

PROFESSIONAL EDUCATION

INSTITUTIONAL COURSE NUMBER

INFECTION PREVENTION FOR ORAL HEALTHCARE SETTINGS

Prototypical Syllabus

Course Director: _____

Preferred Mode of Communication: _____

Office Location: _____

Office Hours: _____

Course Objective

The overall course objective, reflected in the 12 modules, is to present best available evidence-based information to facilitate compliance with and implementation of recommendations made by federal, state/provincial, and local agencies and professional organizations to eliminate or minimize healthcare-associated infections. The emphasis is on key elements of Standard Precautions, a hierarchy of preventive strategies, and specialized infection control issues related to the standard of care in dentistry.

Primary Educational Goal

The primary educational goal is to provide students with sufficient knowledge and skills to eliminate or minimize healthcare-associated infections in oral healthcare settings in compliance with elements of US (1) Accreditation Standards for Dental Educational Programs (Appendix A), (2) Accreditation Standards for Dental Hygiene Educational Programs (Appendix B), and (3) Accreditation Standards for Dental Assisting Educational Programs Appendix C); as well as Canadian Accreditation Requirements for (4) Dental Education Programs (Appendix D), (5) Accreditation Requirements for Dental Hygiene Education Programs (Appendix F), and (6) Accreditation Requirements for Dental Assisting Education Programs (Appendix G).

Educational Outcomes

Upon completion of the 12 modules, participants should be able to:

- Demonstrate an understanding of the rationale for standard precautions intended to prevent or minimize healthcare-associated infections.
- Discuss the rationale for adding new elements to standard precautions and for transmission-based precautions.
- Explain the role of and implement vaccination strategies intended to reduce the risk of vaccine preventable diseases.
- Explain the role of and implement the use of personal protective equipment to prevent or reduce the risk of healthcare-associated infections.
- Explain the role of and implement hand hygiene strategies to prevent or reduce the risk of healthcare-associated infections.
- Understand the principles of disinfection and sterilization and implement disinfection and sterilization procedures to prevent or reduce the risk of healthcare-associated infections.

PROFESSIONAL EDUCATION

- Recognize the role of and implement environmental infection control procedures to provide a safer work environment.
- Understand the principles of and implement strategies for biohazard communication and regulated medical waste disposal.
- Describe the importance of post-exposure follow-up and associated policies and establish strategies to reduce the risk of post-exposure healthcare-associated infection.
- Identify the principles of and establish policies for administrative policies and work restrictions related to latex and transmissible diseases.
- Develop and implement comprehensive infection control strategies, with special emphasis on issues unique to oral healthcare settings.
- Demonstrate/apply in a clinical setting knowledge related to respiratory hygiene/cough etiquette; hand hygiene; donning and removing PPE; preparing the dental treatment room (DTR); DTR turn-around procedures between patients; securing the DTR at the end of the day; and sterilization and disinfection procedures.

Outcome Assessment

Predicated on institutional policy, for example:

Assessment of educational outcomes related to knowledge gained from the online modules will be based on multiple-choice examinations at the end each module. Assessment of educational outcomes related to clinical skills will be based on the practicum and will be appraised on a pass/fail scale. Students must pass educational outcomes related to both knowledge and clinical skills to pass the course.

Grading Policy

Predicated on institutional policy, for example:

The responsibility for assigning grades rests exclusively with the Course Director. Students are expected to successfully complete all eleven online modules prior to the Practicum, i.e., the 12th module. Students are allowed as many attempts on modules 1 to 11 as may be necessary to obtain a passing grade (as determined by the Course Director).

Attendance Policy

Predicated on institutional policy, for example:

The course is designed to accommodate all styles of learning with a “blended format,” consisting of online learning modules and small group discussion/clinic rotation (Module XII: Practicum). Completion of the online modules is expected prior to the mandated Practicum.

Missed Exam/Practicum Policy

Predicated on institutional policy, for example:

If unable to complete the online learning modules in a timely fashion or attend the Practicum, the student must so inform the Course Director and the Office of Student Affairs in writing. Failure to pass the written examination or the Practicum will result in an “F” grade in the course.

PROFESSIONAL EDUCATION

Remediation Policy

Predicated on institutional policy, for example:

The decision to allow a student to remediate an “F” grade rests with the Academic Performance Committee. Remediation may be recommended according to the following criteria:

- If the “F” grade resulted from failure to satisfactorily complete the online modules and/or the practicum, the student may be allowed to remediate within a specified period of time and will be awarded a grade of “D” or “C.”
- If a student has less than a 2.0 GPA, but has no “F” grades, the Academic Performance Committee may allow remediation for a “D” grade provided a “C” grade would bring the GPA up to a 2.0.

