

New York American College of Emergency Physicians SCIENTIFIC ASSEMBLY

July 7-9, 2014



Sagamore Resort on Lake George
Bolton Landing, New York

Who Should Attend

This course is designed for emergency physicians, residents, emergency nurses, physician assistants and nurse practitioners.

Resident Opportunities

Special rates have been designed to promote resident participation. See registration form for discounted rates for the entire assembly.



**Robert S. Hoffman, MD FAACT
FACMT FRCP Edin FEPCCT**

Professor of Emergency Medicine,
NYU School of Medicine; Chief of
Service, Division of Medical Toxicology
Department of Emergency Medicine
NYU School of Medicine



**Amal Mattu, MD
FAAEM FACEP**

Professor and Vice Chair,
Department of Emergency
Medicine, University of
Maryland School of Medicine



**Julie A. Mayglothling, MD
FCCM FACEP**

Associate Professor,
Departments of Emergency
Medicine and Surgery, Virginia
Commonwealth University

EXCEPTIONAL FACULTY

Assembly Objectives

- Define tangible methods for improving leadership ability.
- Describe the most common causes of hypo and hyperthermia.
- Explain the literature to support passive and active rewarming techniques in patients with severe hypothermia.
- Identify the literature to support immersion and mist and fan for patients with severe hyperthermia.
- Identify a strategy to approach patients with overdose or bleeding complications secondary to novel anticoagulants.
- Outline the appropriate use of platelets, fresh frozen plasma, cryoprecipitate, calcium and tranexamic acid in the patient with massive transfusion requirements.
- Distinguish management plans for management of trauma patients on warfarin, clopidogrel and novel anticoagulants.
- Describe recent advances in emergency electrocardiography that will save a life.
- Name some of the newest concepts in evaluation of the patient with syncope.
- List some of the recent advances in management of acute coronary syndrome.
- Define some recent advances in the management of acute coronary syndrome and the patient in cardiac arrest.
- Describe the implications of QRS and QT prolongation in the setting of poisoning and the treatment(s) indicated.
- Discuss the classic ECG findings of calcium channel blockers, beta blockers, cardioactive steroids and adenosine antagonists.
- Discuss some of the advances in the management of a patient with chest trauma.

MONDAY JULY 7

11:00 am-12:30 pm	Board of Directors Meeting
12:30-5:00 pm	Registration
12:30-1:30 pm	Research Forum: Poster Presentations
1:40-3:10 pm	Research Forum: Oral Research
2:30-6:30 pm	Exhibits Open
3:10-3:30 pm	Break and Exhibits
3:30-4:30 pm	New Speakers Forum, Best Practices in Emergency Medicine
4:30-5:30 pm	An Evidence Based Approach to Bleeding from Novel Oral Anticoagulants (NOACs) and Antiplatelet Agents
5:30-6:30 pm	Exhibits and Networking Reception



TUESDAY JULY 8

7:30 am-Noon	Registration
7:30-8:00 am	Exhibits and Continental Breakfast
7:30-11:00 am	Exhibits
8:00-9:00 am	Massive Transfusion: How to Resuscitate the Critically Ill Trauma Patient
9:00-10:00 am	Dysrhythmias in the ED: Myths and Pitfalls
10:00-10:30 am	Break and Exhibits
10:30-11:30 am	Environmental Emergencies: Approach to Life-Threatening Hypo and Hyperthermia
11:30 am-12:30 pm	Emergency Cardiology Update: The Articles You've Got to Know!
12:45-1:45 pm	New York ACEP Annual Meeting and Legislative Update
1:45-2:15 pm	New York ACEP Committee Meetings

WEDNESDAY JULY 9

7:00-8:00 am	Board of Directors Meeting
8:00-9:00 am	Cases in Trauma Coagulopathy
9:00-10:00 am	Everyday Leadership: Secrets of Great Minds Through the Ages
10:00-10:15 am	Break
10:15-11:15 am	The Toxic ECG: Why Do We Get it and What Does it Mean?
11:15 am-12:15 pm	Chest Trauma Clinical Pearls

MONDAY JULY 7

Research Forum: Poster and Oral Presentations

The emergency physician is faced with rapidly changing medical practices. The clinician needs to identify relevant studies from multiple different resources and decide which information to incorporate into clinical practice. This forum will review and discuss research projects primarily submitted from within New York.

