an intermediate clinical option to manage caries until traditional restorations can be performed or primary teeth naturally exfoliate.

By adding silver diamine fluoride in San Diego, CA, the practice aims to address specific behavioral and clinical challenges common in pediatric dentistry. The topical application protocol is especially useful for young pediatric patients experiencing early childhood caries, individuals with heightened dental anxiety, and patients with special healthcare needs who may struggle with lengthy restorative procedures. Utilizing topical medicaments allows clinicians to stabilize dental decay while minimizing the immediate need for advanced behavioral management techniques, such as conscious sedation or general anesthesia.

Dr. Jennifer Tran, a pediatric dentist at Sorrento Valley Pediatric Dentistry, detailed the operational and clinical applications of topical caries arrest protocols within routine practice. "Topical application allows us to control active tooth decay efficiently during routine clinical visits," said Dr. Tran. "By arresting carious lesions early through non-invasive means, we can maintain the physical integrity of primary teeth, protect surrounding dental tissues, and establish a manageable long-term oral health plan for each pediatric patient."

To complement clinical treatments, Sorrento Valley Pediatric Dentistry has published updated informational

materials for parents and legal guardians. These educational resources outline the specific mechanism of action, clinical indication criteria, follow-up application timelines, and expected aesthetic changes associated with topical treatments. Because silver diamine fluoride permanently darkens actively decayed dentin to a dark brown or black shade while leaving healthy tooth structure unchanged, the educational materials explain this visual transition in detail to ensure parents are fully informed prior to granting clinical consent.

In addition to printed educational guides, the clinical staff conducts individualized consultation assessments during routine evaluations. During these visits, dentists examine the precise location and depth of active cavities, assess tooth proximity to natural exfoliation, and evaluate patient cooperation levels to determine whether topical silver diamine fluoride, traditional composite fillings, stainless steel crowns, or observational monitoring represents the appropriate clinical course of action.

Furthermore, the practice provides structured follow-up protocols to monitor tooth stability and reapply the medicament at six-month intervals when clinically indicated. Periodic monitoring ensures that the caries arrest remains effective over time and allows clinicians to assess whether additional restorative interventions become necessary as the child matures.

The topical application service is available to new and returning patients at the facility. Parents seeking details regarding silver diamine fluoride in San Diego, CA, scheduling parameters, or pediatric dental evaluations can access patient registration portals online or contact the clinical reception office directly. Through this clinical service update, the practice expands its preventive and intermediate restorative care options for families across the region.

For media inquiries, administrative details, or additional information regarding Sorrento Valley Pediatric Dentistry and its pediatric clinical protocols, representatives and prospective clients may contact the main practice office directly via telephone or official electronic communication channels.

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