

Continuing Medical Education



Perelman
School of Medicine
UNIVERSITY of PENNSYLVANIA

Center for Resuscitation Science
The Department of Emergency Medicine
Hospital of the University of Pennsylvania

Presents

HYPOTHERMIA AND RESUSCITATION TRAINING INSTITUTE AT PENN (HART)



A CME/CE-CERTIFIED COURSE

**Thursday-Friday
March 14-15, 2013**

Loews Philadelphia Hotel
1200 Market Street
Philadelphia, PA 19107



COURSE CO-DIRECTORS

Benjamin S. Abella, MD, MPhil
Gail Delfin, MSN, RN, CCRN, CCNS

GUEST FACULTY

TBD



PROGRAM OVERVIEW & TARGET AUDIENCE

Hypothermia and Resuscitation Training Institute at Penn (HART) is an intensive two-day “boot camp” designed to educate relevant care providers on the use of therapeutic temperature management (TTM) in critical illness and post-arrest and resuscitation care, as well as CPR quality, cardiac catheterization, internal cardiac defibrillator (ICD) consideration and advanced ICU care. In addition to scholarly presentations and discussions regarding therapeutic temperature management usage, a key goal is to help each attendee explore the various methods and protocols currently being used around the country and to have hands-on technical experience with the equipment used, as well as CPR “challenge” simulations. By the conclusion of the course, each attendee will have a firm grasp of the practical issues surrounding the implementation of therapeutic temperature management and its range of applications and uses, and will gain an understanding of how to best develop and implement a comprehensive in-hospital high quality resuscitation program.

This activity has been designed for physicians (cardiologists, neurologists, emergency medicine physicians, intensive care physicians), physician assistants, registered and advanced practice nurses, and emergency medical service directors and paramedics.

Learning Objectives

At the conclusion of this program, learners should be able to:

- Review the history, evidence and pathophysiology surrounding the use of TTM
- Create a working TTM protocol for their respective institutions
- Determine appropriate inclusion and exclusion criteria for patients being considered for comprehensive care including temperature and hemodynamic management
- Implement TTM for patients at their respective institutions
- Develop a “post-cardiac arrest bundle” of care for their organization including the use of automatic external defibrillators, CPR quality improvement, and debriefing arrest events

Hosting Department

Hypothermia and Resuscitation Training Institute at Penn (HART) is hosted by the Center for Resuscitation Science, Department of Emergency Medicine (Hospital of the University of Pennsylvania) Perelman School of Medicine at the University of Pennsylvania.

Accreditation

The Perelman School of Medicine at the University of Pennsylvania is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Office of Human Research, Perelman School of Medicine at the University of Pennsylvania is an approved provider of continuing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Designation of Credit

Physicians: The Perelman School of Medicine at the University of Pennsylvania designates this live activity for a maximum of 15.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses: This continuing nursing education activity is approved for 15.5 credit hours by the PA State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Disclosures

Perelman School of Medicine at the University of Pennsylvania, Office of Continuing Medical Education, adheres to the *ACCME Standards for Commercial Support*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products within their presentations.

Registration Fees

The registration fees for *Hypothermia and Resuscitation Training Institute at Penn (HART)* are \$595 for physicians and industry and \$395 for allied health professionals, residents, and fellows. The registration fee includes tuition, course syllabus on a flash drive, continental breakfasts, morning and afternoon breaks, lunches and a reception on Thursday, March 14, 2013.

Registration forms may be mailed or faxed to the Office of Continuing Medical Education or you may register on-line at www.penncmionline.com and click on CME Activities/Live Events. Please see the bottom of the registration form for contact information. All registrations will be confirmed in writing if the necessary form and fee are received by the Office of Continuing Medical Education by February 28, 2013.

Cancellation and Refund Policy

In order to process refunds for course withdrawals, cancellations must be received in writing by February 28, 2013 (subject to a service charge equivalent to 10% of the registration fee). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund any registration fees but is not responsible for any related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

Meeting Location

Hypothermia and Resuscitation Training Institute at Penn (HART) will take place on Thursday and Friday, March 14-15, 2013 at the Loews Philadelphia Hotel, 1200 Market Street, Philadelphia, PA. Directions will be mailed to you with your registration confirmation letter.

If you require overnight room reservations, please call the Loews Philadelphia Hotel at 215-627-1200. You may also register online using the following link: <http://www.loewshotels.com/en/Philadelphia-Hotel/GroupPages/UPE090712> enter the following booking code – UPE11J. A block of rooms has been reserved for September 5-6 at the special rate of \$159 plus applicable taxes at the time of checkout, currently 15.2%. This rate will remain effective until February 28, 2013 or when the room block is full, whichever occurs earlier. Parking is available at the hotel. Current valet charges are \$36 per night plus tax. The parking fee is your responsibility and is not included or reimbursed by the conference.



Except as otherwise indicated, the course directors and faculty are from Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA

COURSE DIRECTORS

Benjamin S. Abella, MD, MPhil

Assistant Professor

Department of Emergency Medicine

Perelman School of Medicine at the University of Pennsylvania

Clinical Research Director

Center for Resuscitation Science

Attending Physician, Emergency Department

Hospital of the University of Pennsylvania

Gail Delfin, MSN, RN, CCRN, CCNS

Cardiac Intermediate Care Unit

Hospital of the University of Pennsylvania

GUEST FACULTY

TBD

Services for the Disabled If special arrangements are required for an individual with a disability to attend this meeting, please contact the Office of Continuing Medical Education no later than February 28, 2013, at 215-898-8005.

