FLUORIDE VARNISH IMPROVES THE FINANCIAL VIABILITY OF A SCHOOL-BASED SEALANT PROGRAM

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Statewide Oral Health Survey

- Conducted by the Massachusetts
 Department of Public Health
 - Office of Oral Health
- Conducted in the year 2003

2003 Statewide Oral Health Survey

Boston Children have Poorer Oral Health than the State-Wide Average

Survey Results

 27% of Massachusetts third graders had untreated decay

 43% of Boston third graders had untreated decay

Compared with the statewide average Boston's children have...

- 16% greater untreated decay
- 16% greater history of disease
- 17% less sealants placed
- 5% greater need for urgent treatment

Boston Sealant ProgramSmart Smiles-Inception: 2004



In Boston Public Schools

Smart Smiles Partners

- Boston Public Health Commission
- Boston University
- Delta Dental of Massachusetts
- Forsyth School for Dental Hygienists
- Harvard University
- Massachusetts Department of Public Health
- Tufts University

Smart Smiles Program

- Focus on Second & Third Grades
- Components Include
 - Education
 - Screenings
 - Sealant Placement
 - Fluoride Varnish

Program in Action



Program Expansion



• Y1 -2004-2005

20 Elementary Schools

Y2 -2005-2006

48 Elementary Schools

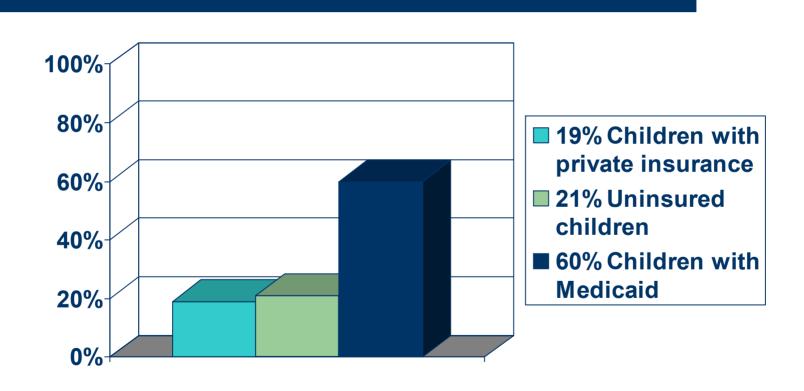
• Y3 -2006-2007

59 Elementary Schools

Population Served

82% of the Boston Public Schools' second and third grade families in our program are eligible for the free and reduced lunch program

Insurance Status



Evidence Based

Based on the study by Dr. Jane Weintraub: <u>Efficacy in Preventing Early Childhood</u> <u>Caries</u>

Fluoride Varnish Applications were introduced in Y-2

Cost of Fluoride Varnish in 2005-2006

Number of FVs applied	1178
Cost of one FV application (Materials & Labor)	X \$2.70 Application
Total cost of FVs applied	\$3,180

Potential Revenue for FV Applications

Number of FVs billable to insurance (79%)	931
Medicaid fee	X \$20.70/FV
	Application
Billable Income	\$19,264
Minus cost of FV (100%)	- \$ 3,180
Billable income potential	
Net revenue	\$16, 084

Potential Revenue with FV applications

Fluoride Varnish- one application a year	Net Revenue \$16,084
Fluoride Varnish- two applications a year	Net Revenue \$32,168

Fluoride Varnish Applications

- Takes only 1-2 minutes to apply
- Nets \$18.00 an application
- Enhances Financial Viability of Sealant Program so that we may work towards a self sustaining program

Fluoride Varnish

WIN-WIN SITUATION

FV not only improves financial viability of our Smart Smiles program but most importantly prevents tooth decay in our Boston Public Schools' Children



Thank You!