

# October 2009 Seminar

*The Ernest J. Muszynski Memorial Lecture*

Wednesday, October 14, 2009

Location to be determined  
Continental Breakfast begins at 8:30 a.m.  
Program from 9:00 a.m. to 5:00 p.m.

## **Infection Control Update, and Occupational Respiratory Infections**

John A. Molinari, Ph.D.  
Professor and Chairman  
Department of Biomedical Services  
University of Detroit Mercy School of Dentistry  
Detroit, Michigan



**Course Description – Infection Control** – In December 2003, the U.S. CDC published their most recent *Guidelines for Infection Control in Dentistry*. That document along with recent updates concerning occupational healthcare worker infections will serve as frameworks for this presentation. Evidence-based information reflecting the most recent scientific and clinical data will be discussed to reinforce and expand the rationale for specific recommendations. Another major goal is to help dental professionals increase their understanding of both the "why" and the "what" of the most recent guidelines. This seminar's overall objective is to increase understanding of occupational microbial hazards, and to use that awareness as an impetus to routinely follow appropriate precautions designed to promote the highest safety standards for both healthcare workers and patients.

**Course Description – Occupational Respiratory Infectious Diseases: Aerosols, Spatter, and Precautions** – Airborne infections continue to be among the common reported transmissible diseases. The spread of microbial pathogens by droplets, aerosols, and spatter during provision of patient care have also historically presented occupational risks for health care professionals. While routine use of recommended precautions has been shown to be effective in reducing exposure to known respiratory infections, discovery and emergence of other airborne pathogens require continued assessment of cross-infection risks and infection control measures. This seminar considers representative viral and bacterial respiratory diseases, including as examples: influenza, Severe Acute Respiratory Syndrome (SARS), tuberculosis, and bacterial pneumonia. In addition, information pertaining to the emerging epidemiology, transmission patterns, and virology of avian influenza is featured. Respiratory infections are discussed using microbial characteristics, person-to-person cross-infection risks, epidemiological patterns, disease impact, and healthcare provider occupational

hazards. The use of appropriate precautions against respiratory pathogens is also evaluated in the context of emerging disease challenges and recommended protective approaches.

**About the Speaker** – Dr. John Molinari received a B.A. in Biology from St. Vincent College and a Ph.D. in Microbiology from the University of Pittsburgh School of Dental Medicine. He is currently Professor and Chairman of the Department of Biomedical Sciences at the University of Detroit Mercy School of Dentistry. Dr. Molinari has published over 300 scientific articles, text chapters and abstracts in the areas of Microbiology and Immunology, is a co-author of the text **PRACTICAL INFECTION CONTROL IN DENTISTRY**, and has lectured nationally and internationally on topics dealing with infectious diseases and dental asepsis. He also serves as a consultant for hospitals in the Detroit area and serves as a consultant to the ADA. Previously, he was the Project Coordinator for the governmental Health Resources and Services Administration Task Force on AIDS and Dental Education, and Chairman of the American Association of Dental Schools Curriculum Advisory Committee on Bloodborne Infectious Diseases. Dr. Molinari is also a consultant to the CDC in the areas of infectious disease and infection control. He is one of the founders of the Organization for Safety and Asepsis Procedures (OSAP) and Past Chairman of OSAP. Currently he is the Infection Control Section editor for **The Compendium of Continuing Education in Dentistry** and has been a member of the Editorial Board for the **Journal of the American Dental Association**.

In recognition of his efforts, Dr. Molinari has been inducted as an honorary member of The Michigan Dental Association, The International College of Dentists, The American College of Dentists, and served as Chairman of the State of Michigan Governor's Risk Reduction and AIDS Policy Commission.

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Registration information will be available in late 2008.