SLMTA Updates

SLMTA Symposium
Abuja, December 8, 2018

Katy Yao, PhD
International Laboratory Branch, Division of Global HIV/AIDS and TB
PEPFAR’s flagship program for laboratory system strengthening

PEPFAR: The US President’s Emergency Plan for AIDS Relief
Number of Accredited Laboratories in Sub-Saharan Africa in 2009

Spread of the SLMTA program
(1333 labs, 52 countries)

SLMTA laboratories accredited to international standards (n=94)
72/94 in Sub-Saharan Africa
- 57 outside South Africa
- 15 in South Africa
Rapid growth of the number of SLMTA laboratories accredited to international standards

Accumulated # SLMTA Labs Accredited

Types of SLMTA Laboratories Accredited

87% Government-run Facilities

SLIPTA/SLMTA launched
SLMTA Quiz Time

Pollev.com/nrl2018
Which country has the highest number of SLMTA-enrolled laboratories that achieved accreditation to international standards?

A. Ethiopia  
B. Kenya  
C. South Africa  
D. Vietnam
Which country has the highest percentage of SLMTA-enrolled laboratories that have achieved accreditation to international standards? (# SLMTA labs accredited / total # SLMTA labs enrolled)

A. Ethiopia  
B. Kenya  
C. South Africa  
D. Vietnam
# The SLMTA Ripple Effect

## Hospital Quality Improvement

Malamulo Mission Hospital and Blantyre Adventist Hospital in Malawi

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Before</th>
<th>After</th>
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<tbody>
<tr>
<td>Out-patient process time</td>
<td>220 min</td>
<td>45 min</td>
</tr>
<tr>
<td>% rejected x-ray film</td>
<td>20%</td>
<td>15%</td>
</tr>
<tr>
<td>In-patient discharge process time</td>
<td>5 hours</td>
<td>0.5 hour</td>
</tr>
<tr>
<td>Turnaround time for repair maintenance requests</td>
<td>5 days</td>
<td>2 days</td>
</tr>
<tr>
<td>% lab tests done but not billed</td>
<td>23%</td>
<td>14%</td>
</tr>
<tr>
<td>% drugs administered or procedures performed but not billed</td>
<td>24%</td>
<td>12%</td>
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Source: Elde Paladar, SLMTA master trainer/mentor based in Malawi, 2016
3 What is SLMTA’s biggest impact?

Quiz #3
What SLMTAns Said...

SLMTA has not only improved my lab, it has changed my life.
Lab manager, Cameroon

SLMTA has made me more ambitious. I now look forward to progressing in my profession.
Lab technician, Cameroon

My wife told me that I’ve become a better husband after I trained in SLMTA.
Lab mentor, India
The Continuous Improvement of the SLMTA Program

The SLMTA Toolkit

Siemens PEP Connect
- 48 on-line videos
- 14.5 hours total viewing


1 Collaboration with NHLS/ACILT
2,4 Collaboration with Roche-South Africa under Public Private Partnership
3 Collaboration with Siemens under Public Private Partnership
Upcoming New Course
Illuminating the Path to ISO 15189 Accreditation
(10-day Training of Trainers Workshop)

WHAT
• Updated/combined SLMTA 1.0 and 2.0
• Process-based approach to designing a cost-effective QMS that meets ISO15189 requirements

WHY - The laboratory landscape has changed; countries are now ready to go beyond SLIPTA stars

WHEN - May 13-24, 2019 at Roche Scientific Campus, Johannesburg, South Africa

Participants will learn to:
• Translate ISO15189 clauses into daily laboratory practice
• Recognize QMS as a whole and its interconnected processes
• Design and implement those processes for a cost-effective QMS that fulfills ISO15189 requirements
• Establish a practical QMS that enables laboratories to reach and sustain accreditation status
4 Where will SLMTA be in the next 10 years?
Thank you

For more information about SLMTA, go to www.SLMTA.org

The findings and conclusions in this report are those of the author(s) and do not necessarily represent the official position of the funding agencies.

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