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EMS Event in
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INTEGRATED NEBULIZER
Offers the capability of an in-line nebulizer.
- Uses only one oxygen supply source
- Easy Set-Up, Less Parts.

ADVANTAGE:
CPAP SYSTEM CONSUMES 50% LESS OXYGEN
CPAP conserves oxygen while maintaining high FiO₂ delivery
Increasing flow may be necessary when activating the nebulizer.

ADVANTAGE:
BUILT-IN MANOMETER & PRESSURE RELIEF VALVE

ADVANTAGE:
ADVANCED MASK DESIGN
- Quick Disconnect Clips
- Straight Roasting Port
- Soft Forehead Padding to reduce pressure on nose.
- CPAP & Nebulizer in One System
- Less Parts, Easy Set-Up
- Only One O₂ Source

With so many advantages, it clearly puts you at an advantage.

Visit the Mercury Medical Booth #318 at EMS World Expo
Las Vegas Convention Center
Las Vegas, Nevada
September 8 - 12, 2013
You deserve the best.

- the best benefits
- the greatest opportunities
- the strongest voice advocating on your behalf

Support your career and your profession. Unite with your fellow EMS practitioners across our nation.

Join NAEMT today.

www.naemt.org | 1-800-346-2368
National Association of Emergency Medical Technicians
Register by August 12 for Early-Bird Discount.
EMS World Expo offers innovative and dynamic education at a price that works for any budget. Our goal is simple: Make superior education and learning accessible and affordable to the greatest number of EMS providers. With the current changes in healthcare reform and the provision of public safety and EMS being held under closer scrutiny by both the public and politicians, the need for you to be prepared to meet the challenges ahead is more important than ever before.

Why You Should Attend EMS World Expo

As North America’s largest EMS event, there are many benefits to attending EMS World Expo:
- Learn from top industry experts presenting more than 120 CEU-certified sessions
- Explore the largest exhibition hall of EMS products, technologies and services anywhere in North America
- Connect with fellow responders from all over the world. Share stories and discuss solutions to the challenges you and your department face.

New for 2013: Mobile Integrated Healthcare Summit

With the advent of the Affordable Care Act (otherwise known as the “healthcare reform bill”), comprehensive change is coming to healthcare in the United States. The role of EMS providers is among those poised to undergo the greatest evolutions. At EMS World Expo’s first Mobile Integrated Healthcare Summit, top experts and cutting-edge content come together to help agencies navigate this radical new environment.

Attend this exclusive event to find out why mobile healthcare is more than just community paramedicine and will redefine your operations. Topics covered include: The Medicine in What We’re Doing, How Do I Do This? Program Development & Implementation; Getting Along With Others: Integration and Collaboration With Other Healthcare Practitioners; and The EMS Office Says We Can’t, What Now? Addressing Regulatory Issues.

This one-day event will be presented on September 11 within the Operations track and is included as part of the core program registration. For your convenience, you can attend individual classes of interest or the entire program. See page 18 for the complete schedule.

Preconference Workshops Offer Comprehensive Learning Opportunities

Choose from more than a dozen workshops devoted to concentrated areas of skills development. New offerings this year include 12-Lead ECGs for Advanced EMTs and Paramedics; Essential Tools for the New Supervisor, and Managing and Mitigating Violence Against EMS Providers. Back by popular demand: Half-day cadaver lab and half-day moulage training. See page 12 for a complete schedule.

Plan Your Own Education Program

Flexibility is the key to attending EMS World Expo. Attend the core program and you can either focus on a specific area of interest, or mix and match from seven educational tracks to create your own personalized program. Highlights of this year’s core conference program of more than 120 sessions include:
- Street Drugs: New Trends
- Make the Right Call: STEMI Mimics
- The Painful Truth About Backboards
- Healthcare Reform: Will EMS Win or Lose?
- FirstNet & 21st Century EMS Communications

EMS World Expo Group Rate

EMS World Expo’s Group Rate is the best deal of any national conference. Register three to five people for only $325 each for the core program. Register 6 or more and pay the amazing low price of $235 per person! This offer is valid only for the full 3-Day Core Program (September 10–12).
**NAEMT General Membership Meeting and Awards Presentation**  
**Monday, September 9**  
5:30 p.m.–6:45 p.m.

NAEMT members and guests are invited to the NAEMT General Membership Meeting and Awards Presentation on Monday evening to hear from President Don Lundy on the programs, activities and successes of the association and goals for the coming year. At the meeting, NAEMT also introduces and thanks its board and committee leaders and members, recognizes its corporate partners and volunteers, and honors outstanding EMS professionals through the presentation of the National EMS Awards of Excellence.

**NAEMT Member Reception**  
**Sponsored by EMS World and the National Registry of EMTs**  
**Monday, September 9**  
6:45 p.m.–8:30 p.m.

It’s no roll of the dice that you’ll come out ahead by attending the NAEMT Member Reception for all NAEMT members and invited guests. The reception, immediately following the General Membership Meeting, provides you with the opportunity to mingle with colleagues and other EMS professionals from across the nation and around the world, meet national EMS leaders and, above all, have fun and savor a tasty spread of food and drinks! Be sure to attend this outstanding annual event.

**Mobile Integrated Healthcare Summit Lunch & Learn**  
**Wednesday, September 11**  
12:30 p.m.–2 p.m.

**Collaboration is Key: Implementing the Concept of “Mobile Integrated Healthcare Practice”**

**Speakers:** Ed Rachtl, MD, Eric Beck, DO, NREMT, Brent Meyers, MD, MPH

Why is the concept of “mobile integrated healthcare practice” receiving so much attention? How does this relate to community paramedicine? Why does this idea have the potential to transform and literally redefine EMS? This special luncheon will answer those questions and tell you why and how you need to outreach to a variety of organizations to cement your new role in the healthcare continuum. Learn how you can connect with key players, including hospitals, ACOs, PCPs, home health, non-profit support organizations such as United Way, case managers, SNF/LTACH, hospice agencies, payers and more. The future role of EMS is on the line…please join us for this timely, informative and inspirational discussion. See page 38 for registration details.