Course Contents

Module	Title
Module I	ce535 - Introduction to Standard and Transmission-base Precautions
Module II	ce482 - Pathogens Associated with Putative Healthcare-associated Infections in Oral Healthcare Setting
Module III	ce479 - Mandated, Highly Recommended, and Other Vaccines for Oral Healthcare Personnel
Module IV	ce483 - Personal Protective Equipment
Module V	ce353 - Hand Hygiene: Infection Control/Exposure Control Issues for Oral Healthcare Workers
Module VI	ce474 - Sterilization and Disinfection of Patient-care Items in Oral Healthcare Settings
Module VII	ce363 - Environmental Infection Prevention and Control
Module VIII	ce498 - Regulated Medical Waste Management
Module IX	ce472 - Post-Exposure Evaluation and Follow-up
Module X	ce473 - Infection Control-related Administrative Policies and Work Restrictions
Module XI	ce342 - Clinical Practice Guideline for an Infection Control/Exposure Control Program in the Oral Healthcare Setting
Module XII	ce511 - Putting it All Together: Practicum (Video)

PROFESSIONAL EDUCATION

Other Resources

- Commission on Dental Accreditation. American Dental Association. Accreditation Standards for Dental Education Programs – July 1, 2013.
http://www.ada.org/~media/CODA/Files/predoc_2013.ashx
- Commission on Dental Accreditation. American Dental Association. Accreditation Standards for Dental Hygiene Education Programs – January 1, 2013.
<http://www.ada.org/~media/coda/files/dh.ashx>
- Commission on Dental Accreditation. American Dental Association. Accreditation Standards for Dental Assisting Education Programs – January 1, 2014.
<http://www.ada.org/~media/CODA/Files/da.ashx>
- Commission on Dental Accreditation of Canada. Accreditation Requirements for Dental Education Programs – Nov. 30, 2013.
www.cda-adc.ca/cdacweb/en
- Commission on Dental Accreditation of Canada. Accreditation Requirements for Dental Hygiene Education Programs – Nov. 30, 2011.
www.cda-adc.ca/cdacweb/en
- Commission on Dental Accreditation of Canada. Accreditation Requirements for Dental Assisting Education Programs – Nov. 30, 2010.
www.cda-adc.ca/cdacweb/en
- Advisory Committee on Immunization Practices
<http://www.cdc.gov/nip/ACIP/default.htm>
- American Dental Association
<http://www.ada.org>
- American Institute of Architects Academy of Architecture for Health
<http://www.aahaia.org>
- American Society of Heating, Refrigeration, Air-Conditioning Engineers
<http://www.ashrae.org>
- Association for Professionals in Infection Control and Epidemiology, Inc.
<http://apic.org/resc/guidlist.cfm>
- CDC, Division of Healthcare Quality Promotion
<http://www.cdc.gov/ncidod/hip>

PROFESSIONAL EDUCATION

- CDC, Division of Oral Health, Infection Control
<http://www.cdc.gov/OralHealth/infectioncontrol/index.htm>
- CDC, Morbidity and Mortality Weekly Report
<http://www.cdc.gov/mmwr>
- CDC, NIOSH
<http://www.cdc.gov/niosh/homepage.html>
- CDC Recommends, Prevention Guidelines System
<http://www.phppo.cdc.gov/cdcREcommends/AdvSearchV.asp>
- EPA, Antimicrobial Chemicals
<http://epa.gov/oppad001/chemregindex.htm>
- FDA
<http://www.fda.gov>
- Immunization Action Coalition
<http://www.immunize.org/acip>
- Infectious Diseases Society of America
<http://www.idsociety.org/PG/tox.htm>
- OSHA, Dentistry, Bloodborne Pathogens
<http://www.osha.gov/SLTC/dentistry/index.html>
<http://www.osha.gov/SLTC/bloodbornepathogens/index.html>
- Organization for Safety and Asepsis Procedures
<http://www.osap.org>
- Public Health Agency of Canada - Disease Prevention and Control Guidelines
www.phac-aspc.gc.ca
- Society for Healthcare Epidemiology of America, Inc., Position Papers
<http://www.shea-online.org/PositionPapers.html>
<https://www.crosstexbms.com/resources/industry-resources/>
- Workplace Hazardous Materials Information System (WHMIS)
www.hc-sc.gc.ca/ewh-semt/occup-travail/Whmis-simdut/index-eng.php