

Continuing Education Credit

This activity has been planned and implemented in accordance with the Essential Areas and Policies for the Accreditation Council for Continuing Medical Education through joint sponsorship of ACEP, the Michigan College of Emergency Physicians, and the Wayne State University Department of Emergency Medicine.

The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American College of Emergency Physicians designates this educational activity for a maximum of 15.75 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Approved by the American College of Emergency Physicians for 15.75 hours of ACEP Category I credit.

Syllabus

In an effort to “go green” the program syllabus will be provided in PDF format available for download at www.mcep.org.

For More Information

Contact MCEP at maryann@mcep.org or call 517-327-5700 for more information or if you require ADA accommodations. Changes or updates on conference details received after the publication of this brochure will be posted at www.mcep.org

Exhibitors

Several companies have been invited to exhibit at this conference. Confirmed exhibitors include:

Bristol-Meyers
Cardiodynamics International
Medical Center Emergency Services, Inc.

Recommendations for additional potential exhibitors should be sent to: maryann@mcep.org

Faculty List

Keynote Speakers

Nathan Shapiro, MD, MPH, Beth Israel
Deaconess Medical Center, Boston
Robert E. O'Connor, MD, MPH,
University of Virginia, Charlottesville

Speakers

Cynthia K. Aaron, MD, FACMT, FACEP,
Children's Hospital of Michigan

Robert Dunne, MD, FACEP,
St. John Hospital and Medical Center

Audwin J. Garcia, MD,
Henry Ford Hospital

Nikhil Goyal, MD, Henry Ford Hospital

Gregory L. Hays, MD,
Henry Ford Hospital

Julia L. Hays, MD, Henry Ford Hospital

Stephen R. Knazik, DO, MBA, FACEP,
FAAP, Children's Hospital of Michigan

Gloria J. Kuhn, DO, PhD, FACEP,
Wayne State University

Anthony T. Lagina, III, MD, FACEP,
Wayne State University

Phillip D. Levy, MD, MPH, FACEP,
Wayne State University

Christopher A. Lewandowski, MD,
FACEP, Henry Ford Hospital

Prashant V. Mahajan, MD, MPH, MBA,
Children's Hospital of Michigan

David P. Milzman, MD, FACEP,
Georgetown University, Washington D.C.

Joseph B. Miller, MD, Henry Ford Hospital

Brian J. O'Neil, MD, FACEP,
Wayne State University

Ronny M. Otero, MD, FACEP,
Wayne State University

Marc S. Rosenthal, DO, PhD, FACEP,
Wayne State University

Robert L. Sherwin, MD,
Wayne State University

Jonathon M. Sullivan, MD, PhD,
Wayne State University

Taher T. Vohra, MD, Henry Ford Hospital

Robert D. Welch, MD, MS, FACEP,
Wayne State University

Suzanne R. White, MD, FACEP, FACMT,
Wayne State University

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6647 West St. Joseph Hwy.
Lansing, MI 48917

**Hurry! Room block expires
July 30, 2009!**
**'Early Bird' conference registration
ends August 1, 2009!**
15.75 ACEP Category I Credits
3 Elective Workshops
• Ultrasound
• Difficult Airway
• Induced Hypothermia

Critical Care in the Emergency Department

August 31 – September 1, 2009

**Grand Traverse Resort and Spa
Traverse City, Michigan**



Presented by:


**MICHIGAN COLLEGE OF
EMERGENCY PHYSICIANS**

**WAYNE STATE
UNIVERSITY**
SCHOOL OF MEDICINE

American College of Emergency Physicians

Critical Care in the Emergency Department – Schedule of Events

August 31, 2009

6:00-7:00 am On-Site Registration and Continental Breakfast – Visit the Exhibits

7:00-7:10 am Critical Care Practice in the Emergency Department

Robert Sherwin, MD
This session will provide an overview of the topic of critical illness in the ED and the difficulties facing contemporary EDs in caring for critically ill patients.