New Speakers Forum: Best Practices in Emergency Medicine

Emergency medicine is fast-paced and ever changing. National organizations such as the Institute of Medicine (IOM) and ACEP provide evidence-based guidelines and standards for various topics in medicine, from organizational recommendations to optimize emergency department throughput to clinical aspects such as STEMI and acute stroke. This forum of emerging dynamic speakers will provide clinicians with various evidence-based best practices in emergency medicine.

An Evidence Based Approach to Bleeding from Novel Oral Anticoagulants (NOACs) and Antiplatelet Agents

Robert S. Hoffman, MD FAACT FACMT
FRCP Edin FEAPCCT

Although coumadin has a long history of use and is easily reversible, many patients are either being started on NOACs or switched from coumadin to one of the NOACs because of well controlled data, patient compliance and satisfaction issues. Unfortunately, bleeding from NOACs poses a unique challenge for clinicians because of limited and often somewhat conflictual data. This lecture will not discuss the issues of choice of a particular NOAC or reasons to select a NOAC over coumadin, but rather will only focus on assessment and control of bleeding in a patient on a NOAC. Similarly many patients are being started on newer antiplatelet drugs alone or in combination with aspirin and anticoagulants. An evidence based approach to bleeding with these agents will be discussed.

TUESDAY JULY 8

Massive Transfusion: How to Resuscitate the Critically Ill Trauma Patient

Julie A. Mayglothling, MD FCCM FACEP

The number one cause of hypotension in trauma is hemorrhage. Early identification of the patient that requires massive transfusion can be life-saving. Aggressive resuscitation with packed red blood cells alone is not adequate. This lecture will highlight who benefits from massive transfusion and how to implement it. The use of platelets, fresh frozen plasma, cryoprecipitate, calcium and tranexamic acid will be discussed.

Dysrhythmias in the ED: Myths and Pitfalls

Amal Mattu, MD FAAEM FACEP

The ECG is an essential tool not only for arrhythmia detection and analysis but can also risk stratify for disorders like syncope. Having the tools to diagnose a dysrhythmia is essential for the emergency physician with implications of not only treatment but disposition as well. Using a case-based approach, the speaker will review advanced dysrhythmia analysis. From Paper to Patient: Recent Advances in Emergency Electrocardiography That Will Save a Life.

Environmental Emergencies: Approach to Life-Threatening Hypo and Hyperthermia

Robert S. Hoffman, MD FAACT FACMT
FRCP Edin FEAPCCT

There is continual controversy and debate over the optimal methods to warm and cool patients with hypo and hyperthermia, respectively. In hypothermia, specific emphasis has been placed on invasive and active techniques over passive techniques. In hyperthermia, controversy surrounds the use of mist and fan techniques vs. infusion. This lecture discusses the pathophysiology and treatment of extremes of body temperature and reviews the literature to help the participant develop a rational and evidence based approach to care.



Emergency Cardiology Update: The Articles You've Got to Know!

Amal Mattu, MD FAAEM FACEP

It's easy to get buried in the avalanche of new literature that gets published every week in cardiology. Which of the articles are relevant to emergency physicians rather than cardiologists? Which articles are driven by drug company sales rather than patient care? Which articles should change your practice? The speaker has sorted through the literature for you and will discuss the handful of articles from the past year that are critical to your emergency medicine practice, the articles that "you've got to know!"

WEDNESDAY JULY 9

Cases in Trauma Coagulopathy

Julie A. Mayglothling, MD FCCM FACEP

The trauma triad of death is acidosis, hypothermia and coagulopathy. Identifying and preventing coagulopathy has always been a core topic in ATLS training. With the rise in the geriatric population, more trauma patients are arriving to the trauma room on anticoagulants. How to best manage patients on warfarin, clopidogrel and the novel antithrombotic agents will be discussed.



Everyday Leadership: Secrets of Great Minds Through the Ages

Amal Mattu, MD FAAEM FACEP

A successful leader can be defined very simply as an individual that others want to follow. This definition implies nothing about titles, money, or delegated power. History, in fact, is rife with examples of "ordinary" people that became known as great leaders; as well as national figureheads that were not considered great leaders. The difference between these great leaders and failed leaders was often simple behaviors and attitudes.

