ARE YOUR LABS ACCREDITED?

If not, these training tools can help!

Method Validation & Quality Control (8-day Training of Trainers)	Illuminating the Path to ISO 15189 Accreditation (10-day Training of Trainers)	SLMTA (10-day Training of Trainers with *Teachback*©)

Method Validation & Quality Control

Why is this important?

Quality Control (QC) is much more than just plotting the Levy-Jennings charts. The aggregated average pre-test score of previous course participants is *12%*, indicating huge knowledge deficiency. This deficiency results in not only poor QC practice, but also laboratory managers' inability to justify resources necessary to conduct an effective QC program. There is a need to expand this training to help laboratories achieve accreditation.

What's new? Beginning this year, we will focus on training of trainers for this course. In addition to learning the knowledge in a highly interactive workshop, participants will be equipped with a new training aide (*48 on-line videos accessible by anyone anywhere 24/7* at https://pep.siemens-info.com/en-us/pepfar-qc-workshop) to help them step down this training in country.

Participants will learn to:

- Select new methods and instruments with performance specifications that relate to "the intended use" of the procedure (ISO15189:5.5)
- Introduce new methods and instruments into laboratories by properly evaluating the procedures for "the intended use" (ISO15189: 5.5.2)
- Design a robust internal QC program for all your tests (ISO15189:5.6.2.1)
- Assess on-going laboratory's accuracy through External Quality Assessment Schemes(EQAS) (ISO15189: 5.6.3)
- Step down this training in country aided by a video library accessible on Siemens PEP Connect (https://pep.siemens-info.com/en-us/pepfar-qc-workshop)

Target Audience:

- Lab directors, project officers, and those who make purchase decisions on methods and instruments
- Auditors and assessors
- QA officers, lab supervisors and mentors
- Those in charge of pre-service curriculum for laboratorians

Contact Katy Yao (kyao@cdc.gov) for more information.

Illuminating the Path to ISO 15189 Accreditation

Why is this important?

The original SLMTA curriculum (SLMTA 1) helped many laboratories achieve 2-3 SLIPTA stars, while SLMTA 2 was designed to propel them to 4-5 stars with focus on four persistently challenging Quality Systems Essentials (QSE). We are now merging and enhancing these two programs into a new curriculum aimed at teaching a process-based approach to designing a cost-effective Quality Management System (QMS) that meets ISO15189 requirements.

What's new? The goal is no longer acquiring SLIPTA stars, but to earn and sustain ISO accreditation. This course will be unveiled at the SLMTA Symposium at ASLM2018 with the first offering at the spring of 2019. We will focus on training of trainers for this course.

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

Target Audience:

- Those who have successfully completed a SLMTA TOT and have been conducting SLMTA trainings in country
- *IMPORTANT* - Participants must be very familiar with the original SLMTA curriculum and have gone through the Teachback-style TOT workshop

SLMTA

Why is this important?

SLMTA has helped 65 laboratories achieve accreditation. Nine years after it first debuted, the SLMTA TOT remains an important tool to build capacity and expertise for implementing QMS, particularly for laboratories rated at 0-1 SLIPTA stars. It helps those new to the accreditation journey gain foundational skills before they are ready to tackle more complicated QSE such as internal audit, corrective action, occurrence management and management review. The TOT employs a rigorous Teachback methodology to train trainers. We offer the TOT workshop once a year in Johannesburg, South Africa.

Participants will learn to:

- Perform 66 lab management tasks to establish a functioning QMS
- Implement the SLMTA process appropriately
- Devise improvement plans based on gaps identified in baseline audits
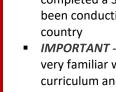- Facilitate 45 training activities in the SLMTA 1 curriculum

Target Audience:

- Ideal candidates are those who have participated in the SLMTA process and successfully implemented improvement projects in their laboratories.
- In addition, participants should have:
  - Excellent training and communication skills
  - Technical laboratory experience in a clinical setting
  - Proven ability to manage a laboratory successfully
  - Proficiency in English