Florida Oral Health Alliance
Meeting
Tuesday, July 2, 2019

Twitter: @FL_OH_Alliance
#OPENFL
Result:
All Florida children, youth and families have good oral health and well-being, especially those that are vulnerable.
Headline Indicator #1: Percentage of Medicaid-eligible Children Ages 0 - 20 Receiving any Dental Services

Source: Florida Form CMS-416 line 12a data retrieved in July 2018 from the Florida Institute for Health Innovation.
Headline Indicator #2: Percentage of Medicaid-eligible Children Ages 1 - 20 Receiving Preventive Dental Services

Source: Florida Form CMS-416 line 12b minus <1 data retrieved in July 2018 from the Florida Institute for Health Innovation.
Meeting Results

By the end of the meeting, participants will have:

- Gained a greater understanding of the barriers that families with special needs children continue to face when trying to access adequate oral health care and what is being done to address these barriers.
- Examined a growing body of evidence demonstrating diseases of the mouth that can result from e-cigarette usage and how this is impacting minors.
- Received updates from the OPEN Network with further opportunities to travel and connect with state and national Network partners in the coming weeks and months.
Oral Health and Disabilities
Who is Allison Rapp?

- MPH, CHES
- Special Projects Manager, Health Council of West Central Florida
- Consultant, Tampa Bay Healthcare Collaborative
- 4.5 years with Special Olympics Florida Healthy Communities
  - Health Promotion Regional Clinical Director
Factors Affecting the Health of People with Disabilities and without Disabilities

<table>
<thead>
<tr>
<th>Social</th>
<th>People without Disabilities</th>
<th>People with Disabilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed</td>
<td>8.7%</td>
<td>15.0%</td>
</tr>
<tr>
<td>Victim of violent crime</td>
<td>21.3%</td>
<td>32.4%</td>
</tr>
<tr>
<td>Cardiovascular disease (18-44 year olds)</td>
<td>7.4%</td>
<td>12.4%</td>
</tr>
<tr>
<td>Health and Health Risk Behaviors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obese</td>
<td>34.2%</td>
<td>44.6%</td>
</tr>
<tr>
<td>Current smoker</td>
<td>18.0%</td>
<td>28.8%</td>
</tr>
<tr>
<td>Engage in no leisure-time physical activity</td>
<td>32.2%</td>
<td>54.2%</td>
</tr>
<tr>
<td>Access</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women current with mammogram</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not receiving needed medical care (due to cost)</td>
<td>12.1%</td>
<td>27.0%</td>
</tr>
</tbody>
</table>
Barriers of different types of Disabilities

- Intellectual/developmental
  - Cognitive, anxiety

- Physical
  - Physical ability to perform tasks but often able to fully understand tasks

- Other
  - Auditory, visual
  - Neuromuscular, uncontrolled body movements, reflux (sensitivity/erosion)
  - Seizures-bite teeth, tongue or cheeks
  - Cardiac disorders are common (pre-treatment antibiotics)

- Regardless of disability type, possess the same challenges as all other groups
Provider Barriers

- Medicaid Providers
- Lack of training, comfort level, experience/exposure
- Assumption of need to sedate in order to treat
- Refusal to see patients with intellectual disabilities regardless of payment type
- Often don’t qualify for free services because they do receive something (Medicaid, Medicare, private insurance)
  - Not enough
Adults vs. children

- Some of the same barriers
- Living longer than ever!
- Adults with disabilities, used to be children with disabilities, a long history of poor oral health leads to worse outcomes for adults
- Less opportunity for intervention (schools, insurance)
- Transportation
  - Children often have someone, that is responsible for taking them
Contact: Allison Rapp
arapp@hcwcfll.org

References
- https://www.nidcr.nih.gov/health-info/developmental-disabilities/more-info
eEpidemic: Vaping and Youth

Presented by:
Ron Davis
State & Community Interventions Supervisor
Tobacco Free Florida
AGENDA

Tobacco Free Florida

Creating an Epidemic

ENDS Basics & Risks

JUUL

Current Data & Trends

Help to Quit

What You can Do
Tobacco Free Florida

Working to protect the people of Florida from the dangers of tobacco.
What are ENDS?

