Session N.00485

13. Strengthening TB case finding and prevention in high-risk populations

Thursday, 03 December 2015, 09:00 - 16:00
Room Sir Francis Drake-Westin

Post-graduate Course
HIV and TB co-infection
Latent TB infection (LTBI)
Full-day

40

This course is for healthcare workers who work in high-burden settings with persons at high risk for TB infection and progression to active disease, including children <5, people living with HIV and other risk factors, and recent close contacts of persons with infectious TB disease. Topics include basic TB control strategies, pathogenesis of TB disease, diagnosis of latent TB infection in high-risk persons, preventive treatment options and the role of monitoring and evaluation. The format consists of lectures, case studies, role plays and exercises. Basic TB knowledge is recommended.

1. Physicians/nurses working with persons at risk for progression to TB disease
2. TB programme staff who make decisions about TB treatment protocols

1. Identify persons at risk for TB infection and progression to TB disease, once infected
2. Describe the standards for prescribing preventive therapy in at-risk infected persons
3. Apply contact tracing skills to find and prevent community transmission
4. Identify the appropriate diagnostic testing for TB infection
5. Develop strategies for implementation, monitoring and evaluation of latent TB infection management

Paediatrics; contact tracing; LTBI management

Riitta Dlodlo (Zimbabwe), Rajita Bhavaraju (USA)

Paula Fujiwara (USA), Alberto Matteelli (Italy)

1. Overview of course content and format
Rajita Bhavaraju (USA)

2. Participant introductions and challenges
Riitta Dlodlo (Zimbabwe)

3. Transmission and pathogenesis of tuberculosis
Amee Patrawalla (USA)

4. Risk factors and vulnerable populations
Chen-Yuan Chiang (Taiwan)

5. Testing for latent TB infection in adults and children
Alberto Matteelli (Italy), Anne Detjen (USA)

6. Preventive therapies
Jose Caminero Luna (Spain)

7. Contact tracing
Stephen M Graham (Australia)

8. Case presentations
Neil Schluger (USA)

9. Programmatic implementation and monitoring of systematic testing and treatment for latent TB infection
Alberto Matteelli (Italy), Anne Detjen (USA)

10. Conclusion, post-course test, post-course assessment, and evaluation
Rajita Bhavaraju (USA)