



Global Scientific Solutions

for Health

Cultivating a Culture of Quality in Global Health

*Disease Diagnosis and Surveillance
from Iquitos to Rangoon*

ERROR

LAB A



LAB B

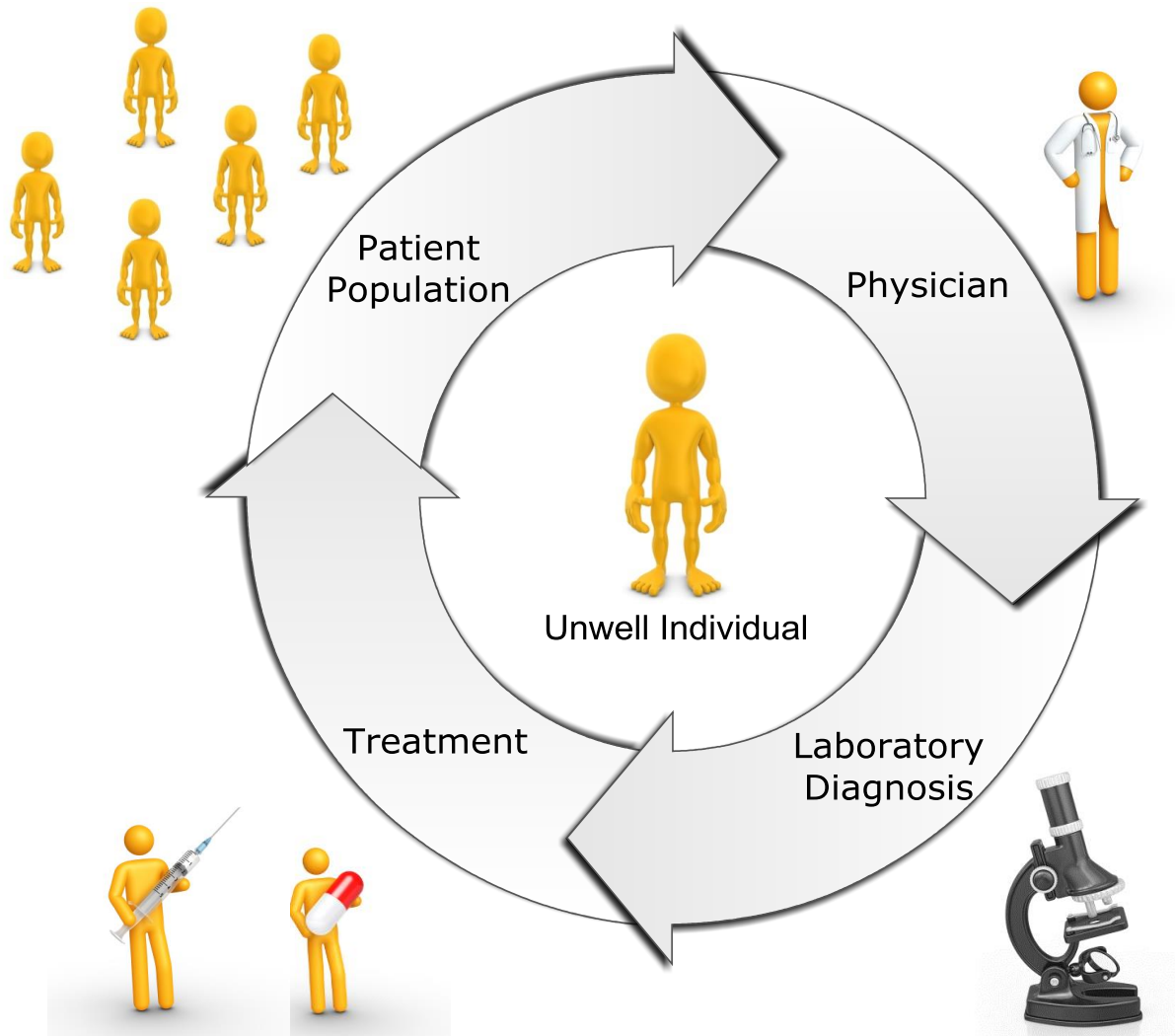


Mission

To raise the standard of laboratory services to assure high-quality testing for disease diagnosis and management, disease surveillance and scientific research, worldwide.

