SDF CHAIRSIDE GUIDE
Silver Diamine Fluoride (SDF) is a non-invasive treatment option for cavities, using a topical medicine that is painted on the tooth instead of a more invasive surgical (drill and fill) approach.

**SDF Treated Incisors**

**Before**

**After**

**SDF Treated Molar**

**Before**

**After**

**Pros**
- Quick, easy, painless
- Relieves sensitivity
- Remineralizes your natural tooth structure
- Prevents biofilm adhesion
- Avoid or delay more invasive restorations
- Arrests 80% of cavities when applied twice yearly

**Cons**
- Permanently stains cavities black
- Cavities (holes) that trap food may still require a restoration
- Not an option for deep cavities
- 20% of cavities continue to grow
- SDF is a treatment for cavities, not a cure

* Proper diet and oral hygiene, including daily flossing, are critical for long-term success

For more information, please visit: Dr. Jeanette MacLean  www.kidsteethandbraces.com
SDF + Floss Treatment

Silver Diamine Fluoride (SDF) is a topical antimicrobial and remineralizing non-invasive treatment option for interproximal lesions (decay between the teeth).

SDF Application to Interproximal Surfaces with Spongy Floss

Pros
- Quick, easy, and painless
- Non-invasive
- Remineralizes your natural tooth structure
- Prevents biofilm adhesion
- Arrests 80% of lesions when applied twice yearly
- Avoid or delay more invasive restorations

Cons
- Permanently stains decay black
- 20% of lesions fail to arrest with SDF treatment alone
- Not an option for deep cavities
- Lesions between molars are the most likely to grow and may require a restoration

* Proper diet and oral hygiene, including daily flossing, are critical for long-term success

Clinical Appearance of SDF Treated Small Interproximal Lesions

Clinical Appearance of SDF Treated Extensive Interproximal Lesions

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SMART Treatment

Silver Modified Atraumatic Restorative Treatment (SMART) is a minimally invasive treatment option for cavities treated by Silver Diamine Fluoride (SDF) using Glass Ionomer Cement (GIC).

Pros
- Minimally invasive
- Aesthetic
- Durable
- Biocompatible

Cons
- GIC alone may not mask the entire SDF black scar
- Larger lesions may require a full coverage restoration
- SMART is a treatment for cavities, not a cure

* Proper diet and oral hygiene, including daily flossing, are critical for long-term success

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