Public Health Dentistry in Georgia

Presentation at: Unmet Oral Health Needs, Underserved Populations, and New Workforce Models: An Urgent Dialog

Presented by: Carol Smith

Date: 7/17/12
– Oral Health Unit
  • Budget
    – State Funding
    – MCH Federal Funding
    – CDC Georgia Oral Disease Prevention Infrastructure Program
    – Medicaid Reimbursement
Georgia Public Health Districts
Public Health Focus

• Prevention- Best Practices and Evidence-Based Services: Community Water Fluoridation-School Based Programs
• Surveillance
• Education
• Screening and finding dental homes
• Partnering and Collaboration- Oral Health Coalition and working with WIC/Pregnant Medicaid Moms, HIV programs, Teledentistry and the University and Dental Hygiene Programs
• Increase in adult oral health service needs
| District 1-1 | 1 Fixed Clinic |
| District 1-2 | 3 Fixed clinics |
| District 2-0 | 12 Fixed clinics |
| District 3-1 | 1 Fixed clinic |
| District 3-2 | 8 Fixed clinics |
| District 3-3 | 1 Fixed clinic |
| District 3-4 | 5 Fixed clinics |
| District 3-5 | 5 Fixed clinics |
| District 4-0 | 1 Fixed clinic |
| District 5-1 | 1 Fixed clinic |
| District 5-2 | 1 Fixed clinic |
| District 6-0 | 3 Fixed clinics |
| District 7-0 | 1 Fixed clinic |
| District 8-1 | 0 Fixed clinics |
| District 8-2 | 1 Fixed clinic |
| District 9-1 | 0 Fixed clinics |
| District 9-2 | 2 Fixed clinics |
| District 10-0 | 0 Fixed clinics |
Surveillance

- Youth Risk Behavior Survey
- Third Grade Survey
- BRFSS- Behavior Risk Factor Surveillance System
- Pregnancy Risk Assessment Monitoring Survey
- Head Start data
- Public Health Access Data Base
- SEALS CDC Sealant Data
- NEW- Older Adult Basic Screening Survey
How Can All Stakeholders Work Together for the OH Services in Georgia

• 2008 Re-establish the Oral Health Coalition in Georgia
  A diverse membership in its make-up provides a tremendous opportunity for reaching the goals in the members determine are priorities and

• This Coalition gives a diverse membership a safe place for discussion where members can have an open dialog about oral health services in Georgia
Progress - April 2009 “Policy Tool” - SWOT Analysis of What Can Be Done

• The Coalition is not active in advocacy or legislative issues, but educates the members and other interested parties on oral health issues and is a place for organizations to bring their concerns and if a provider discuss the services they provide.
• State Oral Health Plan
• Coalition Website
• State oral services mapping
• Leading to a State Oral Health Summit, 8/13/12
Coalition Website

- State low income clinics/Public health programs/Free private practice events/Mission for Mercy events/GDA events can post on this site
- Mapping of oral health services in GA will be available
- Oral Health literacy fact sheets will be available.
- A site where collaboration of dental services for the citizens of GA is the “to go to site”.

We Protect Lives.
Next Step

• Regional Coalitions developed out of the Summit break out sessions
• Action Steps for the State Oral Health Plan
• Community action focusing on regional needs:
  – Diverse language oral health literacy education
  – School based programs
  – Adult services
  – Parent education
  – Volunteer opportunities
  – Community funding through collaborative activities
### 2005 versus 2011: Summary of Changes

Change in prevalence of oral health indicators among children participating in two statewide surveys: Georgia, 3rd Grade Oral Health Basic Screening Survey, 2005 and 2011

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2005</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>History of tooth decay</td>
<td>56</td>
<td>52</td>
</tr>
<tr>
<td>Untreated tooth decay</td>
<td>27</td>
<td>19</td>
</tr>
<tr>
<td>Protective sealants</td>
<td>39</td>
<td>37</td>
</tr>
<tr>
<td>No dental treatment needs</td>
<td>73</td>
<td>81</td>
</tr>
</tbody>
</table>

Note: Error bars represent 95% confidence intervals.

- ✓ Decline in history of tooth decay among 3rd grade children from 2005 to 2011 is not significant.
- ✓ Decline in prevalence of untreated tooth decay among 3rd grade children was significant.
- ✓ Percent of 3rd grade children with protective sealants remained unchanged.
- ✓ Increase in proportion of 3rd grade children with no dental treatment needs is significant.

*We Protect Lives.*
Untreated Tooth Decay: Georgia vs. HP2010

- 19% of 3rd grade children in Georgia have untreated tooth decay.

- This represents a significant decrease from 2005.

- Georgia has met the Healthy People 2010 objective.

Notes:
- Relative to 2005, there was progress across all demographic groups.
- However, low-income children and black children have yet to meet the Healthy People 2010 target.
Untreated Tooth Decay: By Selected Characteristics

Percent of 3rd graders who have untreated tooth decay by selected characteristics -- Georgia, 2011

- Low-income: 23%
- High-income: 12%
- Black: 21%
- White: 17%
- Hispanic: 23%
- Non-Hispanic: 18%
- Boy: 19%
- Girl: 19%
- Rural: 19%
- Urban: 19%
Protective Sealants: Georgia vs. HP2010

- 37% of 3rd grade children in GA have protective sealants on their 1st permanent molars.
- This is not different from the 2005 estimate.
- No progress has been made toward the Healthy People 2010 objective.
Consumption of sugar-sweetened beverages (Data from the 3rd Grade Survey)

• Nearly 23% of 3rd grade children in Georgia drink 3 or more sugar-sweetened beverage servings per day.
  – By comparison, more than 85% drink one or more sugar-sweetened beverage servings per day.

• Low-income children are more likely to drink 3 or more servings of sugar-sweetened beverages, compared to high-income children.

• Rural children are more likely to drink 3 or more serving of sugar-sweetened beverages, compared to urban children.
One Organization Cannot Meet the Needs of the Population

• We must continue the dialog
• We must partner for the common interest for a healthier Georgia
• None of us is in this alone
• We do know prevention works, is efficient, but needs to reach the populations.
• The challenge does not belong to one organization we are all here to own it
• Thank you for everyone here facing the challenge