**OPENING CEREMONIES AND KEYNOTE PRESENTATION**  
**Tuesday, September 10**  
10:00 a.m.–11:30 a.m.

Join us during the opening ceremony for award presentations honoring achievements in the industry, followed by our keynote presentation.

**The Evolution of Battlefield Medical Care: Past, Present and Future**

**KEYNOTE SPEAKER:** Lt. Col. Robert L. Mabry, MD, FACEP, Director, Military Emergency Medical Services and Disaster Fellowship Program, San Antonio Military Medical Center (SAMMC), San Antonio, TX

In this keynote presentation, Lt. Col. Robert Mabry will trace the most significant advances in battlefield medical care throughout history. He will discuss where future advances can be made and how these relate to current civilian EMS practice. Lt. Col. Mabry will also discuss the 20th anniversary of the Battle of Mogadishu, more commonly referred to as Black Hawk Down, which was fought October 3–4, 1993, in Mogadishu, Somalia, between forces of the United States and Somali militiamen. Lt. Col. Mabry was a Special Forces 18-D medic at the time and treated wounded soldiers in the Battle of Mogadishu.

**The EMS Situation Room: NEMSMA Administrators, Managers and Chiefs Forum**  
**Thursday, September 12**  
9:30 a.m.–10:45 a.m.

Hear a panel of current and future EMS leaders discuss and debate the most pressing issues facing EMS today. Facilitated by the National EMS Management Association, the panel includes leaders from several EMS associations ready to share their insight. Questions are audience-driven. This is your time to get some answers and join the national conversation.

**SimLab**  
**Sponsored by Gaumard and Ferno**  
**Tuesday, September 10**  
Noon–3 p.m.

**Wednesday, September 11**  
Noon–3 p.m.

**Thursday, September 12**  
11 a.m.–1 p.m.

Test your clinical skills in the EMS World Expo Simulation Lab, located on the exhibit hall floor. Work through scenarios using the most advanced products and simulators in prehospital care. Each station is manned by an instructor who will provide feedback on the performance of participants.

**Live Podcast Studio by the ProMed Network**  
**Tuesday, September 10**  
11:30 a.m.–6 p.m.

**Wednesday, September 11**  
10:45 a.m.–3:15 p.m.

**Thursday, September 12**  
9:15 a.m.–1 p.m.

Join your favorite EMS bloggers and podcasters in the Podcast Studio and celebrate the fifth anniversary of the Podcast Studio at EMS World Expo.
Exhibit Hall Learning Center

Enhance your educational experience in the exhibit hall by attending free 30-minute classes in our new Learning Center. Free CE for all attendees. Visit EMSWorldExpo.com for the latest schedule.

Las Vegas Ridealongs

One of the many advantages to attending a national EMS conference is being able to see other departments in action. Ridealongs provide additional educational opportunities where you can observe best practices and operational efficiencies in action that can be taken back to your own agency and implemented to improve your delivery of emergency medical care. Visit EMSWorldExpo.com for updated information.

Discounted Hotel Rates

Book your hotel through OnPeak, the official housing partner of EMS World Expo. Visit the travel desk online at EMSWorldExpo.com to make reservations. For more information, call 800/220-5914.

SPECIAL APPEARANCE: SQUAD 51

Squad 51 Responding to EMS World Expo in Las Vegas

Talk to most any firefighter or paramedic today and they will tell you that one of the major influences on their career choice was the NBC Universal television show, “EMERGENCY!”

Even though the show’s seven-year run ended in 1979, its impact is still being felt today as we celebrate the 41-year anniversary of the show’s first airing.

Thanks to the Los Angeles County Fire Museum and one of its major sponsors, Valvoline, EMS World Expo attendees will be able to see Squad 51, the actual rig that fictional firefighter/paramedics Johnny Gage (Randolph Mantooth) and Roy DeSoto (Kevin Tighe) drove from call-to-call on television every week.

The Museum, located in the L.A. suburb of Bellflower, has faithfully restored and preserved the vehicles used in the famous television show.

If you can’t make it to the EMS World Expo, visit the Museum online at www.lacountyfiremuseum.com to see Squad and Engine 51 and all the other historic fire apparatus they have restored, thanks in part to great sponsors like Valvoline, the official oil of the Los Angeles County Fire Museum.

Continuing Education Credit/Certificates of Attendance

This continuing education activity is approved by Cygnus Expositions, an organization accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS). CECBEMS-approved classes are accepted by the National Registry of EMTs (NREMT) for recertification requirements. One CEU is given per one-hour class. 1.25 credits are given per 75-minute class. All EMS World Expo conference programs are 75 minutes long. Attendees can earn 4 credits while taking the half-day preconferences and 8 credits for the full-day preconferences. There is no limit to how many CEU credits attendees can earn at EMS World Expo.

For questions regarding CECBEMS, please contact Liz Sibley at 972/247-4442 or e-mail lsibley@cecbems.org.

If you have questions or concerns, call 800/827-8009 or e-mail certificate@publicsafetyevents.com.

To obtain credit, you must have your badge scanned upon entering your session, spend the required time in each class, and turn in a completed course evaluation for each class. After the conference, you will be notified by e-mail when your certificate is available online at EMSWorldExpo.com for download. Safeguard the certificate for future use.
The EMS World Expo Exhibit Hall is the place to see, test and compare the latest products, technologies and services presented by the industry's largest gathering of vendors. Here you can:

- Meet face-to-face with more companies over three days than at any other national conference!
- Discover new product innovations that will improve the patient care you provide and make your operations more efficient and cost-effective.
- Test the latest products and use them to work through scenarios in our exclusive Sim Lab.