7:10-7:45 am Physiology of Cerebral Resuscitation

Jonathan Sullivan, MD, PhD
This session will discuss metabolic pathways involved in neurologic injury secondary to ischemia and insult and improving the understanding of ischemic and traumatic injury.

7:45-8:20 am Post-Cardiac Resuscitation

Brian O’Neil, MD
This session will focus on the basic tenets of management of cardiac arrest survivors during the initial hours of hospital care, including interventions and recommendations.

8:20-8:55 am Management of Acute Stroke

Christopher Lewandowski, MD
This session will highlight the indications and contraindications for the use of tPA, the initial work-up and evaluation of a patient with acute stroke, and new therapies on the horizon.

8:55-9:15 am BREAK – Visit the Exhibits

9:15-9:50 am Status Epilepticus

Robert Welch, MD
This session will focus on best practice interventions for patients in status epilepticus, including diagnosis, work-up, disposition, and management of these patients.

9:50-10:25 am Lactate and the Shock State

Anthony Lagina, MD
This session will address the value of lactate measurement, including the interpretation of lactate measures in different clinical scenarios and the use of lactate in various patient presentations.

10:25-11:00 am Vasopressors in Shock

Joseph Miller, MD
This session will share state-of-the-art information regarding vasopressors, including the physiology and effects of various vasopressors and the best practices related to their use.

11:00-12:00 noon Sepsis and Septic Shock

Nathan Shapiro, MD
This keynote session will describe how to diagnose sepsis, severe sepsis, and septic shock, as well as the components of resuscitation in sepsis and septic shock, including steroids and early goal directed therapy.

12:00-1:30 pm LUNCH (on your own)

1:30-2:05 pm Toxicologic Cardiovascular Collapse I

Suzanne White, MD
This session will highlight the epidemiology of toxicological exposures that can lead to cardiovascular collapse and the identification of specific toxidromes associated with specific overdose scenarios.

2:05-2:40 pm Toxicologic Cardiovascular Collapse II

Cynthia Aaron, MD
This session will focus on the potential toxic exposures in an overdose situation, as well as interpreting the work-up of an overdosed patient, including anion gap acidosis and EKG changes.

2:40-3:15 pm Massive Pulmonary Embolism

Taher Vohra, MD
This session will highlight the best practices of the management of patients with massive pulmonary embolisms; when to use diagnostic modes, including CT and pulmonary angiogram; and identifying patients with massive pulmonary embolism and use of tPA.

3:15-3:50 pm Complications of STEMI

Ronny Otero, MD
This session will discuss how to properly identify mechanical complications in patients with ST elevation myocardial infarctions and effectively manage patients with STEMI complications.

3:50-4:25 pm Blood Pressure Management in Chronic Heart Failure

Phillip Levy, MD, MPH
This session will address the principles underlying blood pressure management in patients with congestive heart failure, including discussion of the various drugs and end organ dysfunctions, and the acute management of blood pressure in ED patients.

September 1, 2009

6:30-7:00 am On-Site Registration and Continental Breakfast – Visit the Exhibits

7:00-7:35 am Pediatric Respiratory Emergencies

Julie Hays, MD
This session will describe the differential diagnosis of pediatric patients presenting with respiratory distress and the work-up and intervention required by various diagnoses.

7:35-8:10 am Ductal Dependent Lesions in Your Emergency Department

Prashant Mahajan, MD, MPH, MBA
This session will focus on the differential diagnosis of pediatric patients presenting with cardiac disease and congenital cardiac defects, including the interventions and disposition of these patients.

8:10-8:55 am Goal Directed Management in Pediatric Trauma

Steven Knazik, MD
This session will highlight the epidemiology of pediatric trauma, the management and work-up of these patients, and the specific considerations of trauma relative to pediatric patients.

8:55-9:30 am Critical Management of Trauma in the Emergency Department

David Milzman, MD
This session will provide an overview of trauma and its impact on EDs, including the basic tenets of trauma evaluation and resuscitation, and concepts relating to trauma care in the acute setting.