Cultivating a Culture of Quality in Global Health

THE CLINICAL LABORATORY



Much More to the Clinical Lab...

Identification & drug-susceptibility testing

Monitoring medical interventions

Monitoring adverse effects

Screening

Disease surveillance

Quality assurance

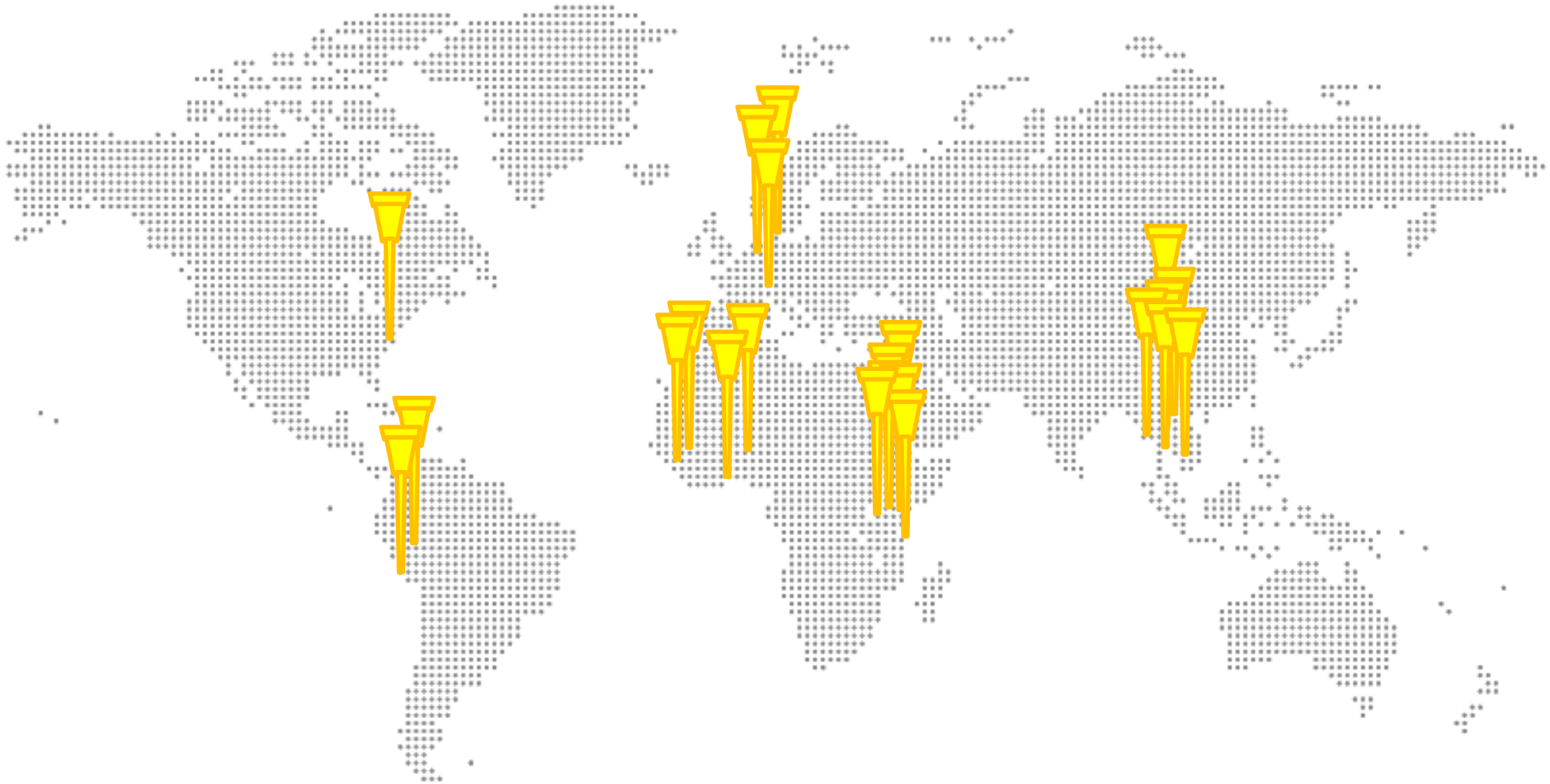
