

2019 USPHS Symposium
Wednesday, May 8
Dental Category Agenda

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8:00 AM - Opioids & Oral Health: What can we do as dentists

9:00 AM ***Dr. Harold Tu, DMD, MD, FACS***

The United States is experiencing a dramatic increase in overdose drug deaths especially involving opioids. A discussion on the current state of opioid epidemic both in the USA and Nebraska. An overview of Physician/Dentist prescribing behavior and its impact on the misuse, abuse, diversion and addiction to opioids. Among prescribers of opioids for adolescents, dentist are proportionately the most prevalent prescribers. The University of Minnesota School of Dentistry established NSAIDS/ acetaminophen as the first analgesic of choice for the management of acute pain of dental origin. The course will provide an overview of the protocol as well as the results of the the mandated non-opioid protocol on prescriber behavior and patient pain management outcome.

At the conclusion of this session participants will be able to:

1. Overview of the current opioid epidemic; The state of the opioid epidemic in Minnesota
2. Discuss medicine/dentistry's role and prescriber behavior; Overview of UM School of Dentistry pain management protocol
3. UM School of Dentistry's data on changes in institutional prescriber behavior

9:00 AM - Practical Oral Surgery Tips for the General Dentist

10:00 AM ***Dr. Robert Nadeau, DDS, MD, FACS***

At the conclusion of this session participants will be able to:

1. Discuss potential complications with simple extractions and ways general dentists can avoid these complications.
2. Compare and contrast the effectiveness of different local anesthetics and anesthetic methods used in oral surgery.
3. Describe post-operative care for the oral surgery patient, including pain management recommendations.

10:15 AM - Exhibit Theater: Thermo Fisher Scientific - Asthma Guidelines and How Systemic Inflammation
10:45 AM Can Impact their Differential

11:15 AM - Exhibit Theater: Arizonans Concerned About Smoking - Health Leadership Award Ceremony
11:45 AM

12:00 PM - A Year in Review

1:30 PM ***RADM Timothy Ricks, DMD, MPH***

At the conclusion of this session participants will be able to:

1. Describe the role of the USPHS within organized dentistry
2. List the six priorities of the U.S. Surgeon General;
3. Describe progress made towards the CPO's strategic priorities.

1:30 PM - Dental Category: Past, Present, and Future

2:00 PM **RADM William Maas, DDS, MPH; RADM (ret.) Christopher Halliday, DDS, MPH**

This panel discussion will provide an overview of each of the Chief Dental Officers' tenures and help provide a vision for the future of the USPHS Dental Category.

At the conclusion of this session participants will be able to:

1. List at least two issues that have remained as top priorities across the past 40 years of the Dental Category;
2. Describe the history of the Dental Category in terms of the number of officers, historical roles of officers, deployments, etc.
3. Discuss at least three barriers or challenges of the Dental Category for the next decade.

1:30 PM - USPHS Dental Category: Past, Present, and Future

2:00 PM **RADM Timothy Ricks, DMD, MPH**

Panel discussion with former CPOs

At the conclusion of this session participants will be able to:

1. Describe at least two historical challenges of the Dental Category.
2. List 5 former Chief Professional Officers.
3. Discuss the history of the Dental Category, including major public health topics encountered/addressed over the past 20 years.

2:15 PM - Reducing Oral Health Disparities in the U.S

2:45 PM **Dr. Gina Thornton-Evans, DDS, MPH**

Background: The burden of oral disease among children and adolescents, specifically for untreated dental caries, has declined from 1999-2004 to 2011-2016. However, for working age adults, untreated dental caries has remained roughly the same. This presentation will highlight changes in prevalence and disparities among children, adolescents, and adults related to select oral health indicators, such as untreated dental caries, periodontitis, oral and pharyngeal cancer, and tooth loss.

Methods: This study uses data from the National Health and Nutrition Examination Survey (NHANES), National Program of Cancer Registries (NPCR)/Surveillance, Epidemiology, and End Results Program (SEER), and the Medical Expenditure Panel Survey (MEPS).

Results: Untreated dental caries has declined about children and adolescents. Among older adults, untreated dental caries and tooth loss has declined. Over 40% of adults aged 30 years and older have some form of periodontitis. Oral and pharyngeal cancer is detected later in males and non-Hispanic blacks. Patterns of dental utilization have also varied across the lifespan.

Conclusions: Improvements in untreated dental caries among children and adolescents

are likely contributed to preventive dental services, such as dental sealants. Disparities by race/ethnicity and income persists for all age groups. Oral health conditions can impact overall quality of life and for adults in particular, influence the capacity to maintain a functional dentition.

At the conclusion of this session participants will be able to:

1. Describe prevalence of untreated dental caries, periodontal disease, tooth loss, and oral and pharyngeal cancer as it relates to different races/ethnicities, gender, and socio-economic class in the U.S.
2. Explain social and economic factors that contribute to low access to preventive dental services.
3. List at least three actions that USPHS oral health providers can take to advocate for reducing oral health disparities.

3:15 PM - Diagnosis, Use of Local Antibiotics, and Recall Intervals - Periodontics
3:45 PM **Dr. Daniel Skaar, DDS, MS, MBA**

Diagnosis, Use of Local Antibiotics, and Recall Intervals

At the conclusion of this session participants will be able to:

1. Describe the most recent periodontal diagnosis classification system.
2. Describe the indications and contraindications for use of local antibiotics (Arestin, Atridox, Periochip, etc.).
3. Discuss the rationale behind the initial periodontal recall and subsequent recalls.

4:00 PM - Alternative Dental Workforce Models: Dental Therapists in MN
5:00 PM **Dr. Karl Self, DDS, MBA**

Dental therapist are currently permitted to practice in eight U.S. states and in over 50 countries around the world. This presentation will provide an overview of dental therapy in Minnesota, the educational programs, and the impact that this new model is having in Minnesota.

At the conclusion of this session participants will be able to:

1. Describe the training curriculum for dental therapists in Minnesota.
2. Explain the scope of practice for dental therapy in Minnesota, and how that scope is different than dentists.
3. Describe the political climate of dental therapists in the U.S., the benefits of dental therapists, and how public health dentists can learn more about dental therapists.

5:00 PM - Dental Closing Remarks
5:15 PM