SILVER DIAMINE FLUORIDE FOR OLDER ADULTS



What is Silver Diamine Fluoride (SDF)?

- SDF is a liquid medication for tooth decay.
- SDF stops the cavity from growing by killing bacteria.
- Arrested tooth decay turns dark brown or black, right away or over time. (See photos below)
- Healthy areas of teeth treated with SDF will not stain and will remain a natural tooth color.
- Like other fluorides, SDF also strengthens the tooth to prevent new decay and is used to treat tooth sensitivity.



after SDF treatment (Compendium of Continuing Education in Dentistry, Feb 2016)



before, after 24 hours, and after 7 days of SDF treatment (UCSF Dental Center)

How is SDF treatment done?

- Teeth are dried and a small amount of SDF is brushed on areas of active tooth decay.
- Care must be taken to avoid allowing SDF to touch the gums, skin or clothing.
- When decay is treated, the dark color shows that the SDF is working.
- Early treatment can prevent more damage to the tooth.
- SDF may be a first stage or long-term treatment.
- A filling or other treatment may still be recommended if the SDF treatment is done after a cavity has already damaged the tooth.
- For best results, SDF may be applied every 6-12 months.

Who should not have SDF treatment? People who have:

- a silver allergy
- painful sores or raw areas in the mouth
- concerns about staining of the decay

Who should have SDF treatment? SDF may benefit people:

- with active decay whose treatment will delayed or need to be completed over a long period of time
- with dry mouth from medications or chemotherapy
- for whom other dental treatments are challenging or not possible

Please ask your dental provider if you have any questions about SDF treatment.