Evaluation / validation of technologies

Education & training

Research

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WHERE WE WORK



Challenging Environments

Political instability

Economic instability

Cultural Differences

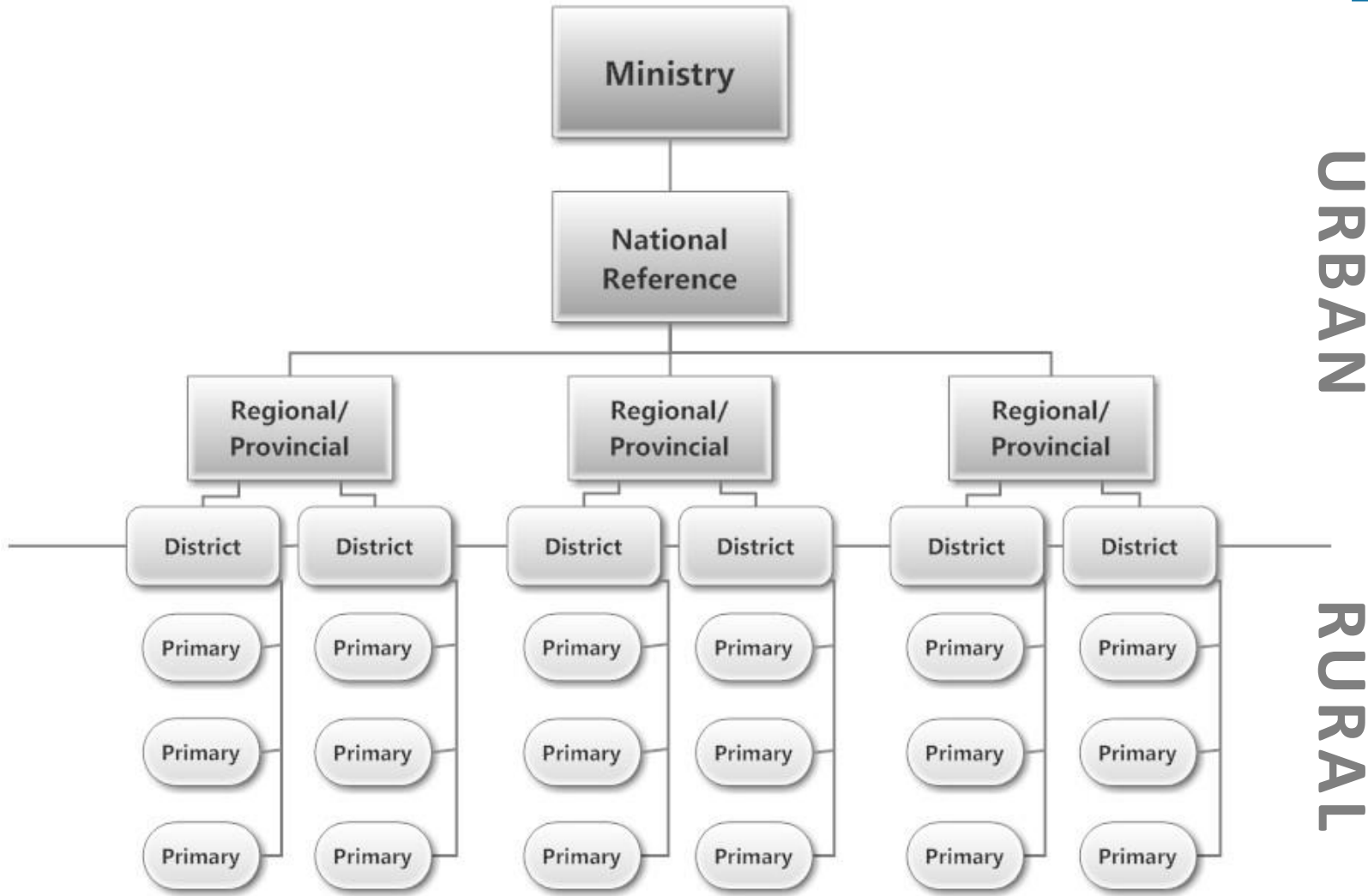
Conflict / Post-conflict

