

INTERACTIVE WORKSHOP

Environmental decontamination

Speakers:

Egil Lingaas, Oslo University Hospital, Norway

Syed A. Sattar, University of Ottawa, Canada

Date:

Friday, 27 April 2018

Time:

09:00-10:30

11:00-12:30 (continues)

This workshop will cover the following topics through a mixture of interactive presentations as well as group work and feedback:

- Testing and standards for chemical disinfectants
- Antimicrobial wipes for disinfection of surfaces including:
 - a. the relevance of high-touch environmental surfaces (HITES) as potential vehicles for healthcare-acquired infections;
 - b. testing of disinfectant-soaked wipes for HITES decontamination;
 - c. the risk of spread of pathogens to clean areas during improper wiping of surfaces;
 - d. the types of surfaces and pathogens to focus on for wiping for optimal risk reduction;
 - e. current methods to assess the decontaminating activity of wipes.
- Decontamination of surfaces and equipment by hydrogen peroxide gas and other oxidative agents including an overview of the most common methodologies, an assessment of area decontamination as tool for prevention of transmission in hospitals
- The use of ultraviolet light for decontamination of air and surfaces including:
 - a. current methods and guidelines to assess UV-based devices for air decontamination;
 - b. activity of UV-based devices against major types of airborne pathogens;
 - c. relative benefits and short-coming of UV disinfection of air;
 - d. prevention of contamination of environmental surfaces by decontaminating air in the same setting.