



Increasing access and efficiency of diagnostic networks using OptiDx- an open-access network analytics tool

ASLM2021 Satellite Session

Sponsor

Integrated Diagnostics Consortium

Date and Time

18 November 2021, 7AM-8AM GMT

Summary

This session will highlight the value of DNO to inform diagnostic system strengthening interventions across multiple diseases, to help align demand for testing and capacity to improve patient access to services in the most cost-effective way. It will provide an overview of the OptiDx software, a web-based, open-access software based on industry best practices in supply chain network analytics, and provide insights into outputs from a multi-country pilot, where OptiDx results are supporting data-driven planning of diagnostic testing services across TB, HIV and other diseases.

Learning Objectives

To introduce OptiDx, an open access tool for conducting DNO, which will be made freely available to end users in LMICs. OptiDx will empower countries to use DNO sustainably and 1) optimize current testing capacity by evaluating trade-offs in access, equity and efficiency of various interventions, 2) inform the introduction of new diagnostics by evaluating cost-effectiveness 3) expedite testing strategies for emerging diseases by rapid DNO analysis using pre-existing network models.

Target Audience

Government officials, programme managers, clinicians and laboratorians, funders and donors, implementing partners, non-governmental organizations (NGOs)

Presenter & Affiliation	Title
Aaron Lunda Shibemba Ministry of Health, Zambia	Opening remarks
Jason Williams USAID	Data-driven planning of lab systems
Heidi Albert FIND	Introduction to Diagnostic Network Optimisation and OptiDx
Mayank Pandey FIND	Demonstration of OptiDx software
Powell Choonga Ministry of Health, Zambia	Country experience using OptiDx
Sergio Carmona FIND	Closing remarks