

44. Achieving quality Xpert MTB/RIF use for rapid case detection

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

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Saturday, 05 December 2015, 15:30 - 17:00

Auditorium II

Type of session	Symposium
Track	TB laboratory services: organisation and quality assurance
Track2 (optional)	TB diagnostics, including molecular methods
Description	Since the WHO issued its recommendation for the use of Xpert MTB/RIF to rapidly diagnose TB and MDR-TB, countries have funded programmes to improve access to quality assured diagnostic testing using Xpert containing algorithms and strategies. This symposium will highlight best practices and innovative approaches for Xpert use as part of national TB strategies, while emphasising methods to ensure the quality of testing. The outcome of this session will allow participants to have a better understanding of options to improve utilisation and maintain quality while scaling up Xpert within their programmes.
Target audience	<ol style="list-style-type: none"> 1. Clinicians, laboratorians, national TB programme staff 2. Ministry of Health officials and lab services managers
Objectives	<ol style="list-style-type: none"> 1. Provide practical aspects of Xpert use for the diagnosis of TB and MDR-TB 2. Share experiences with Xpert technology and case finding strategies 3. To discuss emerging best practices to ensure quality testing
Keywords	Xpert MTB RIF; strategies; quality; efficiency; sustainability
Coordinator(s)	Alaine Umubyeyi Nyaruhirira (South Africa), Kathleen England (Netherlands)
Chair(s)	Lesley Scott (South Africa), Wayne Van Gemert (Switzerland)
Presentations	<p>15:30 - 15:40 The role of Xpert MTB/RIF testing in improving the clinical diagnosis of patients in Pakistan Sabira Tahseen (Pakistan)</p> <p>15:45 - 15:55 Yield of TB lymphadenitis with cytology vs GeneXpert and culture in Ethiopia Muluken Aseresa Melese (Ethiopia), Tuffa Gemechu (Ethiopia)</p> <p>16:00 - 16:10 Contribution of GeneXpert in MDR-TB case finding in Ethiopia Degu Jerene Dare (Ethiopia), Gonfa Ayana Gutta (Ethiopia)</p> <p>16:15 - 16:25 The use of verification and external quality assessment panels to monitor the accuracy of Xpert MTB/RIF testing across 18 countries Anura David (South Africa)</p> <p>16:30 - 16:40 Quality indicators and maintenance experience of Xpert MTB/RIF in South Africa Sebaka Molapo (South Africa), Puleng Marokane (South Africa)</p> <p>16:45 - 17:00 Discussion</p>