Poverty

Natural Disasters

High Burden of Infectious Disease

Access & Equity



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WHAT WE DO

Custom Products & Solutions



Quality Assurance



Training

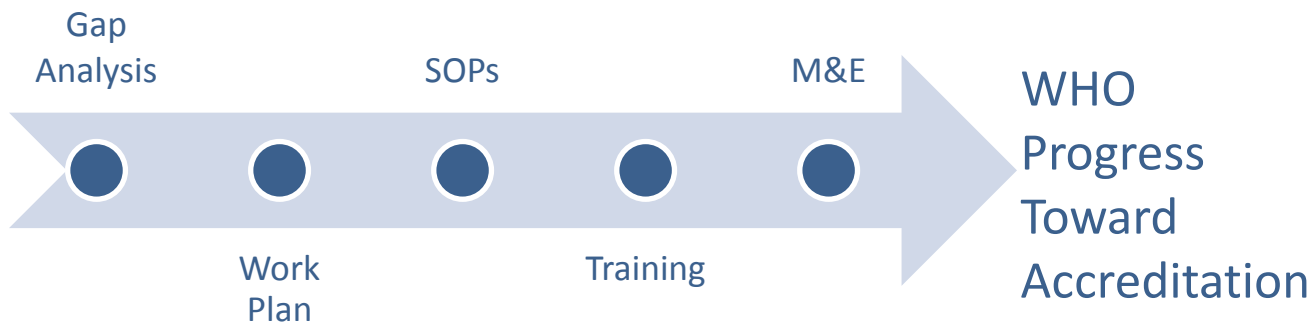
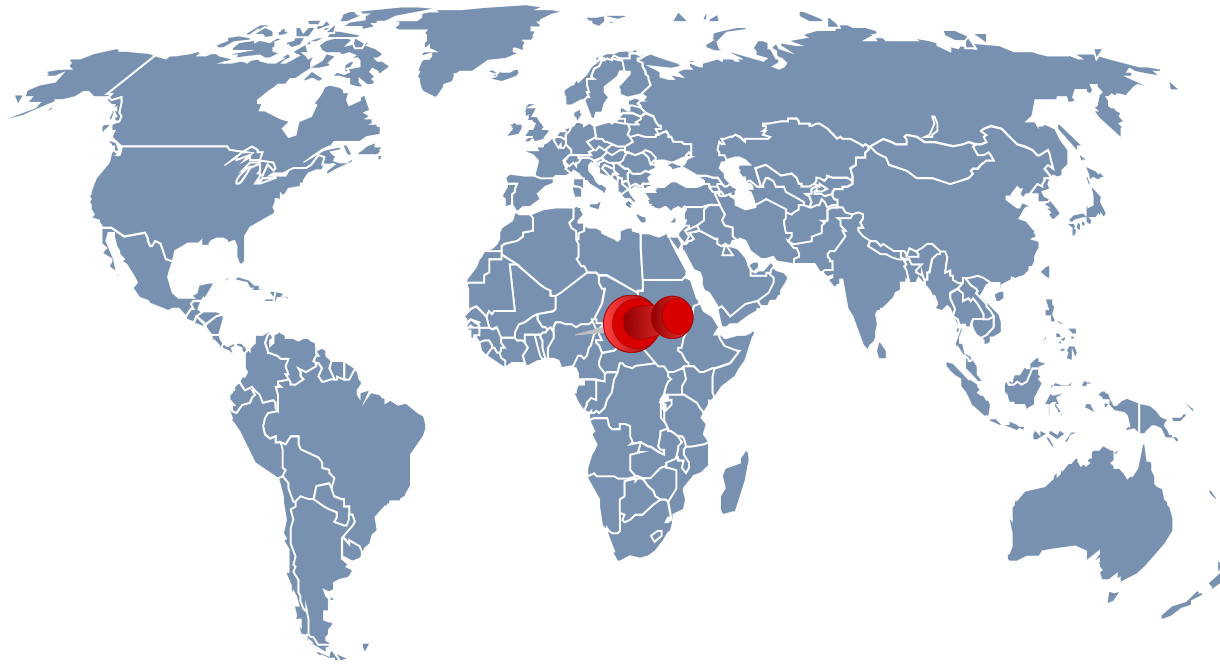


