

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

**THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Thursday, 03 December 2015, 09:00 - 16:00

Room Sir Francis Drake-Westin

Type of session	Post-graduate Course
Track	HIV and TB co-infection
Track2 (optional)	Latent TB infection (LTBI)
Duration	Full-day
Max attendees	40
Description	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.
Target audience	<ol style="list-style-type: none"> 1. Physicians/nurses working with persons at risk for progression to TB disease 2. TB programme staff who make decisions about TB treatment protocols
Objectives	<ol style="list-style-type: none"> 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
Keywords	Paediatrics; contact tracing; LTBI management
Coordinator(s)	Riitta Dlodlo (Zimbabwe), Rajita Bhavaraju (USA)
Chair(s)	Paula Fujiwara (USA), Alberto Matteelli (Italy)
Presentations	<ol style="list-style-type: none"> 1. Overview of course content and format Rajita Bhavaraju (USA) 2. Participant introductions and challenges Riitta Dlodlo (Zimbabwe) 3. Transmission and pathogenesis of tuberculosis Amea 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)