- Electronic Nicotine Delivery Systems
- Electronic cigarette, e-cigarette, vaporizer, vape pen, e-hookah, vape
- Brand names: JUUL, Blu, Vuse, NJoy
- Wide variety of shapes, sizes, styles and colors
Harmful Substances in Aerosol

- Volatile organic compounds
- Ultrafine particles
- Nicotine
- Cancer-causing chemicals
- Heavy metals such as nickel, tin, and lead
- Flavoring such as diacetyl, a chemical linked to a serious lung disease

Image: CDC
Cessation Devices?

- No product standards
- Limited regulation
- Wide array of devices, cartridges, liquids
- Nicotine inconsistent with labeling
- not an approved cessation device
ENDS Risks

- Nicotine Addiction
- Dual Use
- Device Explosions
- Nicotine Poisoning
- The Unknown Effects
- Oral Health Risks
Nicotine

Almost all ENDS contain nicotine

0% nicotine or “nicotine free” label is no guarantee

Many youth don’t realize - all JUUL pods contain nicotine
Nicotine

Nicotine is highly addictive.

Nicotine addiction is the reason that half of all smokers die.

Nicotine is not the primary cause of most smoking related disease.
Nicotine

Cardiovascular Effects

- Nicotine directly affects heart rate and rhythm.
- Nicotine impairs dilation of blood vessels; in coronary arteries this may contribute to smoking-related heart disease.
- Nicotine also raises serum cholesterol and increases clot formation.
Youth Nicotine Use

- Nicotine disrupts circuits that control attention and learning in the brain

Other risks
- Nicotine addiction
- Mood disorders
- Permanently reduced impulse control
Dual Use

Youth who used e-cigarettes were 4x more likely to start smoking.

Youth who use e-cigarettes are more likely to use other forms of tobacco products.

Overall nicotine intake and nicotine dependence may increase.
Explosions

[Images of individuals injured after explosions]
Electronic Cigarette and Liquid Nicotine Cases

All Ages.

<table>
<thead>
<tr>
<th>Year</th>
<th>Cases</th>
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</thead>
<tbody>
<tr>
<td>2013</td>
<td>1540</td>
</tr>
<tr>
<td>2014</td>
<td>4011</td>
</tr>
<tr>
<td>2015</td>
<td>3733</td>
</tr>
<tr>
<td>2016</td>
<td>2899</td>
</tr>
<tr>
<td>2017</td>
<td>2470</td>
</tr>
<tr>
<td>2018</td>
<td>3137</td>
</tr>
<tr>
<td>2019</td>
<td>1722</td>
</tr>
</tbody>
</table>
Unknown Effects of ENDS Use

- Ethyl butanoate
- 3-Hexen-1-ol
- Diacetyl
- Limonene
- p-Anisaldehyde
- acetyl propionyl
- Benzyl Alcohol
- Octalactone
- Ethyl hexanoate
- Linalool
- Allyl hexanoate
- Benzaldehyde
- Isopulegol
- vanillin
- Corylone
- Ethyl Maltol
- Ethyl Anthranilate
- Piperitone
- Ethyl hexanoate
- Vanillin
- Hydrocoumarin
- Pulegone
- Thymol
- β-Damascone
- Undecalactone
- Hydroxyacetone
- Strawberry Glycidate_A
- β-Pinene
- β-Pinene
- 4-Terpineol
- Dodecalactone
- Benzaldehyde
- Benzoylecgonine
Bronchiolitis Obliterans
Popcorn Lung

Incurable condition causing severe damage to the lungs

- Associated with excessive inhalation of diacetyl
- Diacetyl = buttery flavor
- Commonly found in many ENDS flavors
- Could vaping diacetyl cause popcorn lung?
Flavoring Chemicals – JUUL Mango

- Allyl hexanoate
- Limonene
- Ethyl Maltol
- Benzyl Alcohol
- Linalool
- Ethyl Anthranilate
- Octalactone
- 3-Hexen-1-ol
- Dodecalactone
- Ethyl butanoate
- Undecalactone
- Ethyl hexanoate
- Menthol
- Hydroxyacetone
- Strawberry Glycidate_A
- Vanillin
Nicotine, Vaping and Oral Health

Vaping may damage gingival epithelial cells

“Damage to the defensive barrier in the mouth can increase the risk of infection, inflammation, and gum disease. Over the longer term, it may also increase the risk of cancer.”

