

Work *SMARTer*

Silver Diamine Fluoride and Glass Ionomer Cement...

The wave of treating caries is here!

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Kyle Isaacs RDHEP, BHS is an expanded practice dental hygienist working in a variety of patient care services settings in her home state of Oregon taking care of residents of nursing homes, memory care facilities, schools, adult foster care homes, and private residences for patients who are not ambulatory. Kyle is an ADHA member, and proudly serves on the board of the Oregon Dental Hygienists Association. Kyle is a Young Clinical Representative and a professional educator for Waterpik. She is a published author in RDH Magazine and has been recognized for her dedication to her profession as a recipient of the 2017 SUNSTAR Award of Distinction and the 2018 Hu-Friedy/ADHA Master Clinician

- I. Why use Silver Diamine Fluoride and Glass Ionomer Cements
 - a. Access to care
 - b. Monetary benefits
 - c. General anesthesia outcomes
 - d. Medical management of caries

- II. The history of Silver Diamine Fluoride and Glass Ionomer Cements
 - a. Early compounds
 - b. FDA, codes, new research

- III. The Science of SDF and GICs
 - a. Chemistry and benefits of SDF
 - i. Antibacterial
 - ii. Remineralizes
 - iii. Desensitizes
 - iv. Zombie effect
 - v. Biofilm control
 - vi. Frequency and dosing
 - vii. Safety

 - b. Chemistry and benefits of Glass Ionomer Cements
 - i. Fluoride
 - ii. Method of bonding
 - iii. Longevity
 - iv. Structure

- IV. The populations and Uses
 - a. Cancer
 - b. Elders
 - c. Children
 - d. Special circumstances
 - e. Root sensitivity
 - f. Root caries
 - g. Access issues
 - i. Long-term care facilities
 - ii. Lack of enough Medicaid practitioners/long wait times

- V. Strategies for practice
 - a. Managing risk
 - i. Informed consent
 - ii. Insurance reimbursement
 - iii. Scope of use by dental hygienists
 - b. Set-up
 - i. Process
 - ii. Interproximal lesions
 - iii. Videos of protocols
 - c. Contraindications
 - d. Codes
 - e. SMART
 - i. SDF and GICs protocol
 - ii. Videos of protocols
 - f. Riva Star

- VI. Inspired Action