

**CONTINUING DENTAL EDUCATION**  
School of Dentistry  
University of Minnesota

***Oral Medicine Update***

*Friday*  
*November 7, 2008*

Cowles Auditorium, Hubert Humphrey Institute  
West Bank, Minneapolis Campus

**PRELIMINARY PROGRAM**

**MODERATOR:** Dr. Nelson Rhodus

**8:30 Oral Cancer Update**

***Dr. Frank Ondrey***

Epidemiology of oral cancer  
Clinical characteristics  
Early detection and screening adjuncts

**9:00 Leukoplakia and Other Precancerous Lesions**

***Dr. Michael Rohrer***

How do I know when to be concerned?  
Making a decision using Dr. Rohrer's danger signals

**9:30 PANEL: *Questions and answers about oral cancer and oral lesions which may lead to cancer.*** ***Drs. Ondrey & Rohrer***

**10:00 Refreshment break**

**10:15 Pharmacology: Major Drugs Causing Dry Mouth**

***Dr. Brian Isetts***

Update on pharmacists medication therapy management services  
Overview of the 2,000 drugs causing dry mouth  
Review of the major therapeutic categories causing dry mouth  
Discussion of management strategies

**10:45 Salivary Gland Dysfunction**

***Dr. Nelson Rhodus***

Identification of etiologies  
Functions of salivary glands

- how drugs affect salivary flow differentially
- components in the saliva that protect the oral cavity

Clinical manifestations of salivary gland dysfunction  
Treatment and management of xerostomia

- 11:30 **PANEL: Questions and answers pharmacology, dry mouth and salivary gland dysfunction.** ***Drs. Isetts & Rhodus***
- 12:00 Luncheon (included)
- 1:00 **Etiology of Bisphosphonate Osteonecrosis** ***Dr. Catherine Niewoehner***  
 Effects of bisphosphonates on bone turnover and repair  
 Osteonecrosis of the jaw (ONJ)—definition, settings, prevalence  
 ONJ—role of bisphosphonate toxicity to oral epithelium, suppressed bone remodeling, decreased angiogenesis, trauma, infection and pre-existing disease  
 Implications for treatment of osteoporosis
- 1:30 **Dental Implications of Bisphosphonate** ***Dr. Raj Gopalakrishnan***  
 Clinical and radiographic features of ONJ  
 Risk factors of ONJ  
 Diagnosis of ONJ  
 Treatment and dental implications of ONJ
- 2:15 **PANEL: Questions and answers about bisphosphonate osteonecrosis.** ***Drs. Gopalakrishnan & Niewoehner***
- 2:45 Refreshment break
- 3:00 **Infectious Disease Update** ***Dr. Tim Schacker***  
 AIDS update  
 New and emerging infectious diseases
- 3:30 **Antimicrobial Resistance** ***Dr. Jim Swift***  
 Overprescription of antibiotics—are dentists contributing to the problem?  
 Necrotizing fasciitis/flesh eating disease of the head & neck  
 Recalcitrant dental infections—managing osteomyelitis
- 4:00 **PANEL: Questions and answers about infectious diseases and antimicrobial resistance.** ***Drs. Schacker & Swift***
- 4:30 Adjourn

## SPEAKERS

**Rajaram Gopalakrishnan**, B.D.S., Ph.D., Assistant Professor, Division of Oral and Maxillofacial Pathology, Department of Diagnostic and Biological Sciences, School of Dentistry, University of Minnesota.

**Brian Isetts**, Ph.D., B.C.P.S., Associate Professor, College of Pharmacy, University of Minnesota.

**Catherine Niewoehner**, M.D., Professor, Department of Medicine, University of Minnesota Medical School.

**Frank Ondrey**, M.D., Ph.D., Associate Professor, Department of Otolaryngology, University of Minnesota Medical School.

**Nelson Rhodus**, D.M.D., M.P.H., Distinguished Professor and Director, Division of Oral Medicine, Oral Diagnosis and Oral and Maxillofacial Radiology, Department of Diagnostic and Biological Sciences, School of Dentistry, University of Minnesota; Diplomate, American Board of Oral Medicine.

**Michael Rohrer**, D.D.S., M.S., Professor and Director, Division of Oral and Maxillofacial Pathology, Department of Diagnostic and Biological Sciences, School of Dentistry, University of Minnesota.

**Tim Schacker**, M.D., Professor, Department of Medicine, University of Minnesota Medical School.

**James Swift**, D.D.S., Professor and Director, Division of Oral and Maxillofacial Surgery, Department of Developmental and Surgical Sciences, School of Dentistry, University of Minnesota; Diplomate, American Board of Oral and Maxillofacial Surgery.