### Companies already signed up to exhibit include:

- 21st Century Leaders ........................................... 1444
- 5.11 Tactical .................................................. 1621
- ADS, Inc. .......................................................... 552
- Advanced Circulatory ........................................ 1251
- AeroClave .......................................................... 1233
- Aircraft Medical, Inc. ......................................... 523
- Akrimax Pharmaceuticals ....................................... 161
- Akron Brass Company ....................................... 1427
- Alliance Fire and Rescue ..................................... 1634
- Alternative Support Apparatus (ASAP) ..................... 1535
- Ambu, Inc. .......................................................... 1027
- American Emergency Vehicles ................................. 1311
- American Heart Association .................................. 659, 752
- American Innotek ............................................. 432
- AngelTrax Mobile Video Surveillance ......................... 1630
- Armstrong Medical Industries .................................. 1811
- B. Braun Medical, Inc. ......................................... 1048
- Biomedix, Inc. .................................................. 1541
- BioStat, LLC .................................................. 743
- Bound Tree Medical, LLC ...................................... 511
- Brady Publishing .................................................. 722
- Braun Industries, Inc. ......................................... 833
- Brunswick Biomedical Technologies ......................... 1135
- Cardiotronix ...................................................... 658
- Carey & Carey Ltd. ............................................... 620
- Center for Domestic Preparedness .............................. 684
- Center of Operational Medicine, Georgia Regents University .................................................. 1347
- CentreLearn Solutions, LLC .................................. 447
- Channing Bete Company, Inc. .................................. 555
- Columbia Southern University .................................. 1446
- CompX Security Products ....................................... 1050
- CoolShirt Systems .................................................. 622
- Danner .............................................................. 844
- Demers Ambulances .............................................. 111
- Digital Ally, Inc. .................................................. 422
- Digitech Computer, Inc. ......................................... 726
- Divers Alert Network ............................................. 958
- Ecolab .............................................................. 418
- eCore Software Inc. .............................................. 848
- Elektron Technology ............................................... 1329
- Emergency Medical Products .................................. 753
- Emergildata, Inc. .................................................. 1244
- EMS Management & Consultants, Inc ......................... 950
- EMS1.com / Praetorian Group .................................. 1253
- EMSAR, Inc. ..................................................... 624
- emsCharts, Inc. ................................................... 525
- ESO Solutions ..................................................... 941
- Ever Dixie EMS Supply Co. ..................................... 740
- EVS, Ltd. .......................................................... 949
- Excellance, Inc. .................................................. 1421
- FareTec Inc. ...................................................... 619
- Ferno-Washington .................................................. 311
- Fisher Sportswear .................................................. 1141
- Flotec .............................................................. 745
- Frazer, Ltd. .......................................................... 1351
- Gaumard Scientific Co., Inc. ................................... 459
- Gerber Outerwear ................................................. 748
- GM Fleet and Commercial ....................................... 631
- GovX, LLC .......................................................... 946
- Haix North America, Inc. ......................................... 1155
- Hale / Class 1 ...................................................... 1626
- Handheld .......................................................... 846
- Horace Small / VF Imagewear ................................... 1147
- Horizon Medical Products ....................................... 654
- HoverTech International .......................................... 453
- ImageTrend Inc. ................................................... 1435
- Innovative Product Solutions ................................... 1259
- Innovative Trauma Care, Inc. .................................... 335
- Intermedix .......................................................... 841
- Jones & Bartlett Learning ......................................... 735
- Kemp USA .......................................................... 1431
- Kimberly-Clark Healthcare ....................................... 853
- Knox Company ..................................................... 1335
Live Podcast Studio by the ProMed Network

**Tuesday, September 10**
11:30 a.m.–6 p.m.

**Wednesday, September 11**
10:45 a.m.–3:15 p.m.

**Thursday, September 12**
9:15 a.m.–1:00 p.m.

Join your favorite EMS bloggers and podcasters in the Podcast Studio and celebrate the fifth anniversary of the Podcast Studio at EMS World Expo.

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**SimLab**

Sponsored by Gaumard

**Tuesday, September 10**
Noon–3 p.m.

Test your clinical skills in the EMS World Expo Simulation Lab, located on the exhibit hall floor. Work through scenarios using the most advanced products and simulators in prehospital care. Each station is manned by an instructor who will provide feedback on the performance of participants.

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**Special Appearance: Squad 51**

Making its debut in the EMS World Expo Exhibit Hall is Squad 51, an EMS icon and centerpiece of the Los Angeles County Fire Museum. Attendees will be able to snap photos of this iconic vehicle and purchase t-shirts and other memorabilia.

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**Exhibit Hall Learning Center**

Enhance your educational experience in the exhibit hall by attending free 30-minute classes in our new Learning Center. Free CE for all attendees. Visit EMSWorldExpo.com for the latest schedule.

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For the most current listing of exhibitors, visit EMSWorldExpo.com.
Fabulous Las Vegas calls you to come enjoy some fun, the camaraderie of colleagues, networking opportunities, and the chance to get more involved in your professional association at the NAEMT 2013 Annual Meeting, Sunday through Tuesday, September 8–10. NAEMT members are invited to attend the NAEMT Annual Meeting free of charge.

What happens in Vegas includes...NAEMT committee meetings, the Affiliate Advisory Council Meeting, and the General Membership Meeting and Reception. See the Annual Meeting schedule for dates and times.

Committee meetings are open to all NAEMT members—and you’re encouraged to attend! Meetings include those of the Advocacy, Education, Finance, Health & Safety, Membership, Military Relations and PHTLS Committees. The NAEMT Board of Directors, Affiliate Advisory Council and the NAEMT Foundation also meet. Even if you’re not currently serving on a committee, you’re welcome to attend meetings of interest to you. For more information on NAEMT committees, visit the About Us > Leadership section of www.naemt.org.

