04. Adding connectivity to your TB diagnostics

Wednesday, 02 December 2015, 09:00 - 12:00
Room Roof Terrace

Type of session: Workshop
Track: TB diagnostics, including molecular methods
Track2 (optional): TB other
Organised by: GxAlert - A consortium of open-source software for TB diagnostics
Duration: Half-day
Max attendees: 150
Meeting type: Open meeting

Description:
This is a half-day workshop on connecting GeneXperts (or other diagnostics) to the Internet to provide patients, clinicians, ministries of health (MOHs) and the global health community with real-time, reliable quality data. It will provide MOHs and implementing partners with the practical steps needed to budget, implement and govern a connectivity solution to receive clinician referrals and return diagnostic results, spot and reduce lab errors, prevent stockouts, monitor utilisation and populate WHO and donor reports. This workshop demonstrates how connectivity improves the speed with which we can fight TB.

Target audience:
1. Individuals working at ministries of health (MOHs), TB and HIV programmes who want better data
2. Implementing partners (IPs) who procure GeneXperts or other diagnostic devices
3. Donors who want to ensure purchases are used efficiently & effectively

Objectives:
1. To provide MOHs and IPs with the tools to select appropriate connectivity solutions
2. To present a model for governing GeneXpert connectivity across dozens of projects and IPs
3. To understand patient privacy and data ownership decisions around connectivity

Expected outcome:
Participants will finish the half-day workshop able to decide among the different software available, budget for and implement a data connectivity solution for their GeneXperts or other TB diagnostics devices.

Keywords:
Connectivity; remote monitoring; connected health

Coordinator(s):
Jeff Baker (USA)

Chair(s):
Jeff Takle (Switzerland)

Presentations:
1. The main components of "connectivity" and how implementation differs across 20+ countries
   Hugh McDonough . (USA), Christopher Macek (USA)
2. Integrating solutions to better serve multiple stakeholders
   Emmanuel Andre (Belgium), Benjamin Nyange (Congo - Democratic Rep.)
3. Linkage to care: connectivity and electronic patient records
   Ali Habib (Pakistan)
4. Challenges when implementing diagnostic networks
   Amy Piatek (USA)
5. In-country versus cloud-based hosting and the implications for privacy and data ownership
   Brad Cunningham (South Africa)
6. How "connectivity" changes vendor selection and relationship
   Michael Turnlund (USA), Adam Liederman (Canada)