

**ACCE 2009/2010 Teleconferences
Registration Form**

Please register us for the following sessions:

- _____ **Entire series** (10 sessions)
- ACCE Member: \$1350/Series
 - Non-Member: \$1395/Series
- Special Membership Offer for Non-Members.
See Below for details.*
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- _____ **Individual Sessions** (select/circle)
- ACCE Member: \$150/Session
 - Non-Member: \$195/Session

July 16, 2009 December 17, 2009

August 20, 2009 January 21, 2010

September 17, 2009 February 18, 2010

October 15, 2009 March 18, 2010

November 19, 2009 April 15, 2010

Total: _____ sessions @ \$150/\$195 each = \$ _____

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Fax registration form to: (480) 247-5040

Or Mail to: Alan Levenson
ACCE Secretariat
5200 Butler Pike
Plymouth Meeting, PA 19462-1298

Or Email to: Secretariat@accenet.org
(With credit card information)

American College of Clinical Engineering
5200 Butler Pike
Plymouth Meeting, PA 19462-1298



Presents

**The Annual 2009/2010 Audio Educational
Teleconference Series**



Brought to you by the ACCE Education Committee



*Alan Levenson, Teleconference Coordinator
Arif Subhan, MS, CCE, Chair, Education Committee
James O. Wear, PhD, CCE, Past Chair, Education Committee*

ACCE Mission

*To establish a standard of competence and to promote
excellence in Clinical Engineering Practice.*

*To promote safe and effective application of Science and
Technology to patient care.*

*To define the body of knowledge on which the profession is
based.*

To represent the professional interests of Clinical Engineers.

**ACCE 2009-2010
Educational Teleconference Schedule**

July 16, 2009

How to Prepare for the Certification in Clinical Engineering (CCE) Exam?

Frank R. Painter, MS, CCE, Director, Clinical Engineering Program, University of Connecticut;

Arif Subhan, MS, CCE, Senior Clinical Engineer, Masterplan

This session provides an overview of the CCE exam, the application process, eligibility requirements and resources offered by ACCE to prepare for the exam.

August 20, 2009

How to Prepare for the Certified Biomedical Equipment Technician (CBET) Exam?

Ed Snyder, BS, CBET, Biomedical Supervisor, Thomas Jefferson University Hospital; Matt Baretich, PhD, PE, CCE, President, Baretich Engineering; Arif Subhan, MS, CCE, Senior Clinical Engineer, Masterplan

This session will provide an overview of the CBET Exam offered by the ICC/USCC. It will review the application process, eligibility requirements and resources including teleconference series available to prepare for the exam.

September 17, 2009

NFPA 99 changes Affecting Clinical Engineering

*Alan Lipschultz, CCE, PE, CSP, Director, Clinical Engineering Christiana Care Health Services, Newark, DE
Chair, Medical Equipment Committee (responsible for revising the current chapters 8 and 9 covering Gas and Electrical Medical Equipment)*

"NFPA 99 - Health Care Facilities" has undergone a major revision. The new document is now a Code (similar to National Electrical Code or Life Safety Code) rather than a voluntary standard. A Code is designed to be adopted into law by different Authorities Having Jurisdiction. The NFPA 99 committee made a strong effort to strip out the "nice to have" language and only leave the "need to have" language. The Clinical Engineering community needs to understand the resulting document, especially if adopted into law in their area. Major changes include removing the requirement for periodic electrical safety checking. The requirements regarding isolated power in the operating room have been strengthened over the previous edition.

October 15, 2009

IEC 80001 Application of risk management for IT-networks incorporating medical devices

Rick Hampton, Wireless Communications Manager, Partners HealthCare System, Boston, MA; Todd Cooper, President, Breakthrough Solutions Foundry Inc, San Diego, CA

This session will review the IEC 80001-1 draft standard, which is scheduled for release in late 2010, and examine issues and strategies for its application to biomedical and clinical engineering practices. It will also look beyond the

foundational IEC 80001-1 standard to other proposed guidance documents that will facilitate implementation projects and technology specific applications. The standard is being co-developed by the ISO TC215 / IEC SC62A Joint Working Group 7.

