

Promotion of the concept of Traceability in Latin America

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Global Implementation of the Concept of Traceability

becomes visible

- from the **number of JCTLM-listed reference measurement services** (Reference/Calibration laboratories),
- from the **number of laboratories participating in EQAS for Reference/Calibration Laboratories (RELA)**.

Global Implementation of the Concept of Traceability

RELA – Participants



COLABIOCLI Symposium and Workshop

Implementation of the Concept of Traceability in Clinical Laboratories in Latin America

September 25th - 26th, 2015 - Quito, Ecuador

1. Objectives:

- **Cooperation between the**
 - **Societies of Clinical Laboratories**
and the actors of the Quality Infrastructure (QI),
mainly focused to the
 - **National Metrology Institutes (NMIs)**
and the
 - **National Accreditation Bodies (NABs);**
- **Overview of activities in which these actors could work together .**

2. Target Groups:

- Representatives from **Societies of Clinical Laboratories** from Latin America
- Representatives from **National Metrology Institutes (NMIs)** of the region
- Representatives from **National Accreditation Bodies (NABs)**

•Workshop “Implementation of the Concept of Traceability in Clinical

•Laboratories in Latin America” September 25th- 26th, 2015 - Quito, Ecuador List of participants

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Countries from Latin America

- represented at the Symposium and Workshop -

Argentina

Brasil

Chile

Costa Rica

Columbia

Ecuador

El Salvador

Jamaica

Mexico

Paraguay

Peru

Uruguay

Friday, 25th September 2015

Time

Activity

Experts / Facilitator

SIMPOSIUM: Traceability

Hotel Marriott Quito, Salón Amazonas- A Chair: Raúl Girardi

10h45 - 11h15

The Concept of Traceability in laboratory medicine

El concepto de trazabilidad en la medicina de laboratorio,

Lothar Siekmann

Germany

11:00 - 11:45

Reference methodology for catalytic concentration measurements

Metodología de referencia para las mediciones de concentración catalíticas

Gerhard Schumann,

Germany

11:45 - 12:15

Traceability of HbA1c

Trazabilidad de HbA1c

Cas Weykamp,

The Netherlands

12:15 - 12:45

Proficiency testing of Reference Laboratories in Laboratory Medicine

Pruebas de competencia de Laboratorios de Referencia en Medicina de Laboratorio

Anja Kessler,

Germany

Friday, 25th September 2015

Time

Activity

Experts / Facilitator

**Workshop: Implementation of the Concept of Traceability in Clinical Laboratories
in Latin America**

14:00 – 14:50

Introduction
Short initial Presentations

Imilce Zuta, Chile
Representatives of
Clinical Societies from LA

14:50 -16:00

The Concept of Traceability - Discussion

Traceability in External Quality Assessment

Lothar Siekmann,
Germany

Lothar Siekmann,
Germany

16:20 - 17:30

IFCC Reference Procedures for Enzymes
Useful advice and calculation of measurement
uncertainties

Gerhard Schumann,
Germany

17:30 - 18:45

Requirements for Calibration/Reference Laboratories
– Accreditation according to ISO 15195 & ISO 17025

Anja Kessler,
Germany

Saturday, 26th September 2015

Time

Activity

Experts / Facilitator

Workshop: Implementation of the Concept of Traceability in Clinical Laboratories in Latin America

09:00 – 09:10

Comments, questiones with respect to the first day

09:10 – 11:00

Potential and Planned joint activities between the NMI and the National Society of Clinical Laboratories in Argentina

Raoul Girardi
Patricia Gatti

How the traceability concept for clinical laboratories is currently faced in the country ?

Mexico

Costa Rica

Chile

Sandra Quintana
Mauro Barrantes
Leonardo Aguire

11:30 – 13:00

Role of NMIs: A general overview of the dissemination of traceability for the calibration laboratories

INTI – Argentina

INMETRO – Brazil

CENAM – Mexico

LATU – Uruguay

Patricia Gatti
Wagner Wollinger
Melina Perez
Ana Ines Silva Terra

Saturday, 26th September 2015

Time

Activity

Experts / Facilitator

Workshop: Implementation of the Concept of Traceability in Clinical Laboratories
in Latin America

14:15 – 15:30

Role of the Reference Laboratory (Calibration Laboratory)

