SLMTA 2
A Breakthrough Curriculum
Accelerating the race to the top!
SLMTA 2

- Does **NOT** replace or change the original SLMTA
- Builds upon the foundation laid by the original SLMTA (augments, enhances)
- Comprised of
  - SLMTA Method Evaluation
  - Factor X
SLMTA Roadmap

Pre-requisites to entry

Baseline audit

Workshop #1

Improvement Projects
(3 months)

Workshop #2

Improvement Projects
(3 months)

Workshop #3

Improvement Projects
(3 months)

Exit Audit

Month 0

Month 1

Month 4

Month 7

Month 12

Month 18

Understanding ISO 15189

How To Be A Successful QA Manager

SOP Writing

BioSafety

Quality Control

Complementary Training or Mentoring
**SLMTA QC**

- 8 day workshop focuses on interpretation and implementation

| 1. Introduction – Let’s Examine the Basics | 8. Putting the TEA into Quality |
| 2. Gaussian is the Key | 9. How Far Can Your Mean Shift? |
| 4. The Front Line Worker – Applying Multirules | 11. How Proficient Are We? |
| 5. It Begins with the Right Chart | 12. Using Interlaboratory Comparison Programs |
Hands-on +
Practical +
Prescriptive =
Immediate Impact

Demonstrating the “wiggle room”

Pictionary – what is that QC term?

A human Gaussian C
SLMTA!

Posted by Sten Westgard, MS

[caption: SLMTA participants: the books should look familiar to some of you...]

We had the honor of participating (in a small way) in a recent program called SLMTA (Strengthening Laboratory Management Towards Accreditation) in Cape Town, South...
October 2014

Participants from over 20 countries

Pilot – November 2013

April 2014
What did participants say?

Powerful, a *must attend*

I had to adjust what I thought I knew

Like a spring rain that cleared the fog and myths

I am able to implement as soon as I get back

I can close the gaps and progress from 3 to 5 stars

I can stand up confidently and defend the cause of quality

I now have the right tools to advocate for QC materials to be an integral part of our lab budget

This workshop has been one of a kind – appropriate and implementable. It stands out as the best I have ever experienced. It has been some time since I have had such a revolutionary professional insight.
How big was the QC knowledge gap?

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<thead>
<tr>
<th></th>
<th>Perceived</th>
<th>Actual</th>
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<tbody>
<tr>
<td>Mean</td>
<td>75</td>
<td>31</td>
</tr>
<tr>
<td>Median</td>
<td>80</td>
<td>30</td>
</tr>
<tr>
<td>Mode</td>
<td>80</td>
<td>30</td>
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Table:

<table>
<thead>
<tr>
<th></th>
<th>Pre-test</th>
<th>Post-test</th>
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<tbody>
<tr>
<td>Pooled Mean</td>
<td>16%</td>
<td>89%</td>
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- Builds upon the foundation laid by the original SLMTA
- Comprised of
  - SLMTA QC
  - Factor X
Brainstorm session to define Factor X

\[ SLMTA \ 2 = SLMTA \ QC + X \]

Saturday meeting to identify and prioritize topics for X
Factor X =

Internal audit +

Occurrence Management +

Root Cause Analysis +

Corrective Action +

Management Reviews

ASLM SLIPTA Auditor

Measurement Analysis and Improvement

Factual approach to decision-making
Process-based Approach to a Continuously Improving a QMS

Plan
- Management Responsibility
  - Resource Management
  - Measurement, Analysis, and Improvement

Do
- Product Realization

Check
- Product

Act

Customer
- Requirements

Customer
- Satisfaction or Dissatisfaction
Measurement Analysis and Improvement

4.8 Resolution of Complaints
4.9 Identification and Control of Nonconformities
4.10 Corrective Action
4.11 Preventative Action
4.12 Continual Improvement
4.13 Evaluation and Audits
4.15 Management Review
5.6 Ensuring the Quality of Examination Results

Factor X
SLMTA 2

- Does **NOT** replace or change the original SLMTA
- Builds upon the foundation laid by the original SLMTA
- Comprised of
  - QC and Method Evaluation
  - Measurement Analysis and Improvement
Thank You