### PICREt PROVINCIAL INFECTION CONTROL NETWORK OF BRITISH COLUMBIA

A program of the Provincial Health Services Authority

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The Provincial Infection Control Network of BC (PICNet) updated two infection prevention and control (IPC) healthcare worker (HCW) on-line education courses based on a five-year review cycle, the evolution and emergence of new content, and evaluation survey responses.

The courses are cost-free and widely used for HCW orientation and continuing competence training curricula.

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#### **PICNet:**

**PERFORMED A NEEDS ASSESSMENT** by reviewing past course evaluation responses, other organizational courses, and existing course content, to determine areas of improvement and address content gaps.

**CONVENED AND LED A WORKING GROUP** of IPC, workplace health and safety professionals, and clinical educators from across B.C. health authorities to inform revisions to course materials through various stages of development.

**REVISED TWO IPC BASICS** online education courses by creating new course curriculum scripts, practice scenarios, images and videos, and competency assessments. An online learning design consultant built an interactive course using Articulate<sup>®</sup> software.

**TRIALLED AND TESTED THE COURSES** through recruitment of multi-disciplinary front-line HCWs.

**DEVELOPED A COMMUNICATION PLAN** to transition learners to new course content and for announcing the revised course launch.

**DEVELOPED AND ADMINISTERED AN EVALUATION SURVEY** after course completion to assess learners experience and inform future updates.

## **Provincial Health-Care Worker Infection Prevention** and Control Education across the Continuum of Care

>140,000 HCWs have completed the IPC basics courses since their launch in August 2022.

#### INCLUDES

#### **Two courses separated by target audience:**

- **1.** HCWs who primarily work in patient care areas and direct-care roles
- 2. HCWs in non-direct care roles

#### **COURSE CONTENT**

- Consists of four modules with practice scenarios (based on learner selected practice setting), knowledge checks, and a competency assessment resulting in a certificate of completion.
- Integrates enhancements from COVID-19 pandemic.
- Incorporates guiding principles of adult learning, diversity, equity, and inclusion by using gender-neutral language and diversity of HCWs and health-care settings.
- Uses a variety of visual and auditory multi-media presentation and optimizes the practical application of IPC knowledge to improve the learner experience.

#### **SURVEY EVALUATION RESULTS**

- Majority of the learners (>80%) found the course directions, vocabulary, level of difficulty, knowledge checks and quiz questions to be suitable.
- Learners appreciate the new content, multi-media format, and case-scenarios that facilitate practical and relevant knowledge application to their practice.

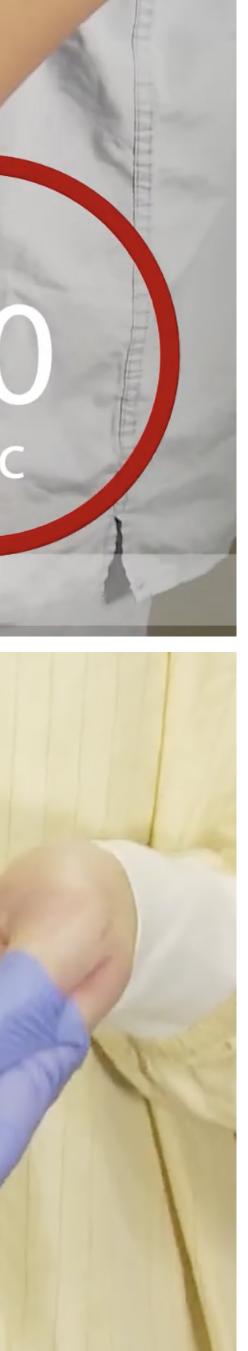
Infectious Susceptible Host Reservoirs The Chain of Infection Portals of Entry





**LEARNERS DESIRE** shortened refresher courses and the addition of case scenarios for pre-hospital and community outreach settings.

**NEXT STEPS** will include continued, periodic modification to course content and delivery based on feedback received and evolving knowledge.



#### CONTRIBUTORS

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- Children and Women's Hospital Media Services
- Boris Avdeyev (Learning Design Consultant)
- PHSA Learning Hub
- B.C.'s Ministry of Health.

#### LAND ACKNOWLEDGEMENT

As a provincial network, we operate on the unceded traditional and ancestral lands of First Nations.

Our main office is located on the traditional and ancestral lands of the territories of the  $x^{w}m \partial \theta k w \partial y \partial m$  (Musqueam), Skwxwú7mesh (Squamish), Stó:lō and Səlílwəta?/Selilwitulh (Tsleil-Waututh) Nations.