November 19, 2009

IHE Status & Update

Emanuel Furst, PhD, CCE, President, Improvement Technologies, LLC; Todd Cooper, President, Breakthrough Solutions Foundry Inc, San Diego, CA

Integrating the Healthcare Enterprise (IHE) International brings health I.T. users and vendors together to identify and develop open standards-based solutions to specific real-world integration problems. The IHE Patient Care Device (PCD) group has not only worked on general medical device interoperability issues but is now focusing on the use of I.T. for Medical Equipment Management (MEM). This session reviews the IHE PCD work program with special emphasis on MEM white paper and development of related profiles.

December 17, 2009

Evidence-Based Maintenance

*Binseng Wang, ScD, CCE, FAIMBE, FACCE
Vice President, Performance Management & Regulatory Compliance, Aramark*

Clinical engineering (CE) professionals have realized for some time that the "preventive maintenance" (PM) that they have been performing for many years is no longer able to *prevent* any failures, although some safety and performance inspections (SPIs) can help detect *hidden* and *potential* failures that affect patient safety. To help CE professionals decide whether they should continue to PM or not, a systematic method for determining maintenance effectiveness has been developed. This method uses a small set of failures codes to classify problems found during repairs and PMs and SPIs. Analysis of the failure patterns and their effects on patients and users allows CE professionals to compare different maintenance strategies and justify changes in strategies, such as decreasing scheduled maintenance, deploying statistical sampling, or even eliminating scheduled maintenance.

January 21, 2010

Benchmarking Best Practices & CE Performance Data

Matt Baretich, PhD, PE, CCE, President, Baretich Engineering; Frank R. Painter, MS, CCE, Director, Clinical Engineering Program, University of Connecticut

AAMI's Benchmarking Solution is an online self-assessment tool for clinical engineering programs. It combines quantitative benchmarking with qualitative review of best practices. In this session you'll hear from two of the "subject matter experts" who helped design the tool. You'll learn about the engineering of a tool that integrates best

practices and benchmarking measures to effectively compare individual CE programs with each other, creating an effective performance improvement initiative.

February 18, 2010

The Joint Commission Update

George Mills, MBA, FASHE, CEM, CHFM, Senior Engineer, Standard Interpretation Group, Joint Commission

This session will provide an update on the Joint Commission standards, scoring and survey process for medical equipment.

March 18, 2010

How to Manage a Successful Imaging Services Group?

Grant Smith, CRES, Assistant Director, Imaging Engineering & Diagnostic Support, Duke University Health System

April 15, 2010

Standards and Standards efforts in the Medical Device-Information System Interface

Bridget Moorman, MS, CCE, President, BMoorman Consulting, LLC

It will provide a review of all the current efforts in the standards arena pertaining to medical device interoperability to include The Continua Alliance, IHE-PCD, ASTM and HITSIP. Find out what is new and how a CE or BMET can use the information to better manage any interoperability projects they may have.

The teleconferences are held the 3rd Thursday of each month at 12 Noon Eastern Time (9:00AM Pacific Time etc). Unless otherwise noted, the teleconferences are one hour long; typically a 45-50 minute presentation followed by 10-15 minutes of Q and A. Registrants will receive the call-in number and presentation material prior to each session. For ACCE members, the cost of each session is \$150 per site. For non-members the cost of each teleconference is \$195* per site. This allows for four (4) participants from each site using one phone line, each additional participant is \$10. If nine (9) teleconferences are purchased the tenth one is free. CDs of each Teleconference will also be available for \$50 each.

Questions: Alan Levenson ; Email: Secretariat@accenet.org
Phone (Voicemail): (610) 825-6067

Special ACCE Membership Discount*

- o Buy the series at \$1395 and receive 25% off your first year of ACCE membership
 - o Register and pay for the teleconference series
- For each applicant:
- o Complete the ACCE membership application, available at <http://www.accenet.org>
 - o Send in all application materials and a check for \$45 (reduced membership fee)
 - o Write **ACCE Teleconference Series** at the top of the application

Applications will be reviewed by the Membership Committee and Board of Directors using criteria outlined in the ACCE Bylaws. Applicants will be individually notified of acceptance by email or by letter.

**This offer applies to new applicants only.*