**NAEMT GENERAL MEMBERSHIP MEETING AND AWARDS PRESENTATION**

Monday, September 9, 5:30–6:45 p.m.

The NAEMT General Membership Meeting and Awards Presentation on Monday evening brings together the family of NAEMT members to hear from President Don Lundy on the programs, activities and successes of the association, and goals for the coming year. At the meeting, NAEMT also introduces and thanks our board and committee leaders and members, recognizes our corporate partners and volunteers, and honors outstanding EMS professionals through the presentation of the National EMS Awards of Excellence.

**NAEMT MEMBER RECEPTION**

Sponsored by EMS World and National Registry of EMTs

Monday, September 9, 6:45–8:30 p.m.

No matter how you do at the slots, you’ll come out ahead at the NAEMT Member Reception for all NAEMT members and invited guests, immediately following the General Membership Meeting. Enjoy networking.

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**FRIENDS WITH BENEFITS**

**GET YOUR $125 DISCOUNT**

Why should your NAEMT friends have all the fun and receive all the benefits of NAEMT membership? The good news is that it is easy for you to become a member of NAEMT and receive all the benefits they enjoy— including an NAEMT members-only $125 discount on EMS World Expo registration.*

You can join NAEMT when you register for EMS World Expo and take advantage of the discount right away, which is more than three times the total cost of your membership! Plus, you receive a huge package of other value-added benefits.

If you’re already a member of NAEMT, just provide your membership number when selecting the Three-Day Core Program NAEMT Member Rate on the conference registration form.

* The discount applies only to the Three-Day Core Program individual registration fee. Discounts cannot be used with the Squad or Military Discount Rate, or toward preconference course registration fees.

† NAEMT President Don Lundy addresses NAEMT members at the 2012 Annual Meeting.
with colleagues and other EMS professionals from across the nation and around the world, meeting national EMS leaders and, above all, having fun and savoring a tasty spread of food and drinks!

**NAEMT EDUCATION ANNUAL MEETING**
**Tuesday, September 10, 10 a.m.–12:30 p.m.**

This first annual gathering of NAEMT educators will provide updates from the chairs of the PHTLS, AMLS, EPC and EMS Safety courses. Discussion will include new NAEMT courses under development, and how the planned changes in NREMT recertification requirements will impact EMS continuing education. We encourage all NAEMT instructors to attend. Refreshments will be served.

**SCOTT B. FRAME MEMORIAL LECTURE**
**Tuesday, September 10, 2–3:15 p.m.**

This lecture is held each year to honor Scott B. Frame, MD, FACS, FCCM, EMT-P, who made significant contributions to NAEMT and its Prehospital Trauma Life Support (PHTLS) program.

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<tr>
<th>TIME</th>
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<tr>
<td>Sun., Sept. 8</td>
<td>8:00 am–12:00 pm NAEMT Board of Directors Meeting</td>
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<td>1:00 pm–3:00 pm Health &amp; Safety Committee Meeting</td>
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<td>1:00 pm–3:00 pm Advocacy Committee Meeting</td>
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<td>3:00 pm–5:00 pm Membership Committee Meeting</td>
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<td>5:00 pm–6:00 pm Finance Committee Meeting</td>
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<tr>
<td>Mon., Sept. 9</td>
<td>2:00 pm–3:30 pm NAEMT Foundation Meeting</td>
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<td>5:30 pm–6:45 pm NAEMT General Membership Meeting</td>
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<td>NAEMT Member Reception</td>
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<td>5:00 pm–6:00 pm PHTLS Annual Meeting</td>
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<td>8:00 am–10:00 am NAEMT Education Annual Meeting</td>
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<td>10:00 am–12:30 pm Affiliate Advisory Council Luncheon</td>
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<td>12:00 pm–1:00 pm sponsored by OnStar and EMS World</td>
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<tr>
<td>1:00 pm–5:00 pm Affiliate Advisory Council Meeting</td>
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Beyond the Basics: A Cutting Edge Approach

Session P1

“Beyond the Basics” has been a popular preconference offering at EMS World Expo for several years, providing 16 hours of continuing education covering a variety of clinical and operational topics. In addition to the in-depth knowledge provided, this year faculty members will review current trends in care. What is the most current thinking on oxygenation, immobilization, shock care and more? You’ll find out in this dynamic session.

Advanced Medical Life Support (AMLS)

Session P14

Brought to you by NAEMT and taught by AMLS faculty

Endorsed by the National Association of EMS Physicians, the dynamic AMLS course addresses how to use critical thinking to fully assess and manage the most common medical crises in adult patients, offering a “think outside the box” methodology and emphasizing scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider differential diagnoses.

The updated course materials and textbook focus on a dynamic rather than a linear approach to assessment and management using the AMLS Assessment Pathway algorithm and other expanded content. Scenario-based, interactive lecture presentations and practical stations offer the opportunity for all levels of healthcare providers to review the pathophysiology, assessment and management skills of various medical emergencies.

Successful course completion requires competency on a written and practical evaluation.

Emergency Pediatric Care (EPC)

Session P15

Brought to you by NAEMT and taught by EPC faculty

Learn about the best in emergency care for sick and injured pediatric patients through EPC, which provides a unique, advanced and in-depth scientific approach to the emergency care of children, offering techniques that can help EMS practitioners rapidly and accurately assess life-threatening situations using the Pediatric Assessment Triangle (PAT).

The course gives students a practical and most up-to-date understanding of respiratory, cardiovascular, medical and traumatic emergencies in pediatric patients, incorporating family-centered care throughout all scenarios. The course also includes a component on caring for children with special needs.

