

SLMTA 2

A Breakthrough Curriculum

Accelerating the
race to the top!



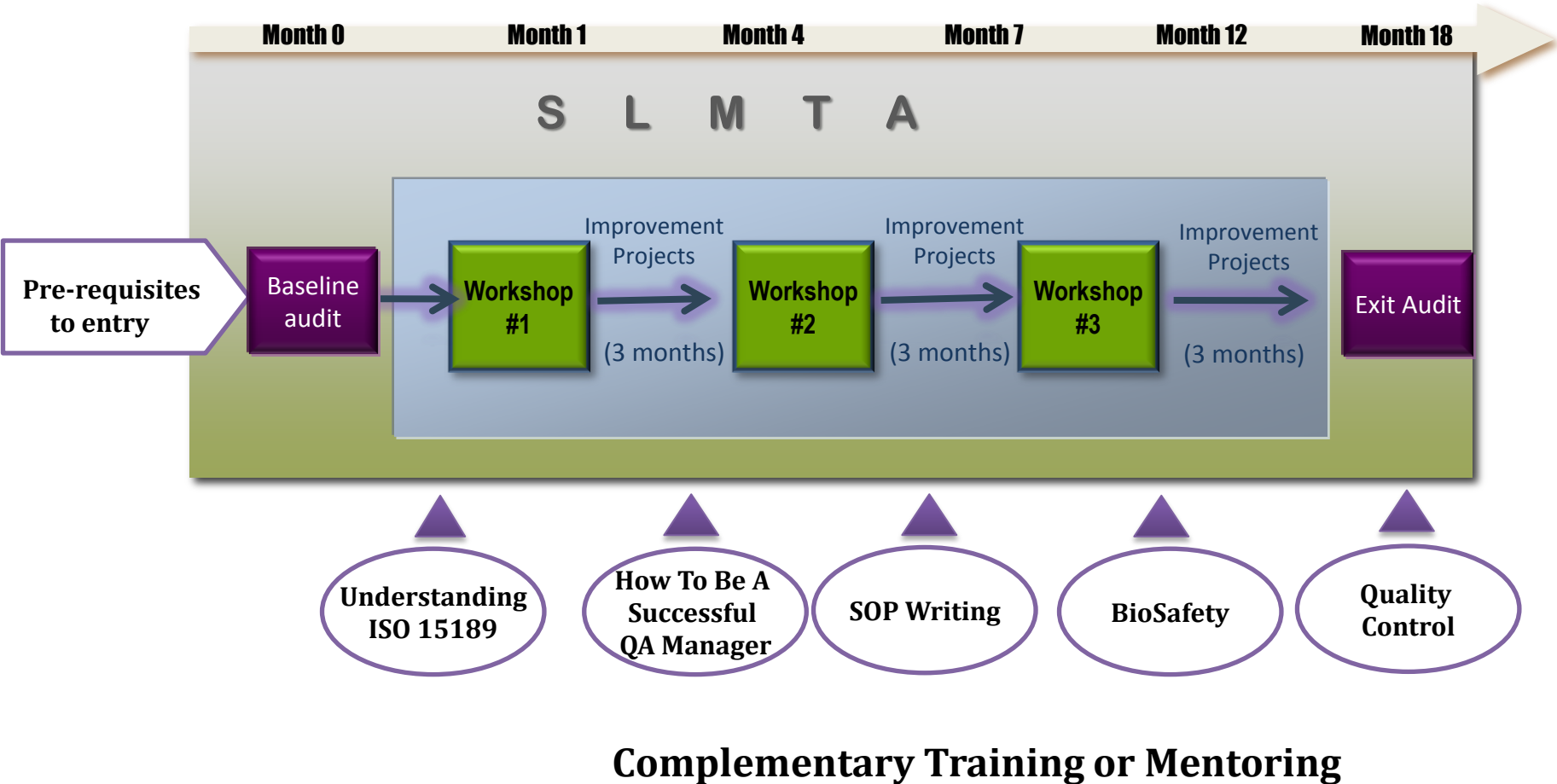
SLMTA

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



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?

3. Match It Up: A Rule Violation Game

10. How to Select Control Rules

4. The Front Line Worker – Applying Multirules

11. How Proficient Are We?

5. It Begins with the Right Chart

12. Using Interlaboratory Comparison Programs

6. Parallel Testing: Making History

13. Improvement Project Assignment

7. Total Error (TE)

14. Introduction to Method Evaluation

Analytical System
(measurement procedure)

Quality Control System

Laboratory Results

Quality Goals

Use the 1:2s rule as a scanning device

Look for abnormal clustering away from the mean



Pictionary – what is that QC term?