During this presentation, the speaker will discuss those qualities and characteristics of the truly successful leaders. The speaker will use examples and teachings set forth by history's great leaders and great thinkers, such as Alexander the Great, Michelangelo, Gandhi, Martin Luther King, Jr., Abraham Lincoln, Winston Churchill, and others. By the end of the session, participants will have acquired new skills in how to be a successful leader. Most importantly, participants will understand that successful leadership skills are critical to success in all walks of life, whether one aspires to succeeding as a national leader or whether one simply aspires to being a successful emergency physician, spouse or parent.

The Toxic ECG: Why Do We Get It and What Does It Mean?

Robert S. Hoffman, MD FAACT FACMT FRCP Edin FEAPCCT

The ECG is routinely recommended as a screening tool in poisoned patients and can not only give clues as to the ingestion but also indicated treatment. Unfortunately most clinicians are unaware of the diagnostic and prognostic value of the ECG. This lecture reviews the basic physiology of sodium and potassium channel blockade, presents the toxicological normal values for QRS and QT which are different than traditional limits and discusses the treatment options that are available to clinicians. Time permitting, a variety of tachy and brady arrhythmias will also be presented and reviewed.

Chest Trauma Clinical Pearls

Julie A. Mayglothling, MD FCCM FACEP

The evaluation and management of thoracic trauma has evolved in the last decade. There is a much greater dependence on ultrasound and CT imaging, however, the most common and most life threatening injuries remain unchanged. This lecture will highlight evidence-based clinical pearls with respect to the management of traumatic hemothorax, pneumothorax, pericardial tamponade and aortic injuries.

The logo for the New York American College of Emergency Physicians. It features a grid of squares to the left of the text "New York" in a large, stylized font, with "AMERICAN COLLEGE OF EMERGENCY PHYSICIANS" in a smaller, sans-serif font below it.

Financial Relations for all individuals in control of content:

In accordance with the ACCME Standards for Commercial Support and policy of the American College of Emergency Physicians, all individuals with control over CME content (including but not limited to staff, planners, reviewers, and faculty) must disclose whether or not they have any relevant financial relationship(s) to learners prior to the start of the activity.

All individuals with control over CME content (including but not limited to staff, planners, reviewers, and faculty) have no significant financial interests or relationships to disclose.

Robert S. Hoffman, MD FAACT FACMT FRCP Edin FEAPCCT
Penelope C. Lema, MD RDMS FACEP
Amal Mattu, MD FAAEM FACEP
Julie A. Mayglothling, MD FCCM FACEP
Kaushal H. Shah, MD FACEP
JoAnne Tarantelli



New York ACEP Scientific Assembly

The assembly provides ample opportunities to expand your network of colleagues and share best practices with one another. Discover new ideas, refresh your skills and walk away with valuable knowledge you can put into practice immediately.

Register by May 23 and Save \$75

Payment must accompany assembly registration form. E-mail confirmations will be sent prior to the start of the Assembly. Registration fee includes:

- Up to 12.50 hours of *AMA PRA Category 1 Credit(s)*[™]
- Assembly materials
- Assembly breaks
- Exhibits
- Research Forum
- Monday Networking reception
- Tuesday continental breakfast & lunch
- Wednesday continental breakfast

Four Ways to Register

- Online at <https://nyacep.org/scientific-assembly-registrant-registration-2014>
- Call (585) 872-2417 and have your credit card ready (Visa, MasterCard, American Express accepted)
- Fax registration form to (585) 872-2419 (credit card payments only)
- Mail completed registration form to New York ACEP, 1130 Crosspointe Lane, Suite 10B, Webster, NY 14580-2986

Exhibit Program

On Monday and Tuesday, attendees will be able to visit a variety of exhibits in the assembly exhibit hall. Many will feature hands-on product demonstrations and opportunities for one-on-one consultations.

Continuing Education Credit

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Emergency Physicians and New York ACEP. 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 live activity for a maximum of 12.50 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Approved by the American College of Emergency Physicians for a maximum of 12.50 hours of ACEP Category I credit.