Supply Chain &
Logistics



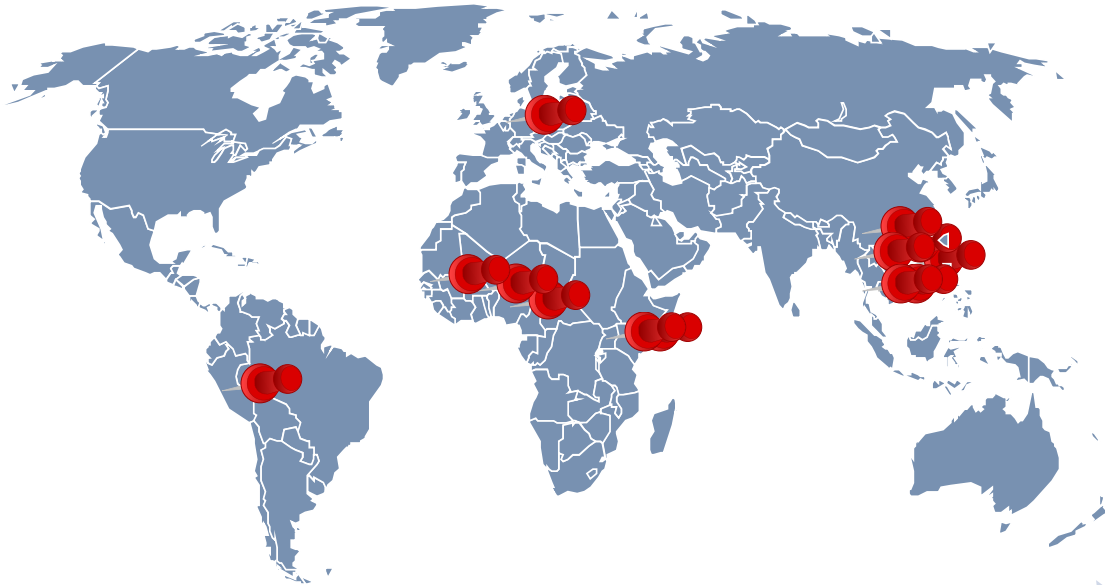
Communications

Objective: Prepare BSL3 laboratory in northern Nigeria for WHO Accreditation program

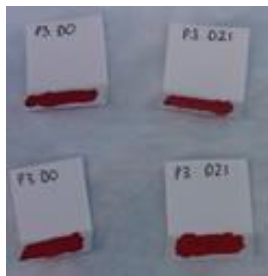


Funded by US CDC, client: UMB IHV, William Blattner and Alash'le Abimiku

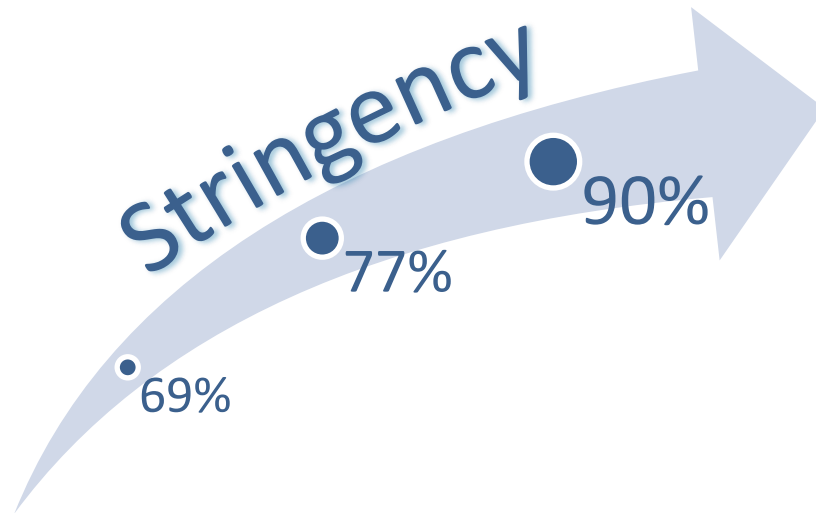
Objective: Establish network of QA'd labs for surveillance of drug-resistant Malaria in GMS



