



[👑]e-SDF

38% Silver Diamine Fluoride



What is Silver Diamine Fluoride ?

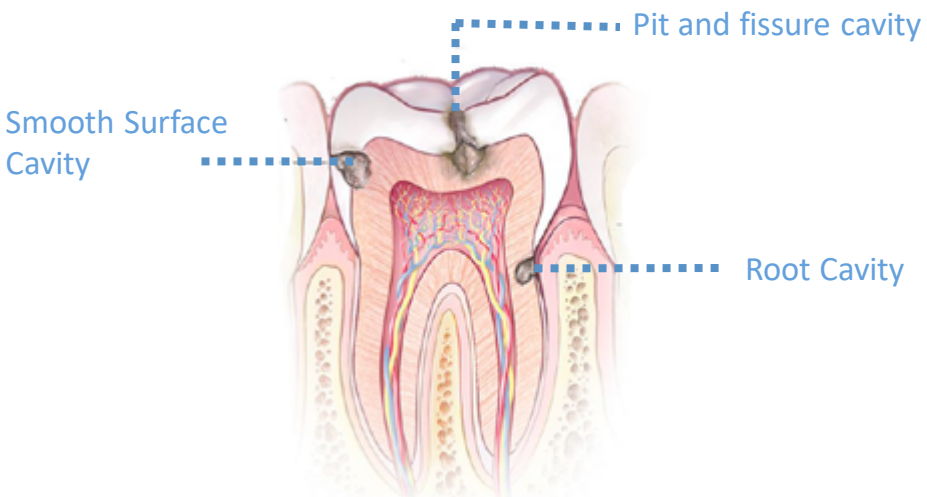
Silver Diamine Fluoride (SDF) is a liquid substance used to help prevent caries from forming, growing, or spreading to other teeth. Its safe, painless alternative to traditional cavity drilling procedures.



Silver Diamine Fluoride (SDF) was first approved for use in Japan more than 80 years ago. SDF was approved by U.S. Food and Drug Administration (FDA) in 2014 for use in the United States.

Indications

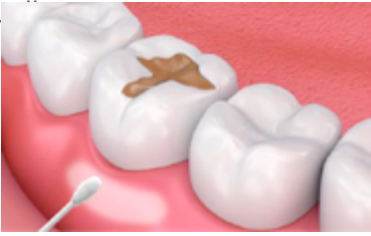
- Non-symptomatic carious lesion (Arresting and preventing caries)
- Carious lesions that cannot be treated in 1 visit
- Root caries
- Tooth sensitivity
- Difficult to treat lesions
- Patients with special health care needs, severe dental phobia, high risk conditions and immune-compromised patients
- Patients without access to traditional dental care.
- Patients not indicated for general anesthesia or oral sedation



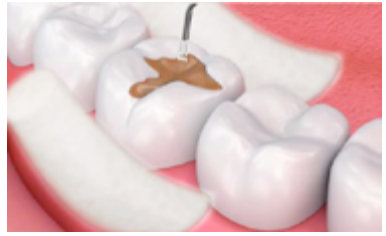
Non-Symptomatic carious lesion not involving the pulp tissue

How is it used ?

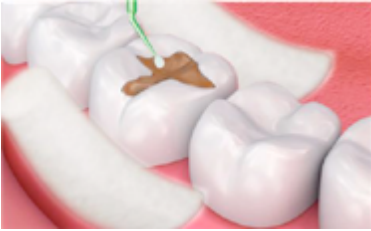
1. Protect Gingiva & Mucosa using Petroleum



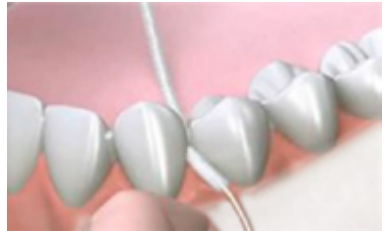
2. Isolate & dry the area



3. Apply SDF using Micro Brush



4. For Proximal Decay use super floss for application



5. Allow to soak for 1-3 minutes

Are There any Side effects ?

You shouldn't use SDF if you have a silver allergy, oral ulcerations or cranker sores and advanced gum disease. These conditions can have painful reactions with acid or ammonia in SDF.



Black staining around the area where SDF is applied. SDF can also sustain surfaces that it comes into contact with when being applied, such as clothing or nearby tissue in the mouth

To Reduce blackening of the filling:

Polish away discoloration along the margins



Restore the cavity



How much can you use ?

- 1drop/10kg per visit.
- Re-apply at interval of 3 to 6 months depending on oral hygiene of patient.

Benefits

- Painless: No anesthesia required
- Non-invasive: No drilling required
- Time Saving: Easy to use
- 1 drop = upto 5 surfaces
- 5ml bottle can cater 160 to 200 patients

How deep does it Penetrate

- 25-30 microns into enamel
- 200-300 microns into dentine
- Upto 2mm into deep lesion



Pre Operative



Post Operative

Doctor's Review

“e-SDF rightly claims its spot in preventive dentistry. It efficiently and effectively hampers degradation of collagen and inhibits demineralization”

Dr. Rajesh Birikar, India 🇮🇳

“Really its magic for children. I am really happy to use e-SDF for the treatment of children”

Dr. Taufiqur Rehman, Bangladesh 🇬🇧

“My patients always ask me if I have any product to stop caries without pain and give good results. After use of e-SDF careis is arrested and showing good results. Thanks a lot”

Dr. Maha Jamal Al Ani, Iraq 🇮🇳

“e-SDF is perfect solution for treating very young uncooperative Egyptian children with Early Childhood caries, which we meet on daily basis”

Dr. Nour Wahba, Egypt 🇮🇳

Frequently Asked Questions

What are the Precautions for use e-SDF?

- Intended to be used by dental professionals only
- Do not use in patient with silver allergy, oral ulcerations or canker sores, advanced gum disease . These conditions can have painful reactions with the acid or ammonia in SDF
- The only common side effect is black staining around the area where SDF is applied. SDF can also stain surfaces that it comes into contact with when being applied, such as clothing or nearby tissues in the mouth.

When one should use e-SDF ?

The following are the indications to use e-SDF

- Non-symptomatic carious lesion (Arresting and preventing caries)
- Carious lesions that cannot be treated in 1 visit
- Root caries
- Tooth sensitivity
- Difficult to treat lesions
- Patients with special health care needs, severe dental phobia, high risk conditions and immune-compromised patients
- Patients without access to traditional dental care.
- Patients not indicated for general anesthesia or oral sedation

What are the Precautions for Handling?

- Use Gloves while Handling the Liquid.
- It will stain skin, clothes, counter tops, floors and instruments brown or black. Refer to the following for stain removal:
 - Skin; wash immediately with water, soap, ammonia or iodine tincture and then rinse thoroughly with water. Do not use excessive methods in an attempt to remove difficult stains from skin as the stains will eventually fade.
 - Clothing/Countertops/Floors/Instruments; use the same procedures as with stained skin. Difficult stains may be treated with sodium hypochlorite.

How should you store e-SDF?

- Store in original packaging in a cool, dark place.
- Replace cap immediately after use.
- Use as soon as dispensed.