Nondiscrimination Statement The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action

FACULTY

Cassandra Bellamy, PharmD, BCPS

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Medical Intensive Care

Hospital of the University of Pennsylvania

Lance B. Becker, MD

Professor of Medicine

University of Pennsylvania School of Medicine

Director, Center for Resuscitation Science

Attending Physician, Emergency Department

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Nurse, Medical Intensive Care Unit

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Joshua M. Levine, MD

Assistant Professor of Neurology

Perelman School of Medicine at the University of Pennsylvania

Co-director, Neurocritical Care Program

Departments of Neurology, Neurosurgery and Anesthesiology

Hospital of the University of Pennsylvania



Thursday – Friday, March 14-15, 2013

AGENDA

Thursday, March 14, 2013

7:30 AM – 8:00 AM **Registration and Continental Breakfast**

8:00 AM – 8:15 AM **Welcome and Course Orientation**
Benjamin S. Abella, MD, MPhil

DIDACTIC LECTURE BLOCK

8:15 AM – 9:00 AM **Review of Post-resuscitation Care Evidence and Trials**
Benjamin S. Abella, MD, MPhil

9:00 AM – 9:45 AM **Review of TTM and FDA Approved Indications**
David F. Gaieski, MD

9:45 AM – 10:05 AM **Break**

10:05 AM – 10:45 AM **How to be a Champion: Knowledge Translation and Roadblocks**
Gail Delfin, MSN, RN, CCRN, CCN

10:45 AM – 11:15 AM **Breaking the Barriers to Raising the Dead**
Lance B. Becker, MD

11:15 AM – 11:30 AM **Survivor Story**

11:30 AM – 12:20 PM **Lunch With Q & A Faculty Panel:**
Benjamin S. Abella, MD, MPhil
Gail Delfin, MSN, RN, CCRN, CCN
David F. Gaieski, MD

12:20 PM – 12:30 PM **Simulation: Case Demo**
Marion Leary, BSN, RN

BREAKOUT SESSIONS AND SIMULATIONS (FIVE TEAMS WITH ROTATIONS)

12:30 PM – 4:00 PM **Station 1: Building Your Team to Implement and Manage TTM**
Benjamin S. Abella, MD, MPhil

Station 2: Patient Selection and Implementation of Protocol
David F. Gaieski, MD

Station 3: “Hands-on” CPR Quality Stations

Station 4: Post-arrest Simulation

Station 5: Post-arrest Simulation

4:00 PM – 6:00 PM **Reception**

Friday, March 15, 2013

7:30 AM – 8:00 AM **Registration and Continental Breakfast**

DIDACTIC LECTURE BLOCK

8:00 AM – 8:45 AM **TTM and Cardiovascular Management**
Daniel M. Kolansky, MD

8:45 AM – 9:30 AM **TTM and Neurological Monitoring**
Joshua M. Levine, MD

9:30 AM – 9:45 AM **Break and Exhibits**

9:45 AM – 10:15 AM **Pharmacological Considerations With Cooling**
Cassandra Bellamy, PharmD, BCPS

10:15 AM – 10:45 AM **Adverse Effects of TTM: Managing Side Effects**
Barry D. Fuchs, MD

10:45 AM – 11:30 AM **Building a Resuscitation Quality Program: Defibrillation, QA, & Beyond**
Benjamin S. Abella, MD, MPhil

11:30 AM – 12:35 PM **Lunch Lecture**
TBD
TBD

BREAKOUT SESSIONS AND SIMULATIONS (FIVE TEAMS WITH ROTATIONS)

12:35 PM – 4:00 PM **Station 1: Monitoring of Post-arrest Patients and Potential Pitfalls**
Gail Delfin, MSN, RN, CCRN, CCN

Station 2: Using TTM for Neurologic Injury, Other Applications
Joshua M. Levine, MD

Station 3: Certification Exam
Benjamin S. Abella, MD, MPhil

Station 4: Post-arrest Simulation

Station 5: Post-arrest Simulation

4:00 PM **Adjournment**

**HYPOTHERMIA AND RESUSCITATION
TRAINING INSTITUTE AT PENN (HART)**

Thursday – Friday
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To register online for the course please visit www.penncmeonline.com and click on CME Activities

You May Also Mail or Fax Payment and Registration Information to:

Conference Coordinator, Perelman School of Medicine at the University of Pennsylvania, Office of Continuing Medical Education
333 Blockley Hall, 423 Guardian Drive, Philadelphia, PA 19104-6021
Phone: 215-898-6400; 215-898-8005 | Fax: 215-898-1888
penncme@mail.med.upenn.edu

Please print or type

Name (First) _____ (Last) _____

Academic Degree _____

Medical Specialty _____

Affiliation (Hospital, Office, or Company) _____

Address (Affiliation or Home) _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Registration Fee (pre-payment is required to be officially registered)

- \$595 Physicians and Industry
- \$395 Allied Health Professionals, Residents and Fellows

Optional Purchase

(Must register and pay for course in order to purchase any additional options)

Optional DVD – July 15-16, 2010 Hypothermia Lecture Series

- \$50 for all registrants

Optional Black and White Syllabus (wire bound)

- \$50 for all registrants

Payment Method

Make check payable to **The Trustees of the University of Pennsylvania/CME**

- Visa
- MasterCard
- Discover
- American Express

Authorization Signature _____

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Card # _____ Security Code _____ Exp. Date _____

Promotional Code Number _____

Please Note: Walk-in registrants must bring payment to the program.
Seating may be limited for walk-in registrants.