Hands-on +
Practical +
Prescriptive =

Immediate Impact

A human Gaussian C



Demonstrating the "wiggle room"

Pilot SLMTA QC Workshop - November 2013



The Westgard Rules

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[AACC 2009: Renewed Interest in Analytical Quality, but not in QC](#)

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[« And the winners are... | Main | Q&A: At what point can we stop trouble-shooting and report results? »](#)

November 18, 2013

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



ABOUT

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PAYING THE BILLS



Online BS in CLS

Do you want to
enhance your



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

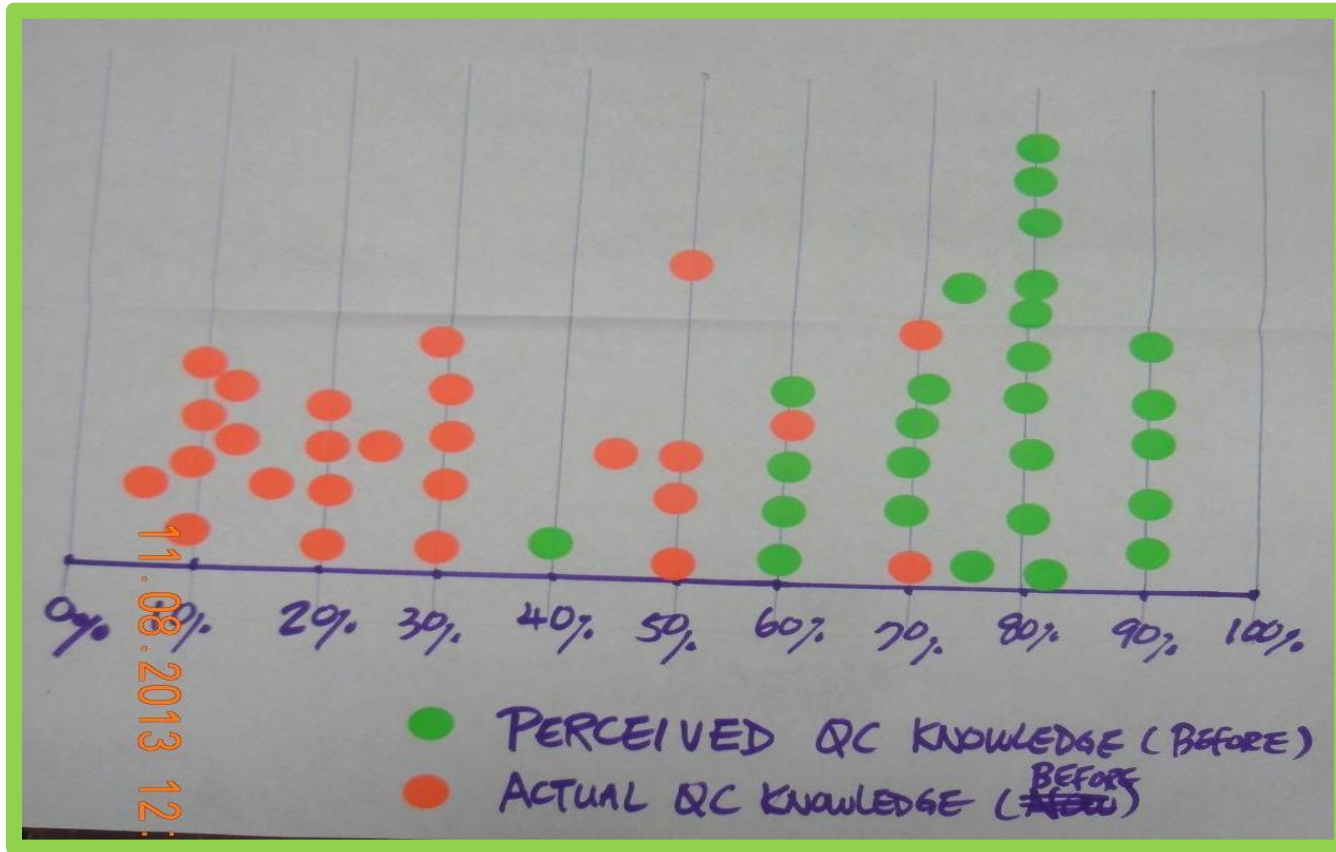
I can close the gaps and progress from 3 to 5 stars

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?



| | Perceived | Actual | Pre-test Pooled Mean | Post-test Pooled Mean |
|--------|-----------|--------|----------------------|-----------------------|
| Mean | 75 | 33 | | |
| Median | 80 | 33 | | |
| Mode | 80 | 33 | 16% | 89% |

