**LEARNING OBJECTIVES**

At the completion of this course the participants should be able to:

- To use the most current infection control recommendations for dentistry as reinforcement for clinicians of an effective, practical infection control program.
- Understand the routine and application of various infection control practices and protocols based on accumulated scientific- and clinical-based evidence and regulatory requirements.
- Comprehend the variety of acceptable product choices for accomplishing a infection control goals in a dental facility.
- Comprehend the historical and current challenges waterborne infections present to the population and healthcare facilities.
- Understand the unique coloniziation and pathogenic properties of microorganisms that promote cross-contamination and infection in susceptible hosts.
- Describe the dangers of public misperceptions against vaccines.
- Comprehend the overall impact vaccinations have had in protecting the population and individuals diagnosed with immune compromising conditions and diseases.
- Discuss the rationale for other representative vaccination recommendations, including homonal papilloma virus infections.
- Discuss the dangers of public misperceptions against vaccines.
- Describe the infectious disease characteristics and outbreaks of specific waterborne pathogens that challenge our health care infection control procedures.
- Discuss available approaches to control microbial colonization of waterlines in dental and medical settings.
- Comprehend the overall impact vaccinations have had in protecting the population against many infectious diseases.
- Discuss the latest CDC vaccine recommendations for health care professionals.
- Understand the rationale for other representative vaccination recommendations, including homonal papilloma virus infections.
- Discuss the dynamics of public misperceptions against vaccines.

**REGISTRATION FORM**

Cost: $285 for Dentists / $185 for RDHs and Aux. / U.S. Funds
$145 for Staff attending w/ Dr. (details in yellow burst on reverse side) 
Late Fee Add $10/registration if after Friday, July 19, 2019.

Please clearly enter your name as it appears with the State Board of Dental Examiners for your CE credit.

**TERMS OF POLICY.**  
Refunds / Cancellation Dates: Fees are policy on reverse side.  
Please mail or fax registration form with payment to:

Please mail or fax registration form with payment to:

City / State / Zip Code
Fax: (603) 736-9208
Phone: (603) 736-9200 • Fax: (603) 736-9208

Confirmations & Hotel Directions will be mailed 10 business days prior to the seminar.

**Let’s Talk About Infection Control**

This seminar will discuss the current infection control regulations and recommendations for dentistry. The most current CDC Guidelines for Infection Control in Dentistry, along with updated data regarding health care risks, and preventive measures, will serve as frameworks for this presentation.

Evidence-based information also will be discussed to address certain issues where perceptions and misuse of infection control procedures and products are in conflict with scientific and clinical knowledge. A major goal of this presentation is to help dental professionals increase their understanding of the "why" as well as the "what" of infection control practices.

**The Challenges of Waterborne Infections: A Microbiology Perspective**

Infections caused by waterborne microorganisms are among the most harmful to global health. These include diseases caused by a variety of bacteria, protozoa, viruses, and other parasites. They are able to proliferate in many natural water sources, as well as man-made systems designed to provide potable water for public and health care use. An initial overview of the principles and epidemiology associated with waterborne infections will be followed by discussion of representative, clinically important pathogens and the challenges they present to healthcare settings and the general population. With specific regard to dentistry, comprehensive infection prevention recommendations now address the potential for colonization and contamination of dental treatment water. Emphasis here will focus on current waterborne microbial challenges, including Pseudomonas, Legionella pneumophila, and nontuberculous Mycobacteria (NTM) species.

**Vaccine Recommendations: Science, Success & Myths**

This seminar will consider vaccination as an effective public health infection control approach for prevention of both the general population and health care professionals. Emphasis will focus on the most recent updated information pertaining to vaccines used in the prevention of adult infectious disease, especially those with increased occupational health care risks. Discussion concerning recent public health vaccine recommendations, such as those targeting shingles and human papilloma virus (HPV) will also be included. The rationale and classification of available vaccines and emerging technologies will be discussed in order to provide participants appropriate scientific and clinical evidence, which can be useful when considering the necessity for their own protection, as well as protection of the general public and individuals diagnosed with immune compromising conditions and diseases. In addition, important information will be presented concerning certain public misperceptions against vaccines which threaten their documented global success against many preventable infectious diseases.

**Coffee Break**

**Lunch (12:30 - 1:00 pm)**

**III. Vaccine Recommendations**

A. Public health impact
B. CDC recommendations
C. Public Health Knowledge
D. Implications for dental water sources

**II. The Challenges of Waterborne Infections**

A. Waterborne diseases overview
B. Outbreaks and characteristics
C. Waterborne infections in health care
1. Medical outbreaks and sources of cross-infection
2. Representative pathogens
D. Implications for dental water sources

**I. Let’s Talk About Infection Control**

A. Current guidelines, recommendations overview & exposure control plan for dental practice - CDC, ADA, OSHA
B. Current Statistics - Hepatitis-C
C. Aseptic Techniques - hand hygiene
D. Post-Exposure Management Protocols

**Coffee Break**

**Lunch (12:30 - 1:00 pm)**

**Coffee Break**

**Lunch (12:30 - 1:00 pm)**