Quality Improvement

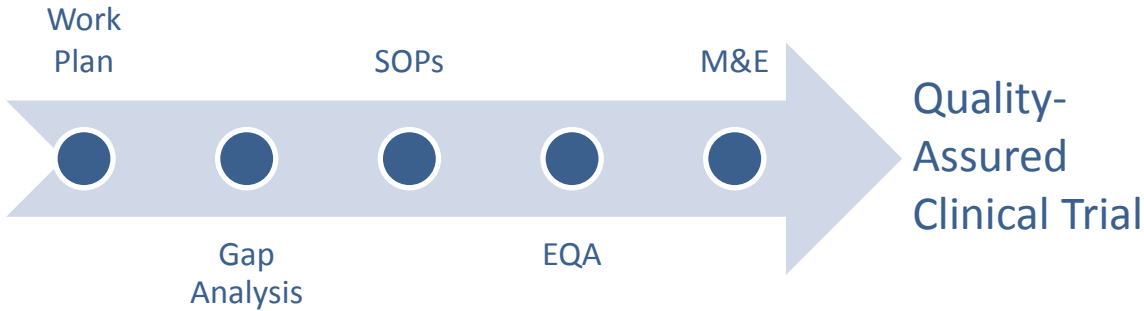
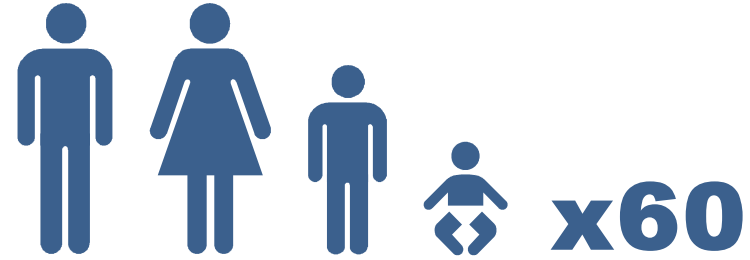
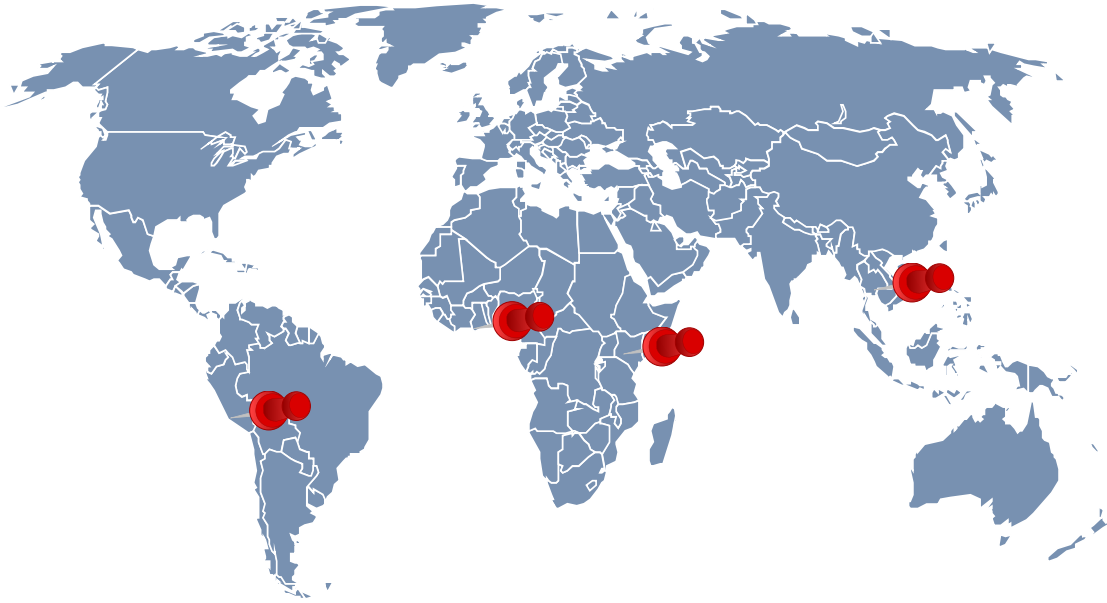


