

Health and Safety

Presentation guide

DC = Statement of the competence for a particular domain

E = Elements of the competence for a specific statement of competence

P = Performance criteria for competency; associated with a specific element of the competence

Domain of competence DC.4

Apply preventative measures associated with asepsis, health, welfare and safety in the clinical setting

E4.1 Adhere to procedures and operations with respect to ‘Workplace Hazardous Materials Information System’ (WHMIS) and Occupational Health, Safety and Wellness (OHS&W)

- P4.1.1 Distinguish categories of hazardous/dangerous substances and materials
- P4.1.2 Compare handling and manipulation of hazardous/dangerous substances and materials with respect to WHMIS and OSH&W
- P4.1.3 Apply handling and manipulation of hazardous/dangerous substances and materials in a clinical setting as outlined in WHMIS and OSH&W
- P4.1.4 Describe the priority and follow-up procedures for injuries occurring in the workplace

E4.2 Adhere to quality control/assurance guidelines

- P4.2.1 Explain quality assurance testing and its relationship to safe practice
- P4.2.2 Describe the standards rules and regulations relative to quality control
- P4.2.3 Perform quality control procedures in according with protocols in a clinical setting

E4.3 Participate in equipment preventative maintenance programs

- P4.3.1 Describe a care and maintenance program for equipment utilized in respiratory care, including calibration procedures and operational checks
- P4.3.2 Participate in the care and maintenance of equipment in a clinical setting

E4.4 Clean and disinfect equipment

- P4.4.1 Define the methods used to clean and disinfect equipment
- P4.4.2 Identify the advantages, disadvantages, indications and precautions relative to each method used to clean and disinfect equipment
- P4.4.3 Utilize methods to clean and disinfect equipment in a clinical setting

E4.5 Apply infection prevention and control precautions (e.g., isolation management)

- P4.5.1 Distinguish techniques utilized for hand washing in particular situations
- P4.5.2 Describe the levels of precaution in relation to types of microorganisms and the human host
- P4.5.3 Describe the selection and effective use of equipment to prevent infection and apply precautions
- P4.5.4 Describe the purpose and indications for culture and sensitivity testing in respiratory care
- P4.5.5 Describe the use and function of bacteria filters
- P4.5.6 Apply infection prevention and control precaution procedures in a clinical setting

E4.6 Use personal protective equipment

- P4.6.1 Distinguish types of protective equipment used in relation to personnel and patient protection
- P4.6.2 Distinguish types of protective protocols as related to a particular clinical situation and/or environment
- P4.6.3 Apply the required protective protocol in a clinical setting

E4.7 Handle and dispose of biohazardous waste

- P4.7.1 Identify common types of biohazardous materials
- P4.7.2 Describe the safe management and handling of biohazardous materials, including storage and elimination
- P4.7.3 Apply safe handling and disposal of biohazardous materials in a clinical setting

E4.8 Adhere to Canadian Standards Association (CSA) standards for medical equipment

- P4.8.1 Explain the role and responsibilities of the CSA with respect to medical equipment and the safety of patients
- P4.8.2 Explain general electrical safety guidelines
- P4.8.3 Adhere to norms and safety standards when utilizing medical equipment in a clinical setting

E4.9 Adhere to Department of Transportation/Transport Canada regulations for cylinders and medical gases

- P4.9.1 Distinguish sizes and formats of medical gases/liquids containers and their respective content
- P4.9.2 Discuss the DOT/CTC regulations and required procedures for handling and storage of medical gas/liquid containers
- P4.9.3 Explain the risks and dangers associated with the handling of medical gas/liquid containers
- P4.9.5 Handle and store medical gas/liquid containers per DOT/CTC regulations in a clinical setting

E4.10 Adhere to institutional/organizational disaster and mass casualty plan

- P4.10.1 Describe a standard plan for dealing with a disaster and mass casualty
 - P4.10.2 Formulate a template for an institutional disaster and mass casualty plan
 - P4.10.3 Describe the role of a respiratory therapist in an institutional disaster and mass casualty plan
-