Argentina

Uruguay

Chile

Raoul Girardi

Ana Piana

Rene Gomez

15:30 – 16:05

ISO 17511 - category classification –

Experience of

Columbia

Jeremias Gomez

16:35 – 17:45

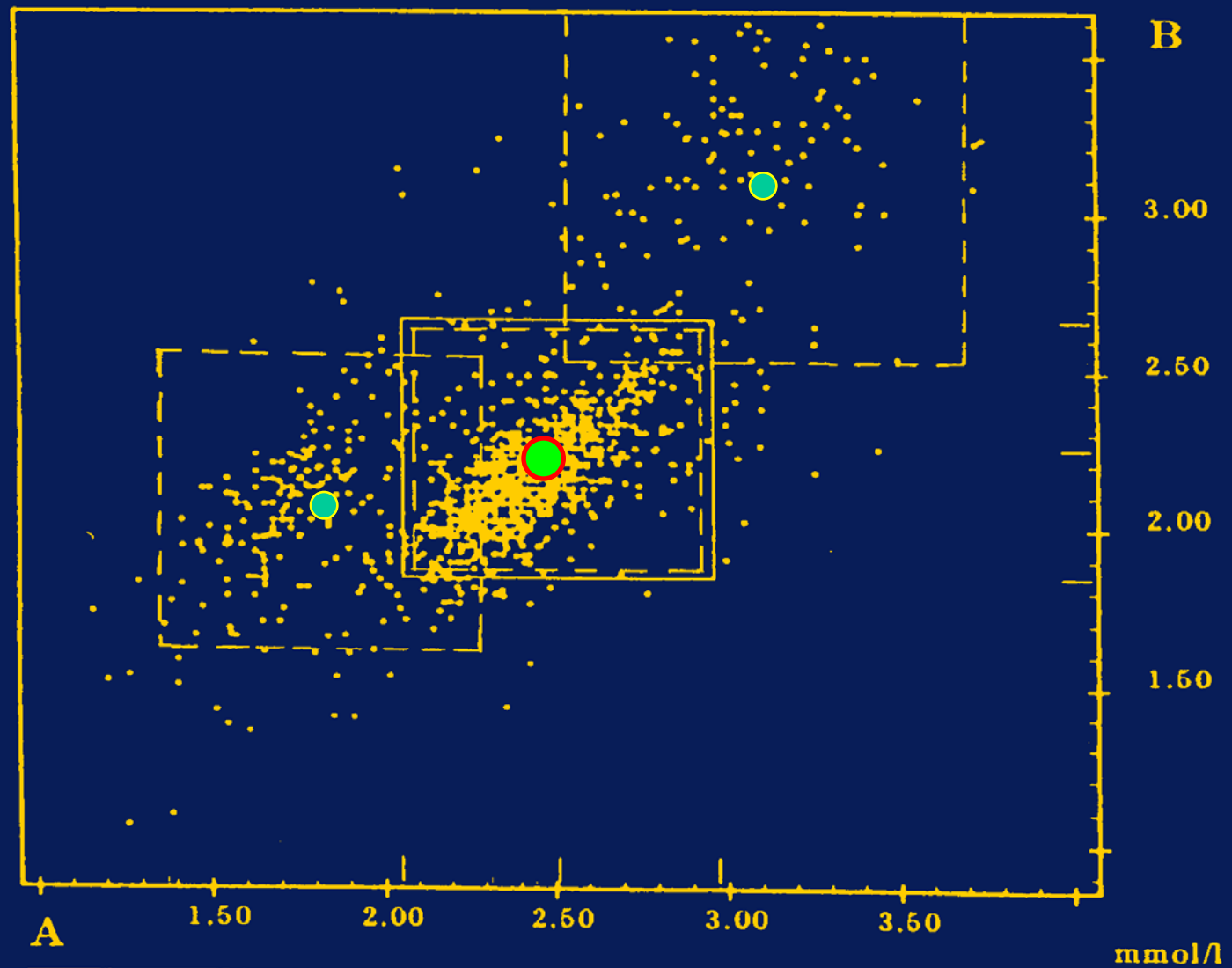
Discussion – Next Steps

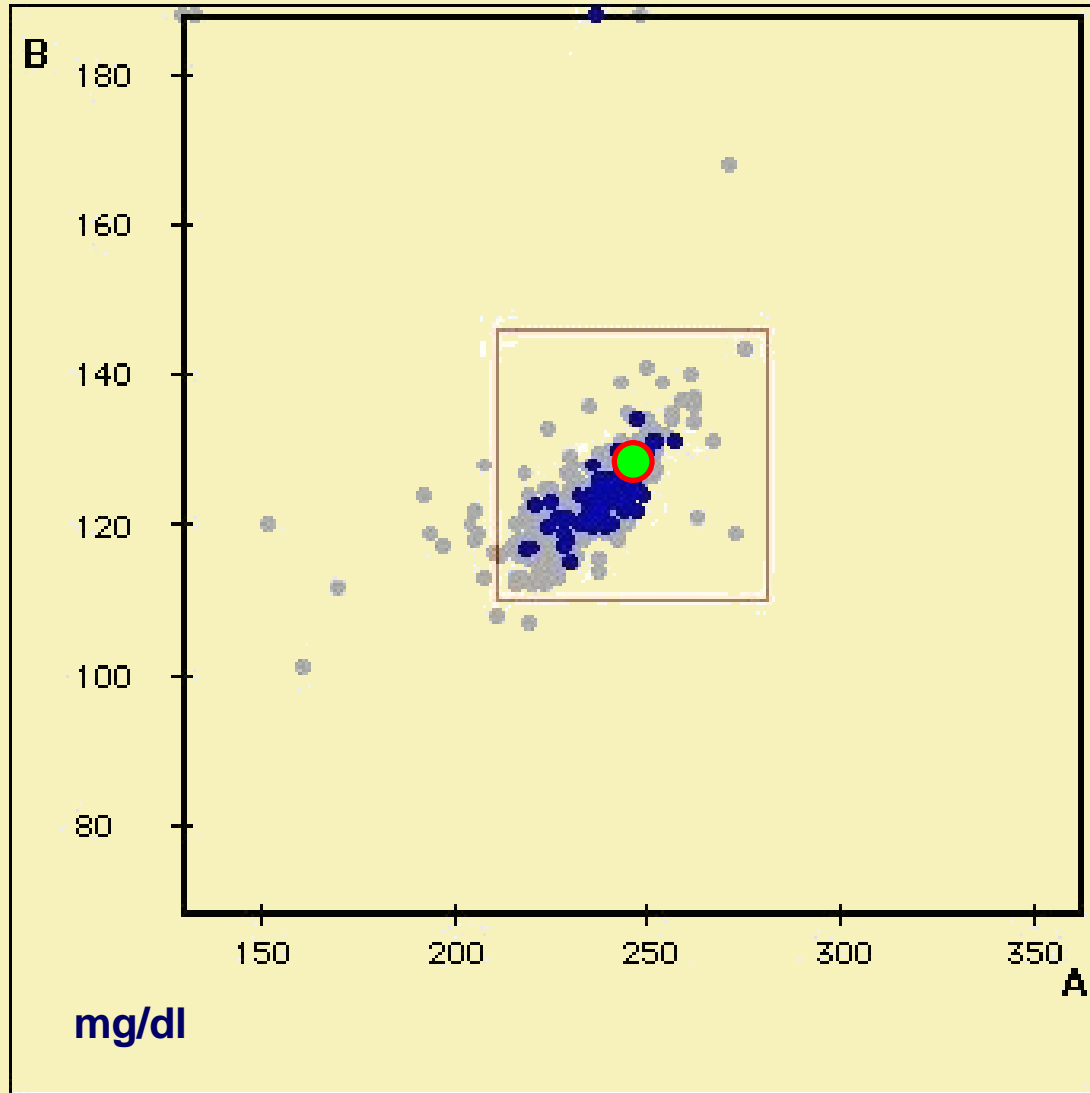
Imilce Zuta

EQA Survey 1987

Analyt	Methode
Cholesterin	Alle Methoden

Erfolgsquote 68.6%





Method: CHOD-PAP

Manufacturer: Kit - 38

Participants: 99 (680)

<http://www.dgkl-rfb.de>

Recommendations

- based on experiences in Germany -

- Each clinical chemistry laboratory must participate in **External Quality Assessment** regularly (at least four times per year).
- Whenever available **traceable target values** assigned by accredited (ISO 17025 & 15195) **reference / calibration** laboratories shall be used for evaluation of participant's results.
- **NMIs should influence legal authorities** in their countries to establish appropriate EQA systems.