Cancellations

Assembly registration, less a \$100 cancellation fee, is refundable only if request is submitted in writing to nyacep@nyacep.org at least 30 days prior to the start of the conference. Cancellations received after 30 days are not refundable. Telephone cancellations will not be honored. If you cancel and are entitled to a refund, expect refund within 30 days.

New York ACEP reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of a cancellation or postponement, New York ACEP will refund registration fees, but is not responsible for any related costs, charges or expenses to participants.

Americans with Disabilities Act

If in need of special assistance while attending the Assembly, contact New York ACEP at (585) 872-2417 for arrangements in advance.



Disclaimer

The material presented as a part of this course is not intended to represent the only, nor necessarily, the best methods or procedures appropriate for the medical situations discussed, but rather is intended to present an approach, statement or opinion of the author or presenters which may be helpful or of interest to the participants.

New York ACEP makes every effort to ensure that speakers at New York ACEP sponsored programs are knowledgeable authorities in their field. Attendees are nevertheless advised that the statements and opinions expressed by program speakers are those of the speakers, not New York ACEP.

Products and services exhibited by companies or organizations, other than New York ACEP, are not endorsed by New York ACEP. Speakers and times are subject to change without notice, at New York ACEP's discretion.

Weather & Dress

July on Lake George can be warm during the day and cool in the evening. Expect a daily high temperature of 80-85 degrees and a low of 68-75 degrees. Dress for the assembly is resort casual. You may want to bring a lightweight sweater for inside.

Kaushal H. Shah, MD FACEP, *Education Committee Chair*
Penelope C. Lema, MD RDMS FACEP, *2014 Scientific Assembly Chair*



The Sagamore Resort

A premier Lake George hotel nestled among the awesome beauty of the Adirondacks, this historic Lake George resort sits along the shores of Bolton Landing inviting you to share timeless elegance, luxury accommodations, and modern amenities.

Recreational offerings include golf, programs just for children, boating and fishing on the waterfront, complimentary tennis and other outdoor sports, plus indoor fitness, swimming, movies and games.

The Sagamore is located at 110 Sagamore Road, Bolton Landing, NY 12814.

Reserve by May 23

At The Sagamore, you have a choice of accommodations to match your vacation and meeting needs. All accommodations are smoke-free and offer high-speed wireless internet, data ports and televisions with access to games and movies and with daily housekeeping. For room descriptions, go online to <http://thesagamore.com/stay.htm>

Check-in 4 pm ~ Check-out 12 Noon

Discounted room rates have been arranged for Assembly attendees. **To secure the discounted rates, you need to make your reservation prior to May 23, 2014.**

Online reservations are preferred by visiting www.thesagamore.com and clicking "Book Now." Use New York ACEP group block code NYACEP0714.

Telephone reservations are also accepted by calling The Sagamore toll-free, **1-800-358-3585** and required after May 23, 2014.

Lodge Room	lower level	\$219 per night
Lodge Room	walk-in level	\$249 per night
Lodge Suite	lower level	\$329 per night
Lodge Suite	walk-in level	\$349 per night
Hotel Room	garden view	\$299 per night
Hotel Room	lake view	\$329 per night
Hotel Suite	garden view	\$399 per night
Hotel Suite	lake view	\$429 per night

**Rates are subject to a taxed resort fee of \$25 per room per day as well as state and local taxes and county occupancy tax. This resort fee includes complimentary parking, entrance into Fitness Center, indoor and outdoor pools and waterfront, island and Golf Club shuttle and resort activities. For each additional person (over two people) ages 18+ sharing a room, there is an additional room charge of \$25 per person per day.*

Sagamore Kids Club

Designed for children ages four to 12, The Sagamore Kids Club (SKC) is a fun-filled camp providing a dynamic range of Lake George activities from crafts and sports to nature hikes and scavenger hunts. This program is included in your resort fee. To sign your child up for the Sagamore Kids Club, stop by The Rec.



