

# 05. Next generation of eHealth for TB: systems that communicate

Thursday, 30 October 2014, 08:00 - 10:00

Room 114



**Type** Symposium

**Track** Tuberculosis

**Topic** Other

**Description** Electronic health information systems are abundant but oftentimes isolated and do not communicate with each other. This challenge occurs at various levels of health care, in the public and private sectors, and within the community. This symposium uses lessons learned from different settings to illustrate innovative solutions to make eHealth systems 'talk together' and provide users with comprehensive information for decision making. National staff and experts from TB and HIV fields will share how they overcome barriers related to interoperability of eHealth systems.

**Target audience** Policy-makers, staff of national TB and HIV programmes, academia, physicians, allied health professionals, IT-specialists, civil society, agencies providing technical support, corporate sector and donors.

**Objectives**

1. To share experiences of different settings and approaches to deal with challenges met in interoperability
2. To show how unique identifiers can be established and be used in exchanging patient data between systems
3. The implementation of unique patient identifiers using innovative solutions in low-resource settings presented
4. Scaling up health information systems for improved decision-making in TB care discussed

**Keywords** interoperability; unique identifiers; barcodes; eHealth; mHealth; mobile phones; tuberculosis care; lung health; research; innovation; scale-up; patient outcomes; decision-making; drugs; TB/HIV

**Coordinator(s)** Job Van Rest (Netherlands), Dennis Falzon (Switzerland)

**Chair(s)** Nicolaas Kalisvaart (Netherlands), Andre Zagorski (USA)

**Presentations**

**08:00 - 08:15** TB data exchange with private sector providers using eHealth solutions in Pakistan  
Ali Habib (Pakistan), Aamir Khan (Pakistan)

**08:20 - 08:35** Unique identifiers and the linking of Vitimes and eTB manager in Vietnam  
Luiz Fernando Reciolino (Brazil)

**08:40 - 08:55** From data collection to data analysis: a fully digital TB prevalence survey in Zambia using barcode scanning for identification  
Pascalina Chanda (Zambia)

**09:00 - 09:15** Linking of TIBU with MDR-TB data and in the future laboratory results in Kenya  
Hillary Kipchumba Kipruto (Kenya)

**09:20 - 09:35** Harnessing the power of information systems for strategic decision-making: summary from five diverse countries  
Luis Gustavo Bastos (USA)

**09:40 - 09:55** Video-Directly Observed therapy (VDOT): a solution for monitoring TB treatment adherence  
Richard Garfein (USA)

**09:45 - 10:00** Discussion