12. Key components of effective and sustainable tuberculosis infection control programme

Thursday, 03 December 2015, 09:00 - 16:00
Room Marco Polo-Westin

Post-graduate Course

TB infection control

Full-day

40

TB transmission in healthcare and congregate settings, especially where drug-resistant TB and HIV are highly prevalent, continues to drive the TB epidemic. Even with increasingly available resources for TB infection control interventions, lack of updated knowledge and skills makes development of effective and sustainable risk reduction programmes challenging. This course will address a priority-based approach to TB infection control programme development, monitoring and evaluation and introduce recently developed guidelines and recommendations.

1. NTP managers, infection control specialists, TB laboratory managers
2. TB/HIV coordinators, TB doctors and nurses, epidemiologists
3. Engineers and architects

Target audience

Objectives

1. Introduce TB transmission concept and airborne infection control hierarchy
2. Discuss key components of administrative and environmental controls and personal respiratory protection
3. Provide overview of airborne infection-related laboratory biosafety interventions
4. Introduce new germicidal ultraviolet irradiation for TB IC guidelines
5. Provide overview of monitoring and evaluation methodologies for TB infection control programmes and interventions

Keywords
TB infection control; laboratory biological safety; sustainability

Coordinator(s)
Grigory Volchenkov (Russian Federation), Paul Jensen (USA)

Chair(s)
Edward Nardell (USA), Paul Jensen (USA)

Presentations

1. Theory of airborne infections transmission. TB transmission in high DR-TB/HIV burden settings
Max Meis (Netherlands)

2. Occupational risk factors for TB among healthcare workers: policies and practices
Carrie Tudor (USA)

3. Implementation and impact of FAST strategy
Edward Nardell (USA)

4. Environmental controls: making natural and mechanical ventilation effective and affordable
Paul Jensen (USA)

5. Upper room UVGI: new guideline introduction. Concept and application issues
Edward Nardell (USA)

6. Sustainable building design for airborne infection control
Garry Blackwelder (USA)

7. Laboratory biological safety: integration of controls
Matsie Mphahlele (South Africa)

8. Making personal respiratory protection programme feasible
Grigory Volchenkov (Russian Federation)

9. Measuring the impact of TB infection prevention and control interventions
Edward Nardell (USA)

10. What makes TB infection control programme effective?
Paul Jensen (USA)