

# 07. Update on clinical and programmatic management of MDR-TB and XDR-TB

Wednesday, 29 October 2014, 09:00 - 17:00

Room 133/134



**Type** Post-graduate Course

**Track** Tuberculosis

**Topic** Medical management of TB and drug resistant TB

**Duration** Full-day

**Max attendees** 75

**Description** MDR- and XDR-TB pose a significant threat to TB control and challenge clinicians and programme managers world-wide with complexities in diagnosis, treatment, case management and infection control. This course addresses challenges of DR-TB management by presenting updated epidemiologic and surveillance data, and providing clinical and programmatic strategies relevant to a wide-range of practitioners based on the most recent international policies and standards of care. Cutting edge strategies for care and programmatic management of DR-TB will be presented to promote best practices globally.

**Target audience** National TB and HIV programme managers, lung health specialists, TB & HIV clinicians, epidemiologists, international tuberculosis consultants, laboratory scientists, microbiologists, promoters and deliverers of community-based health care.

**Objectives**

1. To update global epidemiology of DR-TB and present principles of MDR-TB prevention, diagnosis, and treatment
2. To present recent advances in rapid diagnosis of drug-resistance and to discuss their clinical application
3. To discuss evidence-based management and controversial issues in the treatment of MDR/XDR-TB
4. To present cutting edge strategies for the management of MDR/XDR-TB including new drugs and diagnostic tools
5. To introduce community-based programmatic management of MDR-TB and discuss prevention strategies

**Keywords** MDR-TB; XDR-TB; Management; Update; Diagnosis; Treatment

**Coordinator(s)** Sundari Mase (USA), Ernesto Jaramillo (Switzerland)

**Chair(s)** Ignacio Monedero (Spain), Jose Caminero Luna (Spain)

**Presentations**

1. MDR-TB/XDR-TB global epidemiology (including HIV-coinfection)  
Dennis Falzon (Switzerland)
2. Principles of MDR-TB management  
Chen-yuan Chiang (Taiwan)
3. Rapid diagnostics tests: a laboratory based perspective  
Christopher Gilpin (Switzerland)
4. Treatment of MDR-TB: principles and controversial issues  
Jose Caminero Luna (Spain)
5. Pharmacovigilance and management of adverse drug effects  
Michael Rich (USA)
6. Special situations: MDR-TB management in children  
H. Simon Schaaf (South Africa)
7. Special situations: HIV coinfection and pregnancy  
Jennifer Furin (USA)
8. Surgery in the management of MDR-TB  
Andrey Maryandyshev (Russian Federation)
9. Update in MDR-TB studies (9 month short course regimen)  
Armand Van Deun (Belgium), Arnaud Trebucq (France)
10. Introducing bedaquiline and delamanid in the management of MDR-/XDR-TB  
Christian Lienhardt (Switzerland)