- Dr. Mahmoud Rouabhia
Nicotine, Vaping and Oral Health

E-liquids may damage fibroblasts

“Within its limits, the present in vitro study demonstrated that menthol additives of e-smoking have a harmful effect on human periodontal ligament fibroblasts.”
Nicotine, Vaping and Oral Health

Flavorings appear to exacerbate cell damage

“Overall, our data suggest the pathogenic role of e-cig aerosol to cells and tissues of the oral cavity, leading to compromised periodontal health.“

- Dr. Irfan Rahman
Nicotine, Vaping and Oral Health

Xerostomia, a.k.a. dry mouth

Stomatitis - inflammation of the mucous membrane of the mouth.

Ulcerations and/or burns – may be chemical burns
Youth Vaping
Current Trends
Surgeon General’s Advisory on E-cigarette Use Among Youth

The E-cigarette Epidemic Among Youth

Unfortunately, I now have good reason to believe that it’s reached nothing short of an epidemic proportion of growth.

I use the word epidemic with great care. E-cigs have become an almost ubiquitous – and dangerous – trend among teens. The disturbing and accelerating trajectory of use we’re seeing in youth, and the resulting path to addiction, must end. It’s simply not tolerable. I’ll be clear. The FDA won’t tolerate a whole generation of young people becoming addicted to nicotine as a tradeoff for enabling adults to have unfettered access to these same products.
Youth Smoking Prevalence (High School)

- FL-High School
- U.S.-High School
The Problem in Florida

Current Vaping Among Youth

Source: Florida Youth Tobacco Survey 2014-2018
The Evidence

Vaping Among Committed Never Smokers

E-Cig Use can lead to use of traditional tobacco products

Making an Epidemic

- Flavored products
- Product innovation
- Aggressive marketing
Flavors and Youth

From an internal memo titled, *Youth Cigarettes – New concepts:*

“It’s a well known fact that teenagers like sweet products. Honey might be considered.”

Brown & Williamson 1972
Flavors and Youth

• Flavors mask the harsh taste of nicotine.

• Some e-cigarette flavorings may be safe to eat but not to inhale because the gut can process more substances than the lungs.

• E-cigarettes contain different mixtures of chemicals including diacetyl, heavy metals and volatile organic compounds.
E-Cigarette flavors

Tobacco companies purposefully create e-cigarette flavors that appeal more to kids.
E-Cigarette snack food flavors
E-Cigarette Candy flavors
Making an Epidemic

- Flavored products
- Product innovation
- Aggressive marketing
Product Innovation

Hundreds of ENDS device designs are available.
JUUL – the new kid who took over the block
The Rise of JUUL
Product Innovation
Sleek product design
Convenient JUUL POD system
Nicotine salts
JUUL Copycats

JUUL
38% owned by Altria

Blu
Imperial Tobacco

Vuse
RJ Reynolds
Making an Epidemic

- Flavored products
- Product innovation
- Aggressive marketing
Aggressive marketing

Marketing, advertising and public relations efforts targeting teens and young adults.
JUUL Marketing

Youth Focused Launch Parties
JUUL Marketing

Sampling Events
JUUL Marketing

Print Media
JUUL Marketing

Social Media
JUUL Marketing
Youth Influencers
What can you do to help?

- Share resources
- Educate patients
- Recommend use of proven cessation methods
- Refer them to Tobacco Free Florida
Share Resources

- New Materials for youth and adults
Share Resources

- FDA “The Real Costs” campaign
- truth youth e-cigarette quitting program
  - Text QUIT to (202) 804-9884
Educate patients

- Ask about vaping / smoking
- Show Signs of damage
- Advise about potential harms
- Refer to approved cessation resources
Quit Your Way Services
TOBACCO FREE FLORIDA SERVICES

Tobacco Free Florida

There are many reasons to quit tobacco

Our Mission

Working to protect the people of Florida from the dangers of tobacco.
TEAM UP TO QUIT

IN-OFFICE RESOURCES:

QUIT TOBACCO TODAY

Tobacco Free Florida has a variety of materials to help you advise your patients about quitting tobacco. Simply click below for more information and to order. Specialty provider materials are also available upon request. Please email media@tobaccofreeflorida.com for more information.

ONLINE ORDER FORM

PROVIDER FAX REFERRAL FORM
Download the Provider Fax Referral Form for patients who are ready to quit within the next 30 days and fax it to 1-866-588-7577.

DOWNLOAD

BEENEFITS OF QUITTING POSTER
Show your patients the short-term and long-term health benefits of quitting smoking with this poster for the waiting room or exam room.