4:25-5:00 pm Hemodynamic Monitoring in the Emergency Department

Audwin Garcia, MD
This session will focus on the various modalities of hemodynamic monitoring in the ED and the value and limitations of various monitoring devices.

9:30-9:50 am BREAK – Visit the Exhibits

9:50-10:25 am Pre-Hospital Critical Care Management

Robert Dunne, MD
This session will discuss the abilities and limitations of critical care management, as well as principles governing pre-hospital care and training.

10:25-11:00 am Mechanical Ventilation and NIPPV

Nikhil Goyal, MD
This session will address the indications for the use of mechanical ventilation, how to troubleshoot unstable intubated patients, and evaluate for complications due to mechanical ventilation.

11:00-12:00 noon The Past, Present, and Future of ACLS

Robert O’Connor, MD
This keynote session will describe the background of ACLS and future directions, review of updates of the ACLS components to highlight recent important changes in management, and how the algorithms have been altered and the justification for these alterations.

12:00-1:30 pm LUNCH (on your own)

Workshops – September 1, 2009

Following lunch on September 1, from 1:30 until 4:30 pm, participants may select one of three workshops listed below. There is an additional charge of \$65 for workshop registration.

Ultrasound Guided Resuscitation Workshop, Phillip Levy, MD, Audwin Garcia, MD, and Gregory Hays, MD

This hands-on workshop will focus on the use of ultrasound to evaluate critically ill patients, including techniques to identify the causes of shock and the use of ultrasound as a therapeutic aid in placing central lines and as a guide for fluid therapy.

Difficult Airway Workshop, Marc Rosenthal, DO, PhD, and Gloria Kuhn, DO, PhD

This workshop will describe rescue techniques available to manage patients with difficult airways, including demonstration of the function of different techniques and understanding the advantages and disadvantages of the use of alternate airway techniques.

Induced Hypothermia Workshop, Brian O’Neil, MD, and Robert Sherwin, MD

This workshop will include the appropriate patient assessment to determine eligibility for induced hypothermia, available techniques and technologies, and how to properly monitor and manage patients receiving induced hypothermia.

Registration

Register online at: www.mcep.org by August 15!

Click on the conference information on the front page of the web site, which will direct you to the online registration system. If you are not a MCEP member, you will need to create an account and login. Credit card payment is required and registrants will receive an immediate e-mail confirmation.

The registration fee is \$395 for physicians and \$200 for residents, nurses, and physician assistants. There is an additional \$65 fee to register for the elective workshops on September 1. Be sure to register by August 15 to receive the “early bird” registration fee. Add \$25 if registering after August 15.

Registrants unable to register online may download the registration form from the MCEP web site and submit it via fax (517-327-7530) or via mail (MCEP, 6647 West St. Joseph Highway, Lansing, MI 48917). On-site registration will also be available beginning late on August 30.

Cancellation Policy: Refunds must be requested in writing. Registrants who request a refund by August 1 will receive a full refund, minus a \$50 administrative fee. Registrants who request a refund between August 1 and August 20 will receive a 50% refund. No refunds will be issued after August 20, 2009.

Hotel Reservations

The Critical Care in the Emergency Department Conference will be held at:

Grand Traverse Resort & Spa
100 Grand Traverse Village Boulevard • Acme, MI 69610
231-534-6000 • 800-748-0303

Make reservations at www.grandtraverseresort.com by **July 30** and use group code EM0830. When making a reservation by phone, be sure to mention the Critical Care Conference to receive the discounted single/double rate of \$159 (guestroom) or \$189 (tower). A daily resort fee of \$9.95 per room, per night will also be assessed. Hotel reservations must be made by July 30. Reservations made after July 30 will be honored only if there is space available.

Keynote Speakers: Nathan Shapiro, MD, MPH, and Robert O’Connor, MD