PT Panels



Funded by USAID, client: UMB CVD, Chris Plowe; collaboration with U of Mahidol, Mallika Imwong and WWARN, Jeff Smith

Objective: Establish QA & monitoring program for harmonized Malaria clinical trial



Objective: Increase laboratory supply chain efficiency and improve logistics



Field Name	Data Type	
cmm_spc_pk	Text	This is commodity s
cmm_spc_nm	Text	Item name
cmm_spc_bsc_unt	Text	Basic unit
cmm_typ_fk	Text	Commodity type un
cmm_spc_inv_typ	Text	Inventory type
cmm_spc_lbr_lvl	Text	Level
cmm_spc_ctl_nmb	Text	Catalog number
cmm_spc_spc_dsc	Memo	Specification or des
cmm_spc_pck_sz	Number	Pack size
cmm_spc_rqr_acc	Memo	Required accessory
cmm_spc_opt_acc	Memo	Optional accessory



Clients: WHO, UNDP, UNICEF, iPlusSolutions

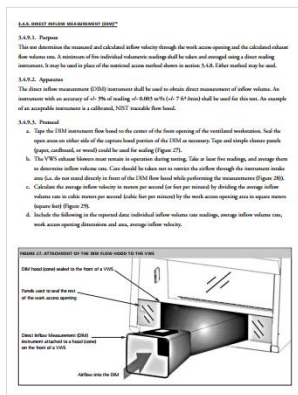
Objective: Develop high quality scientific communications products

Idea Generation

- Definition of target audience
- Branding & concept development
- Coordination of project timelines & budgets

Content Development

- Primary & secondary research
- Scientific & technical writing

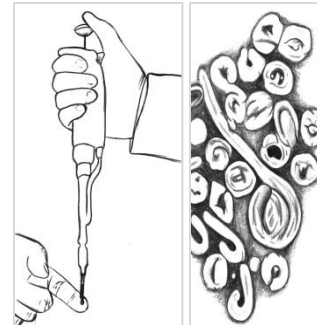
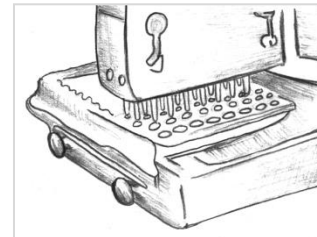


Editing & Revision

- Technical & scientific review
- Proofreading, copyediting & language revision
- Consensus development
- Document translation

