

## 51. e/m-Health as a transformational tool in TB control in high-burden countries

**THE 46<sup>TH</sup> UNION  
WORLD CONFERENCE  
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA  
2-6 DECEMBER 2015

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

Ballroom West-Westin

Type of session	Symposium
Track	Drug-sensitive TB care and treatment, including trials
Track2 (optional)	Drug-resistant TB care and treatment, including trials
Description	The unprecedented growth of information and communication technologies (ICT) globally has been transforming health delivery. Recent large-scale efforts using ICT for e-health systems promise to transform TB control by improving access, diagnosis, adherence and real-time data for service improvement. This symposium will discuss the opportunities for increasing the scale and effectiveness of promising mobile-health (mHealth) tools. Panelists will describe promising examples of mHealth to improve case management and detail their development and application in a variety of population contexts.
Target audience	<ol style="list-style-type: none"> <li>1. National TB programme and country-level implementers</li> <li>2. Technical agencies</li> <li>3. Technology specialists</li> </ol>
Objectives	<ol style="list-style-type: none"> <li>1. Understand the experiences and challenges in integrating ICT in current national TB programmes</li> <li>2. Provide examples of established mHealth tools to improve TB and MDR-TB case management and adherence</li> <li>3. Describe the integration and widespread scale-up of promising mHealth tools</li> </ol>
Keywords	mHealth; eHealth; case management; treatment adherence; surveillance; MDR-/XDR-TB
Coordinator(s)	Puneet Dewan (India), Neeraj Kak (USA)
Chair(s)	Refiloe Matji (South Africa), Ali Habib (Pakistan)
Presentations	<p><b>15:30 - 15:40</b> Setting up eHealth for TB at scale: lessons learned Dennis Falzon (Switzerland)</p> <p><b>15:45 - 15:55</b> Challenges and opportunities for implementing e/m-Health for TB in resource-limited settings: experience from Georgia Tamar Gabunia (Georgia)</p> <p><b>16:00 - 16:10</b> Cracking the challenge of private-provider engagement for TB in India with innovative e-Health solutions Kuldeep Singh Sachdeva (India)</p> <p><b>16:15 - 16:25</b> Using geographic information systems and patient mapping tools to improve follow up and support for MDR-TB patients in Swaziland Marianne Calnan (Swaziland)</p> <p><b>16:30 - 16:40</b> Demonstrating relevance and acceptability of mobile tools to assist in case management and adherence in South Africa Siphiwe Mndaweni (South Africa)</p> <p><b>16:45 - 17:00</b> Discussion</p>