18. Five years of Xpert MTB/RIF implementation: lessons learnt for increasing the impact of future new diagnostics

Friday, 04 December 2015, 15:30 - 17:00

Auditorium II

The Union

THE 46TH UNION WORLD CONFERENCE ON LUNG HEALTH

CAPE TOWN, SOUTH AFRICA
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Type of session	Symposium
Track	TB diagnostics, including molecular methods
Description	In December 2010, WHO first recommended the use of Xpert MTB/RIF, and it was soon predicted to be a game changer for TB control. While its diagnostic accuracy, rapidity and ability to be placed closer to the point of care give it great potential, these benefits rely on its optimal placement in health systems and diagnostic algorithms, and ultimately its use by clinicians. With its wide uptake in over 110 countries, Xpert MTB/RIF can be viewed as a pathfinder providing real-world experience on what is needed to allow a new diagnostic to impact TB and MDR-TB case detection and patient outcomes.
Target audience	**1.** Clinicians, laboratory specialists, public health professionals
Objectives	**1.** To share findings on Xpert MTB/RIF's impact on TB and MDR-TB case detection and patient outcomes **2.** To understand the conditions required to maximise the impact of current and future new diagnostics
Keywords	Diagnostics; molecular methods; Xpert MTB/RIF
Coordinator(s)	Wayne Van Gemert (Switzerland), Fuad Mirzayev (Switzerland)
Chair(s)	Heidemarie Albert (South Africa), Wayne Van Gemert (Switzerland)
Presentations	**15:30 - 15:40** Impact of Xpert MTB/RIF on TB case detection and treatment: experience of the Brazil NTP Junior Ruy De Souza (Brazil) **15:45 - 15:55** Impact of Xpert MTB/RIF on TB case detection and treatment: experience in high-HIV settings Grant Theron (South Africa) **16:00 - 16:10** Impact of Xpert MTB/RIF on MDR-TB case detection and treatment: experience of the Belarus NTP Alena Skrahina (Belarus) **16:15 - 16:25** Positioning Xpert MTB/RIF as a tool for TB case detection in resource-limited settings: the role of X-ray and CAD4 in screening Aamir Khan (Pakistan) **16:30 - 16:40** Maximising the potential for rapid use of test results: e/m-tools Jeff Takle (USA) **16:45 - 17:00** Discussion