



European Commission
Joint Research Centre
IRMM
Institute for Reference
Materials and Measurements



1st EFLM Strategic Conference

Defining analytical performance goals 15 years after the Stockholm Conference

8th CIRME International Scientific Meeting

Milan (IT)
24-25 November 2014



with the
auspices of 

The Stockholm conference in 1999 entitled 'Strategies to Set Analytical Quality Specifications in Laboratory Medicine' was a landmark in trying to achieve a consensus on how quality requirements should be set and a "hierarchy" was established. It is time to revisit this hierarchy investigating to what extent the advocated hierarchy is still valid or if it should be changed or expand, taking also into account performance goals for qualitative tests and for the whole testing procedure including pre- and post-analytical aspects.

SCIENTIFIC COMMITTEE

Mauro Panteghini, Italy - Co-Chair
Sverre Sandberg, Norway - Co-Chair

Callun Fraser, UK
Andrea Rita Horvath, Australia
Rob Jansen, The Netherlands
Graham Jones, Australia
Wytze Oosterhuis, The Netherlands
Per Hyltoft Petersen, Denmark
Heinz Schimmel, Belgium
Ken Sikaris, Australia

VENUE OF THE CONFERENCE

Atahotel Executive
Viale Luigi Sturzo, 45
20154 Milano, Italy
<http://www.atahotels.it/en/executive>

ORGANIZING SECRETARIAT

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EFLM thanks the following companies for the kind and unconditional support



Monday November 24th 2014

- 09:00 Registration
- 10:00 Introduction
- 10:00-10:10 **Opening**
Laboratory performance criteria revisited in 2014
Mauro Panteghini (IT)
- 10:10-10:20 What do we want to accomplish during this conference
Sverre Sandberg (NO)
- 10:20-11:00 The 1999 Stockholm conference: a summary
Callum Fraser (UK)

SESSION 1

Chairs: Wytze Oosterhuis (NL) - Elvar Theodorsson (SW)

Performance criteria based on clinical needs

- 11:00-11:30 Performance criteria based on outcome studies - is it possible?
Andrea Rita Horvath (AU)
- 11:30-12:00 Performance criteria based on true and false classification and clinical outcomes
Per Hyltoft Petersen (DK)
- 12:00-12:30 Performance criteria based on how clinicians use laboratory tests
Sverre Sandberg (NO)
- 12:30-13:00 Discussion
- 13:00-14:00 Lunch buffet

SESSION 2

Chairs: Callum Fraser (UK) - Mauro Panteghini (IT)

Performance criteria based on biological variation

- 14:00-14:30 Rationale for using data on biological variation
Carmen Ricos (ES)
- 14:30-15:00 Reliability of available biological variation information: need for improvement
Anna Carobene (IT)
- 15:00-15:30 Critical appraisal checklist for papers on biological variation
William Bartlett (UK)
- 15:30-16:00 Discussion
- 16:00-16:30 Break

SESSION 3

Chairs: Heinz Schimmel (BE) - Ken Sikaris (AU)

Performance criteria based on state of the art or laid down by regulation

- 16:30-17:00 Optimizing the use of the state of the art performance criteria
Thomas Streichert (DE)

- 17:00-17:30 Are regulation-driven performance criteria still acceptable?
Matthias Orth (DE)

- 17:30-18:00 Discussion

- 18:00-18:30 Sessions 1-3 Overall discussion
Moderators: Mauro Panteghini - Sverre Sandberg

Tuesday November 25th 2014

SESSION 4

Chairs: Rob Jansen (NL) - Sverre Sandberg (NO)

Performance criteria in different situations

- 09:00-09:30 Performance criteria for reference measurement procedures and reference materials
Heinz Schimmel (BE)
- 09:30-10:00 Performance criteria for combined uncertainty budget in the implementation of metrological traceability
Mauro Panteghini (IT)
- 10:00-10:30 Performance criteria for internal QC – how to define a significant deviation from the expected results
Ferruccio Ceriotti (IT)
- 10:30-11:00 Break
- 11:00-11:30 Performance criteria for EQA schemes – need for harmonization
Graham Jones (AU)
- 11:30-12:00 Deriving performance criteria for laboratory tests: which model should be used?
Wytze Oosterhuis (NL)
- 12:00-12:30 Performance criteria for qualitative test procedures
Gunnar Nordin (SW)
- 12:30-13:00 Discussion
- 13:00-14:00 Lunch buffet

SESSION 5

Chairs: Graham Jones (AU) - Per Hyltoft Petersen (DK)

Performance criteria for extra-analytical phases in the total testing process

- 14:00-14:30 Performance criteria and quality indicators for the pre-analytical phase
Mario Plebani (IT)
- 14:30-15:00 Performance criteria for the post-analytical phase
Ken Sikaris (AU)
- 15:00-15:30 Discussion
- 15:30-16:00 Break
- 16:00-17:00 Summing up and further work
Sverre Sandberg (NO)