SLMTA 2

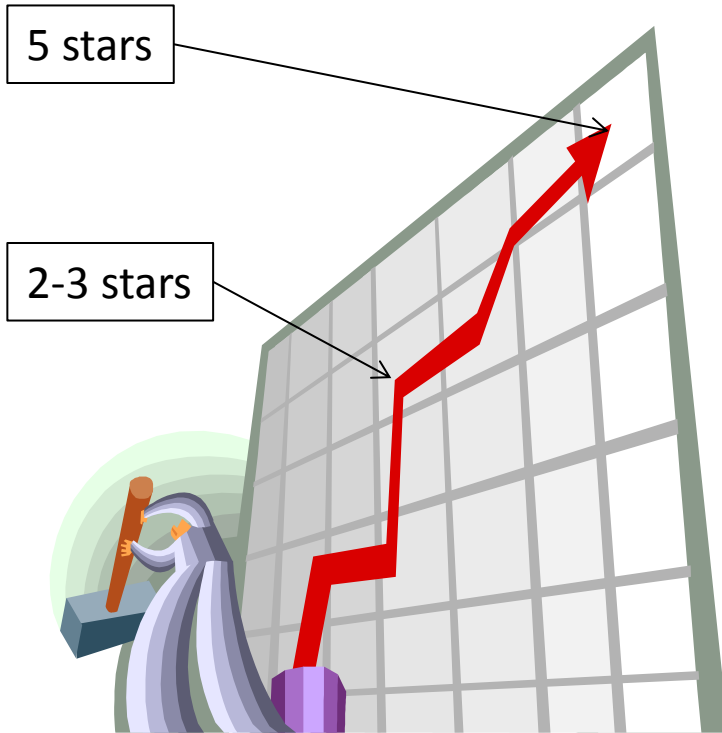
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 - ❖ SLMTA QC
 - ❖ Factor X





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 +

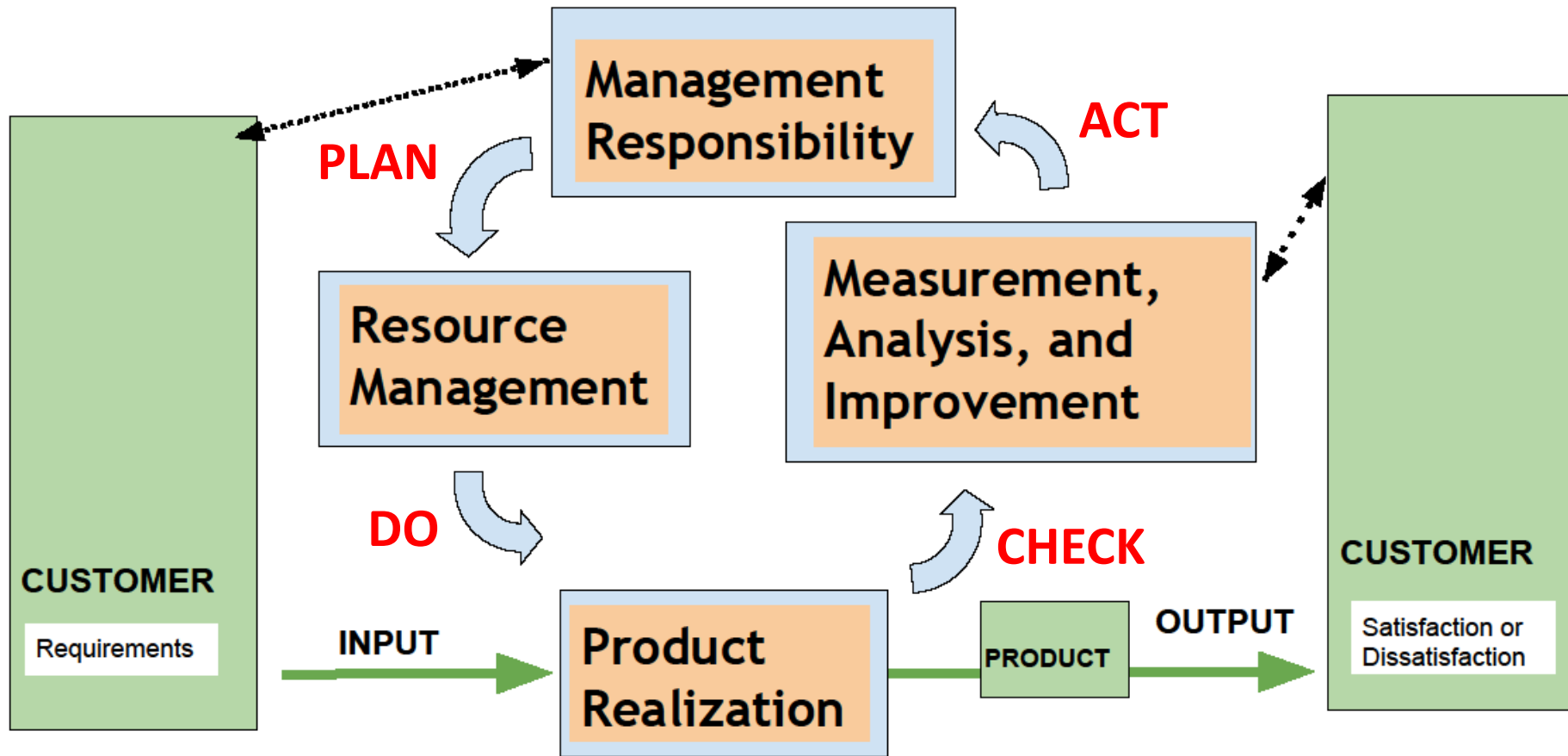
**Corrective Action
Management Reviews**

ASLM SLIPTA Auditor

Measurement Analysis and Improvement

factual approach to decision-making

Process-based Approach to a Continuously Improving a QMS



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

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- ❖ Comprised of
 - ❖ QC and Method Evaluation
 - ❖ Measurement Analysis and Improvement



**Thank
You**



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