

Analytic Framework: School Fluoride Varnish Delivery Programs

School Fluoride Varnish Delivery Programs



Children attending preschools and schools

Increased receipt of fluoride varnish applications

Reduced initiation of tooth decay

Reduced progression of tooth decay

Reduced morbidity

Improved health equity*

Potential Effect Modifiers

- Child, school, and community factors (e.g., baseline tooth decay severity, socio-demographics, rural/urban, policy)
- Background fluoride exposure (e.g., fluoridated water)
- Fluoride varnish application (e.g., frequency, follow-up time)
- Provider (e.g., dental vs. non-dental provider)
- Co-interventions (e.g., sealants)

Potential Additional Benefits:




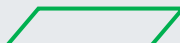
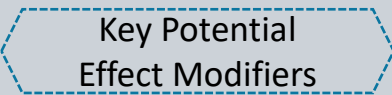
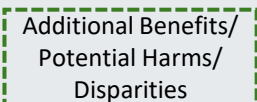



- Integrate preventive dental care into medical care
- Increase high-risk children with dental home
- Improve quality of life and school performance

Potential Harms:

- Excess fluoride exposure
- Allergic reactions to fluoride varnish application

* Reduced disparities by income and other social determinants of health in tooth decay and receipt of fluoride varnish

Legend: Icons in Community Guide Analytic Frameworks

Icon	Interpretation
	Intervention
	Recommendation outcome
	Other intermediate outcome/variable (that are not recommendation outcomes)
	Population
	Key Potential Effect Modifiers (affecting causal relationships)
	Additional benefits/Potential Harms/Disparities
	Unidirectional block arrows are applied between intervention and population icons
	Unidirectional arrows for causal relationships
	Bidirectional arrows show feedback loops