Tactical Combat Casualty Care (TCCC)

Session P16

Brought to you by NAEMT and taught by PHTLS faculty

NAEMT offers the Committee on Tactical Combat Casualty Care’s updated curriculum for the Tactical Combat Casualty Care course, utilizing highly trained instructors in both PHTLS and TCCC. The TCCC course was developed to customize the principles of good trauma care for successful use on the battlefield.

Using PHTLS principles, TCCC emphasizes three primary goals:
1. Treat yourself and the casualty;
2. Prevent additional casualties; and
3. Complete the mission.

The course is designed for military medics and personnel who are preparing to deploy in support of combat operations. Fully compliant with CoTCCC guidelines, the NAEMT TCCC course uses the PHTLS Seventh Edition Military textbook and offers 16 hours of CECBEMS continuing education credit and a certificate of completion. Participants are welcome to bring their tactical gear.

12-Lead ECGs for Advanced EMTs and Paramedics

Session P2
Tom Bouthillet, NREMT-P

If you’re like most EMTs and paramedics you didn’t get much training in 12-lead ECG interpretation in school. Yet, EMS professionals are expected to make critical decisions in the field that can literally mean the difference between life and death. When do you activate the cardiac cath lab? When do you bypass the local non-PCI hospital? How do you incorporate the 12-lead ECG into the big picture of patient care? Tom Bouthillet discusses these issues and more in this 8-hour preconference workshop.

Learn to identify acute STEMI on the 12-lead ECG, identify the mimics of acute STEMI, and understand what’s at stake for the patient, both in the rural and urban settings.

Emergency Airway Management: A Skills Approach

Session P3
Shaun Fix, PMD, NREMT-P

Limit 24 students

This skills-intensive program reviews both basic and advanced methods for securing the airway and maintaining adequate ventilations. This program is designed for those familiar with standard procedures and will progress to more complex situations such as trauma, unique anatomy, cricothyrotomy and pharmacologically assisted tubes. A hands-on review of many airway devices makes this program both exciting and educational. Basic through advanced providers, both prehospital and in-hospital, will find many tips and tricks throughout the day.

Essential Tools for the New Supervisor

Session P4

Bruce Evans, MPA, NREMT-P, Ryan Greenberg, MBA, NREMT-P, EMD

This course introduces new EMS field supervisors to several key job tasks. Leading people...
and applying managerial principles through effective coaching and counseling, handling customer complaints and interagency relations will be explored. Operational sentinel events and integration into a new shift or role as a supervisor will be discussed. Through analysis of a simulated exercise involving a customer complaint the participant will learn the steps to investigate a customer complaint and resolve the event. In a simulated performance problem, the participant will apply the Seven Windows counseling process to frame appropriate coaching or counseling in order to achieve compliance with protocols or SOG/SOPs. Finally, the participant will be introduced to the process of proper decision making and sentinel events that require intervention by EMS field supervisors.

**Advanced Cardiovascular Life Support for Experienced Providers (ACLS-EP)**

**Session P20**

**AHA Faculty**

The goal of the ACLS for Experienced Providers course is to improve outcomes in complex cardiovascular, respiratory and other emergencies by expanding on core ACLS guidelines using critical decision-making strategies.

The course is designed for seasoned healthcare providers who regularly manage complex cardiovascular, respiratory and other emergencies. Through active participation in case-based scenarios and peer-to-peer learning, students will enhance their skills in the diagnosis and treatment of pre-arrest, arrest and post-arrest patients.

Pre-course requirements: This course is only for experienced healthcare providers who are proficient in performing BLS CPR skills, reading and interpreting ECGs, understanding ACLS pharmacology, and who regularly lead or participate in emergency assessment and treatment of pre-arrest, arrest or post-arrest patients. As part of the course, students are required to pass the ACLS exam before attending the course.

Course card: Upon completion of the course, including passing all required tests, the student will receive an ACLS-EP Provider Card valid for 2 years. CEHs accredited by CECBEMS will be available for EMS providers. Nurses and physicians will also receive CE credit.

**World Trauma Symposium 2013**

**Monday, September 9, 7:30 a.m.–5 p.m.**

**Hosted by NAEMT’s PHTLS Committee and EMS World Expo**

Back again for the second year, the World Trauma Symposium is an event from the creators of the world-renowned Prehospital Trauma Life Support Program (PHTLS), presenting the latest information on the care of prehospital trauma patients and global trends in trauma care from internationally recognized experts. Experience a program designed to present a diversity of opinions on best practices and controversies in prehospital trauma care and take advantage of the many networking opportunities—breakfast, lunch, breaks, reception—all included in the full program registration fee.

- **7:30–7:55** Breakfast
- **7:55–8:00** Welcome Message from Norman E. McSwain, Jr., MD, FACS
- **8:00–8:30** Prehospital Resuscitation 2013 .......................................................... Martin Schreiber, MD
- **8:30–9:00** European Approach to Prehospital Care... Christoph Redelsteiner, EMT-P
- **9:00–9:30** Mass Shootings Response & Trauma Care ........ Lenworth Jacobs, MD
- **9:30–10:00** Australian EMS ................................................................. Speaker TBA
- **10:00–10:15** Break
- **10:15–10:45** Translating Military Care Advances into Civilian Care .... Don Jenkins, MD
- **10:45–12:00** Panel Discussion
- **12:00–1:30** Lunch and Learn ........................................ MSG Harold R. Montgomery
- **1:30–2:45** Hot Trauma Topics:
  - Blood and Blood Products in EMS Transport............... Don Jenkins, MD
  - Prehospital Tourniquet Use: Does it Have a Role? .......... Greg Chapman, NREMT-P
  - Combat Gauze/Kerlix: Which Is Best?....................... Martin Schreiber, MD
  - Vacuum Mattresses for Prehospital Immobilization.......... Christoph Redelsteiner, EMT-P
- **2:45–3:00** Break
- **3:00–4:00** World Trauma Symposium Debates moderated by Lance Stuke, MD
  - Spinal Immobilization Is Indicated in the Prehospital Setting
    Pro: Peter T. Pons, MD
    Con: Christoph Redelsteiner, EMT-P
  - Helicopter Transport for Trauma Is Not Indicated
    Pro: Len Jacobs, MD
    Con: TBA
- **4:00–4:30** Panel Discussion/Audience Questions
- **4:30–4:45** Closing Comments from Norman E. McSwain, Jr., MD, FACS