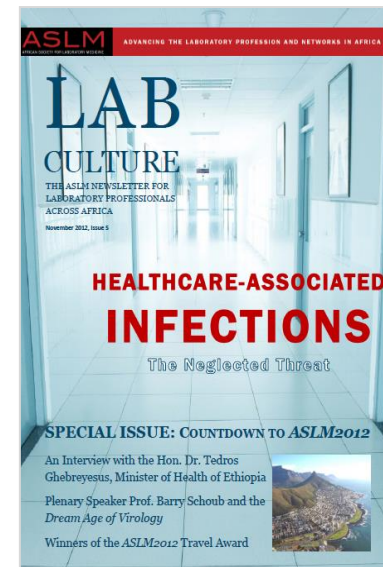
Design & Illustration

- Document graphic design
- Illustration



Finalization & Publication

- Publication of finished product
- Dissemination to target audience



Objective: Develop custom in-service training for laboratory professionals



Safety



Technical



QA & Ethics

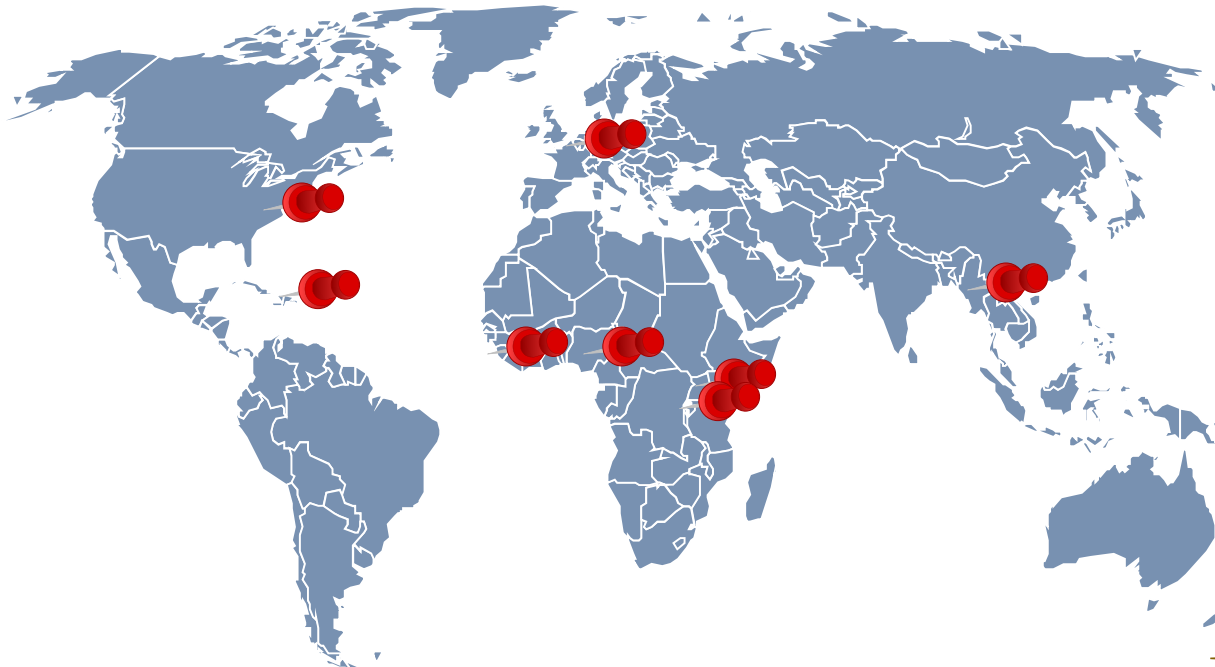


SCM



Management

Content Development and Delivery



Clients: APHL, iPlusSolutions, MSH, UMB IHV & CVD

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WHO WE ARE

GSSHealth Team



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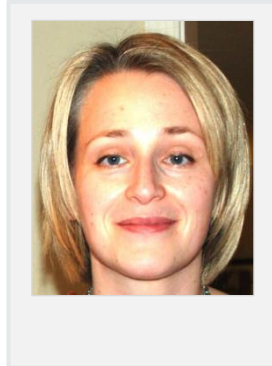
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Aaron Krol



Karen Menge



Katya Milgotina



Laurel Oldach



Kaitlin Powers

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WHERE WE ARE HEADING...

RNOVIDA

Thanks to our Funders

- African Society for Laboratory Medicine (ASLM) under funding from the Centers for Disease Control and Prevention (CDC)
- Armed Forces Health Surveillance Center (AFHSC)
- Association of Public Health Laboratories (APHL)
- iPlusSolutions
- Management Sciences for Health (MSH)
- National Institutes for Health (NIH)
- United Nations Children's Fund (UNICEF)
- United Nations Development Program (UNDP)
- University of Maryland, Baltimore
- U.S. Agency for International Development (USAID)
- World Health Organization (WHO)