



THE ROLE OF DISEASE MANAGEMENT IN COMMUNITY-BASED CARE: SILVER DIAMINE FLUORIDE AND INTERIM THERAPEUTIC RESTORATIONS

**Mary Davis, CPHDH
WIC Pay for Prevention Project
Alice Peck Day School Program
Concord Dental Sealant Coalition**

CPHDH

- Created by legislation with no opposition in 2012
- After BODE rule-making, 6 required courses offered as CE at NHTI
- 1st CPHDH applications were accepted in July 2014
- Now, there are 31 CPHDHs
 - Collaborative Agreement
 - Public health settings



CPHDH

- Increased scope of practice
- Under public health supervision
 - Place Interim Therapeutic Restorations (ITR)
 - Take X-rays
- National leader for OH workforce model
 - Prevention
 - Disease management
 - Tele-dentistry



CARIES STABILIZATION

- Required course for CPHDHs offered at NHTI
 - Sealants
 - ITRs
 - SDF
- Each alone is 80% effective reducing risk of decay based on SRs of the evidence
- Together?
- Dr. R.Niederman, Dr. S.Finne, and H. Saltmarsh



ITRS

- Interim Therapeutic Restorations with Glass Ionomer Cement
- “Temporary fillings” to keep cavities from getting worse. No drilling!
- Work best on small/moderate size cavities on a single surface



SDF

Silver Diamine Fluoride

- FDA approved for desensitization 2014
- Available in US April 2015
 - Elevate Oral Care - only
 - Advantage Arrest 38% SDF
- Breakthrough Therapy for caries arrest
 - Now off-label use to stop decay, like FLV
- Research evidence, education
 - www.elevateoralcare.com



DECAY STOPPING FLUORIDE TREATMENT SILVER DIAMINE FLUORIDE



Photographs from Steve Duffin, Medical Management of Caries: Silver Diamine Fluoride
Photo from Hola Arkansas, Accessed 10-12-2016
<http://hola-arkansas.com/silver-diamine-fluoride-not-a-complete-solution-to-caries-risk/>



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PREVENTION & DISEASE MANAGEMENT

- WIC
- Head Start
- Daycare
- Preschool – High School
- Primary medical care settings
- Senior Centers
- Long Term Care





