

Silver Diamine Fluoride

ADA Symposium on Early Childhood Caries in
American Indian and Alaska Native Children

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Disclaimers

- This is not “the” truth
- This is how I see it
- You need to decide for yourself

CRITICAL REVIEWS IN ORAL BIOLOGY & MEDICINE

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Silver Diamine Fluoride: A Caries "Silver-Fluoride Bullet"



Brief History

1000 BC Silver bowls for potable water

1890 Silver sutures+silver nitrate: prevent infections
(Halsted)

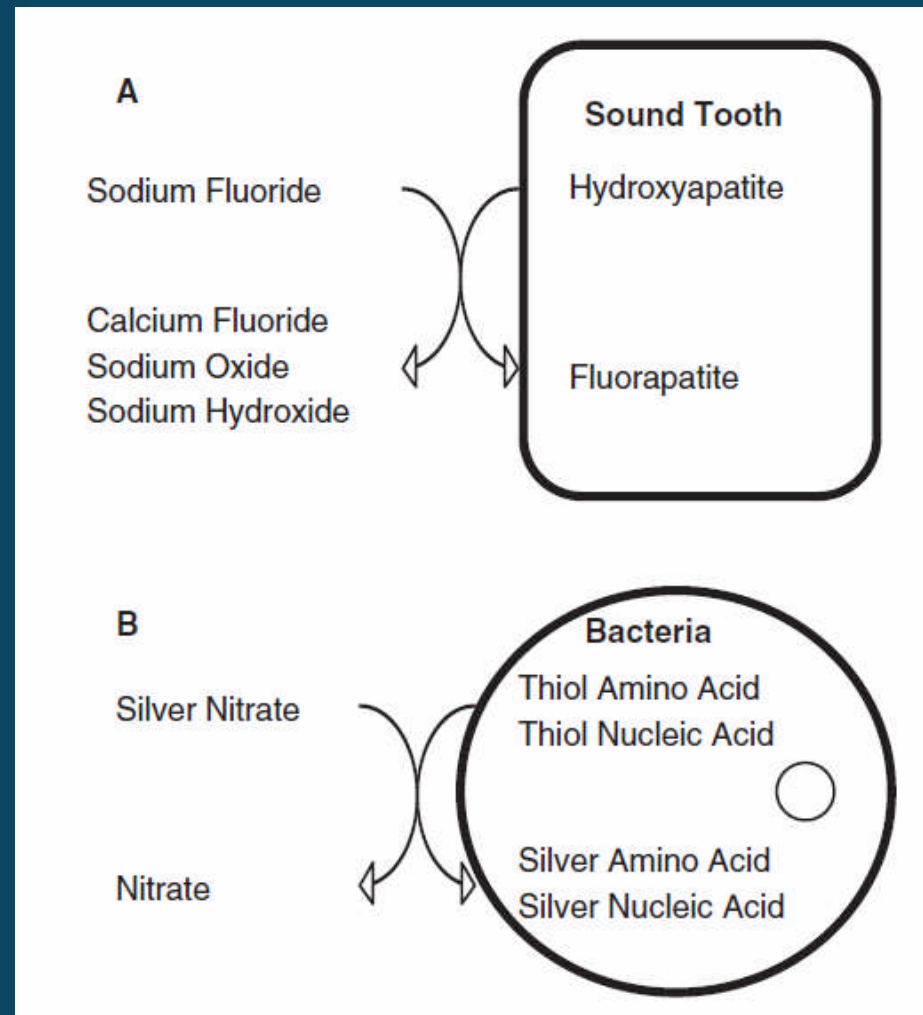
1920 Silver nitrate: caries prevention (Howe)

1960 Silver diamine fluoride: caries prevention
Yamaga Japan, Aron Mexico, Gotjamanos Australia

Current FDA Approved Uses

- Silver topical ointments for burns
- Slow release silver wound dressing
- Colloidal silver water purification
- Silver fabric surgical gowns and drapes
- Silver sutures

Mechanism of Action



Silver Diamine Fluoride Application



ForsythKids Argentina, Brazil, Colombia



Typical Findings



Thank you