



Standardization Activities of the American Association for Clinical Chemistry

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Agenda

- A brief description of the American Association for Clinical Chemistry (AACCC)
 - Membership
 - Goals
 - Pertinent highlights from the strategic plan
- Standardization activities the AACCC is involved in
- Educational activities that the AACCC has conducted to promote traceability

AACC Membership

- An international scientific / medical society consisting of 10,000 clinical laboratory professionals
 - Physicians, research scientists and others
 - 46% hold PhD and/or MD degrees
 - 16% hold MS, MA, MBA
 - 28% Bachelors
- International membership represents 29% of the AACC's members from 110 countries.
- The AACC is a member organization of the IFCC

AACC Vision

- To provide leadership in advancing the practice and profession of clinical laboratory science and its application to health care

Strategic Plan - Initiatives

- Advance Science and Technology
- Advance the Profession
- Advance Clinical Science
- Advance Laboratory Practice

To Accomplish These Initiatives

- Provides information on scientific, clinical and technical areas
- Produces quality publications to enhance communication and improve the scientific record
- Develops high quality educational programs
- Develops programs in support of the global laboratory community

Standardization Activities

- Troponin I Subcommittee
- Provides Liaisons to other committees with an interest in standardization.

Troponin-I Subcommittee

- Stephen Kahn PhD (Chair)
- Fred Apple PhD
- Geza Bodor PhD
- Robert Christenson PhD
- Mauro Panteghini, M.D.
- Michael Welch, PhD
- Alan Wu PhD
- Jean Rhame (AACCC Staff)

Troponin-I Subcommittee

- Material is available as SRM 2921
- Commutability studies have been completed
 - A publication is in progress describing these studies
- A communication meeting has been scheduled with IVD manufacturers (December 1, 2005)
- A recommendation to develop a long term monitoring process for methods will be made by July, 2006.

Liaison to Other Standardization Activities

- Standard development Activities
 - Clinical Laboratory Standards Institute (CLSI)
 - ISO TC – 212
 - Joint Committee for Traceability (JCTLM)

Liaisons to the College of American Pathologists

- Chemistry
- Toxicology
- TDM Drug Monitoring/Endocrine
- Point of Care
- Molecular Pathology

Liaisons to the IFCC

- Committee on Standard Markers of Cardiac Damage
- Committee on Reference Systems of Enzymes
- Committee on Traceability in Laboratory Medicine

Liaison to National Kidney Disease Education Program (Creatinine and GFR)

- Developed a reference procedure (ID/LC/MS)
- Developing a serum based reference material (Available from NIST first quarter of 2006)
 - Commutability Studies are being planned
- Communicated new accuracy requirements and the availability of the material to IVD Manufacturers
- Implementation is expected to be complete in 2007

Education Programs to Promote Standardization to Members and IVD Manufacturers

- Edutraks at the last four Annual Meetings
- Workshop held at the 2005 Annual Meeting
- Industry Division Forums at the last four Annual Meetings

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**Thank You for Your
Attention**