- Organized Sports: basketball, volleyball, bocce ball, horseshoes, wiffle ball, and mini golf
- Engaging Educational Programs: astrology, mythology, Adirondack wildlife and dining etiquette
- Outdoor Lake George Activities: scavenger hunts, nature walks and more
- Interactive Children's Variety Shows
- Arts and Crafts - tee shirt making, bird feeders and other fun hands-on projects

Babysitting Services at The Sagamore

Professional babysitting services are able with a minimum of three hours required. Reservations must be made in advance. Rates are \$15 per hour for one child and \$20 per hour for 2-3 children. There is a maximum of three children per babysitter.

If you need to cancel your reservation for any reason, please note a 24-hour cancellation policy applies.

The Rec

Located at the center of the Resort, The Rec is an expansive indoor entertainment and sports facility with activities for guests of all ages. From ping pong and video games to wiffle ball and classic home run derby, you are sure to find your favorite games or discover some new ones. Challenge family members on the indoor basketball court, perfect your short game on the mini golf course or reconnect with your kids at The Rec's Nintendo Wii and X-Box stations. Also featuring an outdoor half-court basketball area, sand volleyball court, playground and horseshoe pit along with five outdoor tennis courts.

Pools

There are both indoor and outdoor pools with breathtaking views of Lake George. Soak up the sun while gazing over the timeless beauty of the Adirondacks with some refreshments from Splash Pool Bar. Relax in the Jacuzzi or in the sheltered indoor 40-foot heated pool, regardless of the weather outside. The Pool Terrace West is reserved as an adult-only area for guests over the age of 16.

Fitness

Located in the south wing of the hotel, The Fitness Center has everything you need to keep up with your daily fitness routine. State-of-the-art cardiovascular and strength training equipment are complemented by a full selection of free weights and daily fitness classes. Access to the Fitness Center is complimentary and available to all guests 16 years of age and over.

Fitness Center Hours Open Daily 5:30 am- 11:00 pm

The Sagamore Resort also offers a rotating schedule of fitness classes with options that appeal to a variety of interests and skill levels. Daily fitness classes range from Aqua Aerobics in our indoor pool to Morning Stretch and Strength Training, just to name a few.



What types of services & products interest you?

- Billing/Coding Services
- Cardiovascular
- Computer Software/Hardware
- Consulting Services
- Diagnostic Products/Services
- Documentation Services
- EDIS
- Educational Products/Services
- Emergency Medical Equipment
- Imaging/Ultrasound Equipment
- Insurance/Risk Management
- Market Research
- Ophthalmic Products
- Orthopedic Products
- Patient Monitoring
- Pharmaceuticals
- Recruiting
- Safety
- Specialty Products/Services
- Staffing/Management
- Wound Care Products

Guest Badges

Provide name of spouse/companion and child(ren) attending with you. Include last name if different.

Spouse/Companion _____

Child _____ Age _____

Child _____ Age _____

Child _____ Age _____

Check Payment. Mail this registration form and check payable to New York ACEP, 1130 Crosspointe Lane, Suite 10B, Webster, NY 14580-2986.

Credit Card Payment

- MasterCard
- Visa
- American Express

Credit Card Number _____

Expiration Date _____ CCV code _____

Cardholder Name _____

Signature _____



2014 Scientific Assembly July 7-9 Registration Form

Register by May 23 and save \$75

Name _____

MD DO FACEP Other: _____

Institution/Hospital _____

Department _____

Billing Address _____

City _____ State _____ Zip _____

(_____) _____

Daytime Telephone _____ Extension _____

E-mail (required for confirmation, CME issuance and access to Assembly WebApp) _____

- Check if vegetarian lunch (Tuesday, July 8) is desired
- Check if Kosher lunch (Tuesday, July 8) is desired



Want the Member Rate? Go online to www.nyacep.org, become a member and receive benefits all year long

Assembly Registration Fees

By May 23

After May 23

- New York ACEP Member \$315 \$390
- Other ACEP Chapter Member \$365 \$440
- Non-Member Physician \$415 \$490
- New York ACEP Member Medical Student \$120 \$195
- Non-Member Medical Student/Nurse/PA/NP..... \$275 \$350

Assembly Resident Registration

- New York ACEP Member Resident \$145 \$220
- Non-Member Resident \$215 \$290
- 10+ Resident Member Same Program (per resident) \$120 \$195
- 10+ Resident Non-Member Same Program (per resident) .. \$180 \$255

Total Enclosed \$ _____