Conflicts of Interest

This program and the facilitators do not have a financial association with any company that markets fluoride products.
Early Childhood Caries

- Most common chronic disease of childhood
- Primary care providers offer pivotal role
Recommendations

- U.S. Preventive Service Task Force (USPSTF) recommends that primary care clinicians apply fluoride varnish to the primary teeth of all infants and children starting at the age of primary tooth eruption (Level B Evidence).
- Bright Smiles for Babies
2018 patient eligibility report, identified a pool of age-eligible patients between 6-36 months.

- 79% had documented well child visits
- 38% received the recommended fluoride varnish treatment

Opportunity for interjecting education and process changes to improve Carilion’s ability to meet an existing national standard of care.

Fluoride Varnish

- Significantly reduce caries in young children
- Inexpensive
- Straightforward office procedure
- Reimbursable
Identified Clinics for Trainings (18)

- Prioritized by participants in the education of VTCSOM students and Carilion Clinic residents
- Serviced by our region’s dental hygienist point of contact from the Virginia Department of Health
Trainings

- In medical office
- Meal provided
- PowerPoint presentation
- Opportunity to practice fluoride varnish application on peers
- Samples provided
“Smart Smiles at the Doctor” Participation

February 2019:
1 Session
11 Participants

May 2019:
6 Sessions
75 Participants

June 2019:
4 Sessions
71 Participants

July 2019:
3 Session
31 Participants

August 2019:
1 Session
7 Participants
Training Participants

2 Surveys
- VDH
- Smart Smiles at the Doctor

Oral Health Campion

“Other” included:
- CMA 21
- Manager 3
- MA 2
- HAA 1
- HHA 1
- MLT 1
- Clinical Assistant 1
- Clinical Lead 1
- Practice Manager 1
- Scribe 1
1: How clearly was the information presented at this training?

- 3% Poor
- 27% Average
- 69% Good

2: Please rate your overall experience at today’s session

- 8% Poor
- 28% Average
- 64% Good

N = 174
VDH Survey: Participant Satisfaction

Was the material effective in helping staff understand the need for collaboration between dental and medical providers?

0 = No, 0%

1 = Yes, 92%

2 = Yes, But further information would be helpful, 7%

3 = No, I am still not sure this is for my office, 1%

N = 174
### VDH Survey: Application

Please indicate whether this training increased your likelihood of applying the following practice skills or techniques:

<table>
<thead>
<tr>
<th>Practice</th>
<th>Likelihood</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Oral health anticipatory guidance</td>
<td>99%</td>
</tr>
<tr>
<td>2: Oral health risk assessment</td>
<td>99%</td>
</tr>
<tr>
<td>3: Fluoride varnish application</td>
<td>98%</td>
</tr>
<tr>
<td>4: Oral health screening</td>
<td>98%</td>
</tr>
<tr>
<td>5: Referral to a dental provider</td>
<td>98%</td>
</tr>
</tbody>
</table>

Would you be interested in access to an online module to train new staff?

- 67%

N = 174
## Smart Smiles at the Doctor Survey

### Barriers to pediatric oral health assessment and application of fluoride varnish

<table>
<thead>
<tr>
<th>Barrier</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: Not previously trained</td>
<td>63%</td>
</tr>
<tr>
<td>2: Uncooperative child</td>
<td>43%</td>
</tr>
<tr>
<td>3: Concern about patient out-of-pocket cost</td>
<td>27%</td>
</tr>
<tr>
<td>4: Parental decline</td>
<td>23%</td>
</tr>
<tr>
<td>5: Unclear about dental resources and referral options</td>
<td>20%</td>
</tr>
<tr>
<td>6: Lack of nursing flexibility and peer support to do procedure</td>
<td>18%</td>
</tr>
<tr>
<td>7: Unclear about coding and billing</td>
<td>16%</td>
</tr>
<tr>
<td>8: Practice guidelines are unclear</td>
<td>9%</td>
</tr>
<tr>
<td>9: Availability/location of supplies</td>
<td>9%</td>
</tr>
<tr>
<td>10: Lack of EPIC documentation tools</td>
<td>7%</td>
</tr>
<tr>
<td>11: Uncomfortable discussing oral health</td>
<td>7%</td>
</tr>
<tr>
<td>12: Practice/procedure not supported</td>
<td>2%</td>
</tr>
</tbody>
</table>
Follow-Up

• Challenges
  • Pediatric numbers in practice
  • CMAs not able to apply
  • Ordering fluoride
  • Documentation in EMR
  • Billing and coding
  • Unclear if had dental homes
Collaboration is Key
Between…

- Medical and dental homes
- Providers, dental and nursing leadership
- Departments
- Providers and nursing
- Patients

Pediatric Patient Volume Impacts Buy-In

% of CMAs in Practice Application Restrictions

Educational Resources
On-boarding new providers and nursing
Parents/caregivers

Documentation, Billing and Coding
System-wide EMR templates
Resources

AAP resource: I Like My Teeth
http://ilikemyteeth.org/

Smiles for Life (modules 2 and 6)
www.smilesforlife.org

AAP Oral Health (modules 3, 5, and 6)
http://www2.aap.org/ORALHEALTH/pact/index.cfm

Other resources:
Virginia Department of Health
http://www.vdh.virginia.gov/livewell/programs/oralhealth/

Maternal Child Health Bureau
www.mch.oralhealth.org

American Academy of Pediatric Dentistry
www.aapd.org
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