DOWNLOAD

QUIT TOBACCO TODAY BROCHURE
Provide your patients with a brochure featuring quit tips and information about Tobacco Free Florida’s free tools and services.

DOWNLOAD

QUIT TIP BROCHURE
Help your patients quit and overcome nicotine withdrawal by providing them with resources, tools and tips found in this Brochure.

DOWNLOAD
Quit Your Way

- Developed to remove barriers to quit services
- All services free to Floridians
- Phone, web, text quit for age 17 and under (no NRT)
- Group Quit, age 18+, with NRT (if medically appropriate)
- Each Quit Your Way service is available two times in a fiscal year (July-June)
TEXT2QUIT
Receive tips, games and reminders

EMAIL TIPS - Get the tools and tips on how to quit tobacco and receive professional advice via email

QUIT GUIDE - A practical and resourceful Quit Guide to help you build your plan to quit

2 WEEK STARTER KIT - Two weeks of free nicotine replacement patches, gum or lozenges to help you quit your addiction (If medically appropriate & 18 years of age or older)
Thank You
Alignment Network Update

- Last year Oral Health 2020 (largely funded by the DentaQuest Foundation, now the DentaQuest Partnership), rebranded and became the Oral Health Progress and Equity Network (OPEN)

- As a result of the name change, the Florida Alignment Network is now the OPEN Florida Alignment Network!

- This year’s Network-Wide project is titled: Connect for Strength, Connect for Success.

- We are being asked to engage at least nine new stakeholders between now and mid-October (there is spirited competition among states) - your help is needed!
  - Foster collaboration via Network tools - Socious, State Page, Virtual Map
  - Host a “town hall” (by 9/30/19)
  - Complete a state’s needs templates

- For more information on getting involved, contact Carrie Hepburn at carrie@onyxscllc.com
Upcoming Meetings

- Next meeting is currently scheduled for:
  - Friday, August 16th 2019
  - How does this timing work for the group?
Learning Opportunities

National Association of County and City Health Officials (NACCHO) Annual Conference

July 9th-11th

Location: Hilton Orlando Bonnet Creek Resort.
  14100 Bonnet Creek Resort Ln, Orlando, FL 32821

The theme, “Improving the Nation’s Health through Public and Private Partnerships,” will highlight the importance of cross-sector partnerships to improve health outcomes in communities throughout the country.

For more info and registration, visit http://www.nacchoannual.org
Learning Opportunities

- The DentaQuest Partnership has completed the process of joining the former DentaQuest Institute & DentaQuest Foundation websites www.dentaquestpartnership.org.

- The main navigation of the website is structured by the four core elements of the DentaQuest Partnership: Grantmaking, Care Improvement, Research and Thought Leadership. Viewers can also find the following:
  - A newsroom where you can view the latest DentaQuest Partnership updates and access copies of DQ's previous newsletters
  - An events page that lists upcoming speaking engagements and other events DQ is participating in/supporting
  - An Online Learning Center where you can access a variety of free resources and learning opportunities
Learning Opportunities

- **DentaQuest Partnership Online Learning Center**
  - A hub of learning and resources for care professionals interested in prevention and disease management protocols.
  - The DentaQuest Institute provides free webinars and online learning opportunities throughout the year. New webinars and sessions will be added frequently, so please check back to see what is available.
    - Visit [https://www.dentaquestinstitute.org/learn/online-learning-center](https://www.dentaquestinstitute.org/learn/online-learning-center)
Learning Opportunities

- **2019 OPEN Grassroots Summit**
    - Location: The Dupont Circle Hotel
      - 1500 New Hampshire Ave NW Washington, DC 20036
  - Please reach out to Network Support Team (NeST) members or the DentaQuest Partnership team with questions, comments, and ideas!
  - Contact your Grants Manager for more info on how to attend.
Learning Opportunities

- **2019 OPEN Nationals!**
- **October 23-25, 2019.**
  - Location: Baltimore, MD
  - Please reach out to Network Support Team (NeST) members or the DentaQuest Partnership team with questions, comments, and ideas!
  - Contact your Grants Manager for more info on how to attend.
Learning Opportunities

The OH2020 Network is now the Oral Health Progress and Equity Network!
Sign up for the OPEN Network’s e-community to get the latest news and updates on impact being made across the country, participate in webinars, access resources and technical assistance from experts and make new connections and share your own learnings with hundreds of others working to make our country healthier.

- Register: http://www.oralhealth.network
- Join the Florida State Page!