**For program details and to register, visit WorldTraumaSymposium.com.**

**World Trauma Symposium provides participants with 8 hours of CECBEMS-accredited continuing education, CME and/or nursing continuing education credit.**
Monday, September 9
8 a.m.—Noon
Testing the Education Standards 2013
Session P5
Joseph J. Mistovich, MEd, NREMT-P;
Daniel Limmer, AS, EMT-P

High-quality exam items are challenging to create. Creating exam items that correspond to the increased depth and topics in the recent education standards is even more difficult. This session will address both of these vital issues. Using a combination of lecture and hands-on workshops, educators will learn how to improve their exams and make them more relevant to the overall classroom experience. Educators attending this session are encouraged to bring a notebook or tablet computer to use for writing exam items. Additionally, each attendee should bring five of their best multiple-choice items on a portable drive or disc for use in the workshop.

8 a.m.—Noon
1 p.m.—5 p.m.
Moulage Training: Playing with Fake Blood & Guts
Session P6
Ross Kocen
Limit 24 students

This hands-on session will teach you how to add moulage to your victim scenarios. We will discuss the various types of makeup used in moulage and practice on each other making bruises, road rash and lacerations. Each person will make their own moulage appliance to take home. There will be a $15 lab fee to cover supplies.

8 a.m.—Noon
1 p.m.—5 p.m.
Cadaver Lab
Session P7
Bryan Bledsoe, DO, FACEP, FAAEM, University of Nevada School of Medicine, Emergency Medicine Faculty
Limit 24 students; EMT-I or EMT-P level only

Don’t miss this once-in-a-lifetime opportunity to learn the latest medical techniques and use the latest medical devices in a small group setting instructed by emergency physicians. Attendees will be allowed to practice various medical procedures on unembalmed human cadavers in a state-of-the-art anatomy lab. Emphasis will be on airway management and invasive skills. Representatives from leading EMS device manufacturers and suppliers will be on hand to assist. All necessary equipment and supplies will be provided.

1–5 p.m.
The CECBEMS Application and Reviewer Workshop: How-Tos for Applicants and Reviewers
Session P8
Bob Loftus, BS, NREMT-B

If you are contemplating an application for CECBEMS accreditation or if you would like to be a CECBEMS reviewer, this workshop will give you valuable information and answer your questions. Load your application onto your laptop and bring it to the workshop with you to receive help or bring your questions about being a reviewer. This is a great opportunity to learn how CECBEMS works.

1–5 p.m.
Managing and Mitigating Violence Against EMS Providers
Session P9
Skip Kirkwood, MS, JD, EMT-P, EFO, CMO, Kip Tietzort

This course explores the issue of violence against EMS personnel from the perspective of a person holding a leadership position in an EMS agency, with an eye toward developing policies, procedures and plans to effectively handle the situation when a medic is attacked. At the conclusion of this session, participants will be able to describe and discuss agency practices that discourage EMS personnel from reporting attacks; distinguish between an “attacker” and a “patient” when resistance to care or violence is involved; and list three things an EMS agency can do to improve the ability of its personnel to deal with violent attacks.

1–5 p.m.
Teaching the Education Standards 2013
Session P10
Daniel Limmer, AS, EMT-P, Dan Batsie, BA, NREMT-P

The recent education standards bring significant changes to the EMS classroom. In order to better prepare students for certification exams, different classroom techniques and activities may be beneficial. Through lecture and hands-on workshops, participants will learn about and develop their own dynamic activities to pump up the learning, interactivity and fun in the classroom. Educators attending this session are encouraged to bring a notebook or tablet computer to use during the workshop.
Go beyond the algorithm.

Because you regularly respond to cardiovascular emergencies your knowledge and skills need to be exceptional. The American Heart Association’s **ACLS for Experienced Providers (ACLS-EP) Course** is designed for you. This dynamic course uses case-based scenarios to move beyond the algorithms and show you how to apply critical thinking skills to quickly reach a differential diagnosis and effectively manage patients. What you learn may save a life.

**GO BEYOND THE ALGORITHM. BEGIN THE CHALLENGE AT:**

[heart.org/acls-ep](http://heart.org/acls-ep)

---

ACLS for Experienced Providers // American Heart Association

**Dynamic. Critical. Thinking.**
### Tuesday, September 10

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<td>Mike Smith, BS, MICP</td>
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<td>Daniel D. Limmer, AS, EMT-P</td>
<td>Liz Sibley, MA, &amp; Robert Loftus, BS, NREMT-B</td>
<td>William S. Krost, MBA, NREMT-P</td>
<td>Greg Friese, MS, NREMT-P</td>
<td>Troy M. Hagen, MBA, NREMT-P</td>
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<td><strong>Evolution of Battlefield Medical Care: Past, Present and Future</strong></td>
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<td>201: <strong>Chest Trauma and the EMT: Why Your Interventions Still Matter</strong></td>
<td>203: <strong>Scott Frame Lecture</strong></td>
<td>205: Research Roundup from NAEMSP</td>
<td>207: <strong>Pediatric Trauma</strong></td>
<td>208: <strong>Alternative Destinations</strong></td>
<td>210: <strong>Quality Improvement</strong></td>
<td>211: <strong>Healthcare Reform: Will EMS Be a Winner or a Loser?</strong></td>
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<td>Daniel Batsie, EMT-P</td>
<td>Speaker TBA</td>
<td>Lynn Reimer</td>
<td>Shaun Fix, PMD, NREMT-P</td>
<td>Brent Myers, MD, MPH</td>
<td>Bruce Evans, MPA, NREMT-P</td>
<td>Doug Wolfberg, JD, EMT</td>
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### Exhibithours

