**Prevention of Healthcare-Associated infection in an admitted patient with COVID19.**

**(March 8 - 10, 2022)**

**Objectives:**

* To discuss evidence-based recommendations for the prevention of healthcare-associated infection (HAI) in admitted patients in acute care facilities.
* At the end of the workshop, the professional will be able to carry out the infection prevention measures to decrease the burden of HAI in patients admitted with COVID 19.

**Chronogram:**

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| --- | --- |
| Infection Control Training - March 2022 |  |
| Class  | **Date** | **Topic** | **Facilitator** |
| 1 | March 8 | Introduction to the training course  |  |
|  |  | Pre-course knowledge test |  |
|  |  | Prevention of catheter-related bloodstream infections | Fernando Otaiza |
| 2 | March 9 | Prevention of respiratory tract infections | Valeska Stempliuk |
| 3 | March 10 | Prevention of urinary tract infection | Silvia Acosta |

**Advanced training on Infection Prevention and Control**

**General Reading Material**

o ISID. A Guide to Infection Control in the Hospital. 2014.

o PAHO. Prevention and Control of Healthcare Associated Infections – Basic Recommendations. 2018.

o WHO. Minimum Requirements for Infection Prevention & Control Programs. 2019.

o WHO. Interim Practical Manual supporting national implementation of the WHO Guidelines on Core Components of Infection Prevention & Control Programs. 2017.

o Instructions for the national infection prevention and control assessment tool 2 (IPCAT2). 2017.

o CDC. The Targeted Assessment for Prevention (TAP) Strategy.

o Targeted Assessment for Prevention (TAP) Strategy of Healthcare-Associated Infections: A New Prioritization Metric. 2015.

o SHEA. Strategies to prevent Methicillin-Resistant Staphylococcus aureus Transmission and Infection in Acute Care Hospitals. Update. 2014.

o SHEA. Strategies to Prevent Healthcare-Associated Infections through Hand Hygiene. 2014.

o Bardossy C.A. Preventing Hospital acquired Infections in Low-income and Middle-income Countries: Impact, Gaps, and Opportunities. 2016.

**Lecture 1 – Bloodstream infections (BSI)**

• **Reading material**

o PAHO. Epidemiological Surveillance of Healthcare Associated Infections. 2011. (chapter 3, pp 33 – 38).

o SHEA. Strategies to Prevent Central Line-Associated Bloodstream Infections in Acute Care Hospitals. 2014.

o CDC. Checklist for CLABSI. 2014.

o Central Line-associated Blood Stream Infection (CLABSI) Targeted Assessment for Prevention (TAP) Facility Assessment Tool.

o CDC. Reduction in Central Line--Associated Bloodstream Infections Among Patients in Intensive Care Units --- Pennsylvania, April 2001--March 2005. 2005.

o CDC. Central Line-Associated Bloodstream Infections (CLABSI) in Non-Intensive Care Unit (non-ICU) Settings Toolkit.

o Rosenthal Victor D. et al. Impact of International Nosocomial Infection Control Consortium (INICC) strategy on central line-associated bloodstream infection rates in the intensive care units of 15 developing countries. 2010.

o Velasquez-Reyes; Bloomer M; Morphet J. Prevention of central venous line associated bloodstream infections in adult intensive care units: A systematic review. 2019.

**Lecture 2 – Respiratory tract infections**

• **Reading material**

o PAHO. Surveillance of Healthcare Associated Infections. 2011. (chapter 3, pp 19 – 28).

o SHEA. Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals - Updated. 2014

o CDC. Guidelines for Preventing Healthcare-Associated Pneumonia. 2003.

o American Thoracic Society. Guidelines for the Management of Adults with Hospital-acquired, Ventilator-associated, and Healthcare-associated Pneumonia. 2004.

o Rosenthal Victor D. et al. Effectiveness of a multidimensional approach for prevention of ventilator-associated pneumonia in adult intensive care units from 14 developing countries of four continents: findings of the International Nosocomial Infection Control Consortium. 2012.

**Lecture 3– Prevention of urinary tract infections (UTI)**

• **Reading materials**

o PAHO. Epidemiological Surveillance of Healthcare Associated Infections. 2011. (chapter 3. pp 29 – 32) HICPAC. Guideline for Prevention of Catheter-associated Urinary Tract Infections 2009.

o SHEA. Strategies to Prevent Catheter-Associated Urinary Tract Infections in Acute Care Hospitals: 2014.

o Catheter‐associated Urinary Tract Infection (CAUTI) Targeted Assessment for Prevention (TAP) Facility Assessment Tool.

o Chenoweth C.E. Urinary Tract Infections. 2016.

o Gayani Tillekeratne L. et al. A multifaceted intervention to reduce rates of catheter-associated urinary tract infections in a resource-limited setting. 2014.