

Metrology matters, a SKML symposium on

The what, the how and the why of its role as the fundament for equivalence of measurement results

Introducing symposium to the PhD defence of Marith van Schrojenstein Lantman
thesis title: How measurement uncertainty impedes clinical decision-making

Venue

To be announced lecture room at the Radboud University campus, Nijmegen, the Netherlands

Date

Tuesday 19 November 2024

Target audience

Specialists (in training) in Clinical chemistry, medical microbiology, immunology and pharmacy
Maximum attendance of 145 participants.

Language

All presentations and discussion in the symposium will be in English

Speakers and chair

Prof. Dr. Christa Cobbaert, clinical chemist, specialist in laboratory medicine, head of department of clinical chemistry of LUMC, Leiden University Medical Center, the Netherlands

Prof Cobbaert is the current chair of the IFCC scientific division overseeing the work of many IFCC committees and working groups involved in metrological traceability. As chair of the EFLM committee on European Regulatory affairs she is involved in making sure that IVDR test evaluation is also based on clinical evidence.

Prof. Mauro Panteghini, MD, specialist in laboratory medicine, Nicolaus Copernicus University, in Torun, Poland and Collegium Medicum in Bydgoszcz, Poland

Prof Panteghini has a long track record in metrological traceability in the Research Centre of Metrological Traceability in Laboratory Medicine (CIRME) of the University of Milan, Italy. He has covered many leading positions in the Joint Committee of Traceability in Laboratory Medicine (JCTLM), is former chair of the IFCC scientific division with participation in many standardization groups and is member of ISO TC212 WG 2 on reference systems.

Dr. Miranda van Berkel, clinical chemist, specialist in laboratory medicine, Department of laboratory medicine, Radboudumc Medical Center, the Netherlands.

Dr. Van Berkel is chair of the SKML section for clinical chemistry and member the IFCC working group on the standardization of neonatal bilirubin

Dr. Ruben Smeets, clinical chemist, specialist in laboratory medicine, medical immunologist and Medical Information Officer for Diagnostics, Radboudumc Medical Center, the Netherlands

Dr. Smeets is involved in many national and international committees and initiatives involved in the development of standards in laboratory data exchange making sure that experienced equivalence finds its fundament in metrological traceability.

Dr. Jaap van Hellemond, clinical parasitologist, associate professor at the Erasmus MC University Medical Center, Rotterdam, the Netherlands

Dr. van Hellemond has chaired the SKML parasitology section, developed and coordinates innovative SKML parasitology schemes with worldwide participation and is vice chair of the SKML board

Prof. Dr. Marc Thelen, director of EQA organiser SKML, Nijmegen, the Netherlands.

Prof Thelen is professor by special appointment on quality in medical laboratory care at the Radboudumc Medical Center, Nijmegen, the Netherlands, chair of the EFLM committee on quality and regulations and reference officer FIT testing for the Dutch colon cancer screening program.

Learning Objectives

After the symposium participants will understand:

- How fulfilment of IVDR requirements on metrological traceability relate to ISO17511:2021
- How relevant analytical performance specifications (APS) can be defined and met
- How the intended use has a role defining the APS
- What is required to determine whether results for the same measurand from two different laboratories can be treated as equivalent and therefore exchangeable
- How metrology and uncertainty of measurement also should be applied to fields of laboratory medicine which express their results typically on a nominal or ordinal scale

Programme

9.00-9.55	Arrival of attendants
9.55-10.00	Opening and welcome by the chair, Marc Thelen
10.00-10.45	Test evaluation; why knowing what you measure matters, Christa Cobbaert
10.45-11.30	Analytical Performance specification: how do you estimate how good is good enough? Mauro Panteghini
11.30-12.00	How the intended use has a vote in good enough, Miranda van Berkel
12.00-12.30	Why and how metrology should get a role in exchangeability, Ruben Smeets
12.30-13.00	Why this is not a problem for clinical chemistry only, Jaap van Hellemond
13.00-14.00	Sandwich Lunch
14.00-14.30	Switch location to Aula, Radboud University, Comeniuslaan 2, 6525HP Nijmegen
14.30-15.30	PhD defence Marith van Schrojenstein Lantman
15.30-16.00	Diploma ceremony
16.15-17.30	Reception

Registration

Registration costs are €100,- and include lunch and a hard copy of Mariths thesis
For registration go to www.skml.nl

Accreditation

Accreditation for the symposium is requested from NVKC, NVMM, NVZA and CMI

Further information

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