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<th>Tuesday, Sept. 10</th>
<th>Wednesday, Sept. 11</th>
<th>Thursday, Sept. 12</th>
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<td>11:30 AM – 6 PM</td>
<td>10:45 AM – 3:15 PM</td>
<td>9:15 AM – 1 PM</td>
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**ExhibiHourS**

TuesDay, Sept. 10

11:30 AM – 6 PM

WednesDay, Sept. 11

10:45 AM – 3:15 PM

ThursDay, Sept. 12

9:15 AM – 1 PM
# Conference at a Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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<tr>
<td><strong>8:00 AM – 9:15 AM</strong></td>
<td>401: Case Reviews and Prehospital Rounds</td>
<td>James J. Augustine, MD, FACEP</td>
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<td>402: Taking on the Trauma Triad of Death</td>
<td>Mike Smith, BS, MICP</td>
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<td>403: Shock—Beyond “Fluids and Transport”</td>
<td>Jamie Smith, BS, PMD</td>
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<td>404: How to Be an EMS Advocate</td>
<td>Don Lundy, BS, NREMT-P</td>
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<td>405: Mama, Don’t Let Your Kids Grow Up To Be Ambulance Drivers</td>
<td>Steve Berry</td>
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<td>406: Dynamic Documentation</td>
<td>Steve Wirth, JD, EMT-P, Doug Wolberg, JD, EMT</td>
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<td>407: Managing Excited Delirium</td>
<td>Wren Nealy</td>
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<td><strong>9:30 AM – 10:45 AM</strong></td>
<td>501: Goal-Directed Patient Assessment for EMTs</td>
<td>Daniel Batsie, EMT-P</td>
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<td>502: Responding to Firework Injuries</td>
<td>Ken Bouvier, NREMT-P</td>
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<td>503: Capnography: the Vital Sign of Ventilation</td>
<td>Philis L. Beilfuss, RN</td>
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<td>504: Understanding Drowning 2013</td>
<td>Justin Semprutt, MD, Andrew Schmidt, DO</td>
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<td>505: Mass Casualty and Disaster Management: EMS Lessons from the Colorado Shootings</td>
<td>Chris Colwell, MD, FACEP</td>
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<td>506: Epilepsy and Seizure Management for EMS</td>
<td>Aldith Steer, MA, Gary McLean, RN, EMT-P, Tom McCarrier, NREMT-P</td>
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<td><strong>11 AM – 12:15 PM</strong></td>
<td>601: Coughing Your Brains Out!</td>
<td>Richard Beebe, MS, RN, NRP</td>
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<td>602: Prehospital Implications of Acute Coronary Syndrome</td>
<td>William S. Krost, MBA, NREMT-P</td>
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<td>603: Tips and Tricks for the Difficult Intubation</td>
<td>Shaun Fix, PMID, NREMT-P</td>
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<td>604: Service with a Smile: Dealing with Hostile Patients</td>
<td>Steve Berry</td>
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<td>605: A Long Way to Go and a Short Time to Get There: Rural EMS Response</td>
<td>Jess Fulkerson, EMT-P</td>
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<td>606: Burns &amp; Blast Injuries</td>
<td>James J. Augustine, MD, FACEP</td>
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<td><strong>3 PM – 4:15 PM</strong></td>
<td>701: Why Geriatrics Trick Us</td>
<td>Susie Kochevar, RN</td>
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<td>702: EMS Response to Hazmat Incidents</td>
<td>Ken Bouvier, NREMT-P</td>
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<td>703: The Bloody Truth About Neck Injuries</td>
<td>William S. Krost, MBA, NREMT-P</td>
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<td>704: 2013 Approaches to Pain Management and Sedation</td>
<td>Chris Colwell, MD, FACEP</td>
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<td>705: Combat or Care: EMS Scene Safety for EMS and Fire Personnel</td>
<td>Gary Ludwig, MS, EMT-P</td>
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<td>706: Suicide: Shedding the Veil of Silence</td>
<td>Steve Berry</td>
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<td>707: Culture of Safety</td>
<td>Baxter Larmon, PhD, MICP</td>
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<td>708: Pediatric Assessment: ABCs of Pediatric Emergencies</td>
<td>David G. Nelson, MD</td>
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<td>710: Mobile Integrated Healthcare Summit: How Do I Do This? Program Development &amp; Implementation</td>
<td>Sean Burton, Chris Montera</td>
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<td><strong>3 PM – 4:15 PM</strong></td>
<td>411: Measuring Quality in “Real-Time”</td>
<td>Todd Stout, David E. Slattery, MD, FACEP, FAAEM</td>
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Register online at EMSWorldExpo.com
### MOBILE INTEGRATED HEALTHCARE SUMMIT: WEDNESDAY, SEPTEMBER 11

With the advent of the Affordable Care Act (otherwise known as the “Healthcare Reform Bill”), comprehensive change is coming to healthcare in the United States. The role of EMS providers is among those poised to undergo the greatest evolutions.

At EMS World Expo’s Mobile Integrated Healthcare Summit, top experts and cutting-edge content come together to help agencies navigate this radical new environment. Attend this exclusive event to find out why mobile healthcare is more than just community paramedicine and will redefine your operations.

**8–9:15 A.M.**
810: Laying a Foundation  
Matt Zavadsky, MS-HSa, EMt

**9:30–10:45 A.M.**
509: The Medicine in What We’re doing  
Jeffrey K. Beeson, DO, Brent Myers, MD, MPH

**11 A.M.–12:15 P.M.**
608: How Do I Do This? Program Development & Implementation  
Sean Burton, Christopher Montera

**12:30–2 P.M.**
LUNCH & LEARN*
Collaboration is Key: Implementing the Concept of “Mobile Integrated Healthcare Practice”  
ED Racht, MD, Eric Beck, DO, NREMT, Brent Myers, MD, MPH  
*$35 additional registration fee

**3–4:15 P.M.**
709: Integration and Collaboration With Other Healthcare Practitioners  
Sean Burton, Robert McCaughan, Christopher Montera, Matt Zavadsky, MS-HSa, EMt

**4:30–5:45 P.M.**
809: The EMS Office Says We Can’t, What Now? Addressing Regulatory Issues  
Howard Backer, MD, Buck McAlpin, Kevin McGinnis, MPS, EMT-P

*Sponsored in part by:

**MOBILE INTEGRATED HEALTHCARE SUMMIT: WEDNESDAY, SEPTEMBER 11**

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<tr>
<th>Time</th>
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| 4:30 PM – 5:45 PM | 801: Gimme Some Sugar!  
Jess Fulkerson, EMT-P |
| 4:30 PM – 5:45 PM | 802: Head Trauma & Traumatic Brain Injury  
Dave Hollman, PMD |
| 4:30 PM – 5:45 PM | 804: Active Shooter: Are You Ready?  
Robert Schreihans, EMT-P |
| 4:30 PM – 5:45 PM | 807: National Registry of EMTs 2013 Update  
Severo (Tre) Rodriguez |
| 4:30 PM – 5:45 PM | 808: Pediatric Spinal Immobilization  
Kevin T. Colopy, BA, FP-C, CCETM-P, NREMT-P, WEMT |
Howard Backer, Buck McAlpin, Kevin McGinnis |
| 4:30 PM – 5:45 PM | 811: How Busy Are We?  
Justin Schorr, FF/EMT-P |
### Thursday, September 12

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<th>BLS</th>
<th>ALS</th>
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<td>9:00 AM – 9:15 AM</td>
<td>901: EKG Recognition for EMTs: Part 1</td>
<td>Scott Shadoin, PMD</td>
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<td>902: The Squeeze: Getting the Most Out Of Your Patient Assessments</td>
<td>Mike Smith, BS, MICP</td>
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<td>904: Developing Evidence-Based Protocols</td>
<td>Jeffrey Beeson, DO</td>
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<td>907: The Flipped Classroom: Turning the Traditional Classroom on Its Head</td>
<td>Scott R. Snyder, BS, NREMT-P</td>
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<td>908: Pediatric Overdose: Single Pills That Kill</td>
<td>Peter Antevy, MD</td>
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<td>909: Technology Update—How to Make Smart Decisions &amp; Avoid Costly Mistakes</td>
<td>Todd Stout, Bruce Evans</td>
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<td>911: Texts, Tweets, Blogs and Digital Devices: Legally Regulating Staff Conduct in Today’s “Social Network”</td>
<td>Steve Wirth, JD, EMT-P</td>
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<td>903: Evolution and Revolution in Preoperative Trauma Care: A State-of-the-Art Review</td>
<td>Paul E. Pepe, MD, MPH, FACEP</td>
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<td>905: Hot Response: Mass Event Medicine in an Austere Environment</td>
<td>Bryan Bleedsoe, DO, FACEP, FAEM, Pat Sonner, NREMT-P</td>
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<td>906: What is Public Health? It’s EMS, and It’s You</td>
<td>Sean Kivlehan, MD, MPH, NREMT-P</td>
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<td>907: Complications of Chronic Renal Failure</td>
<td>Kevin T. Colpogy, BA, FP-C, CCEMT-P, NREMT-P, WEMT</td>
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<td>1001: EKG Recognition for EMTs: Part 2</td>
<td>Scott Shadoin, PMD</td>
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<td>1003: A View from the Eagles Nest: 2020 Visions from the U.S. Metropolitan EMS Medical Directors (“Eagles”) Consortium</td>
<td>Paul E. Pepe, MD, MPH, FACEP, Jeffrey K. Beeson, DO</td>
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<td>1004: Case Studies in Medical Emergencies</td>
<td>Scott R. Snyder, BS, NREMT-P</td>
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<td>1005: To Transport or Not to Transport: Pediatric Refusals Gone Wrong</td>
<td>Peter Antevy, MD</td>
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<td>1006: How to Use Data in Your CAD and ePCR to Improve Operational and Clinical Performance</td>
<td>Todd Stout, Nick Nudell, EMT-P</td>
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<td>1007: A Systematic Approach to the Emergency Management Assistance Compact Process: New Jersey’s Experience During Superstorm Sandy</td>
<td>Terry Clancy, PhD, NREMT-P</td>
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<td>1008: The EMS Situation Room: NEMSMA Administrators, Managers and Chiefs Forum</td>
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<td>1:15 PM – 2:30 PM</td>
<td>1101: How Good Is Your Stroke Scale?</td>
<td>Sean M. Kivlehan, MD, MPH, NREMT-P</td>
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<td>1102: Hot Topics in EMS</td>
<td>Scott R. Snyder, BS, NREMT-P</td>
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<td>1103: A Review of the Autonomic Nervous System</td>
<td>Michael Tanaka, RN, CCRN</td>
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<td>1104: Making HEMS Count in STEM</td>
<td>Kevin T. Colpogy, BA, FP-C, CCEMT-P, NREMT-P, WEMT</td>
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<td>1106: Why Preplanning and Preparedness Pay Off! EMS Response to Transportation-Related Disasters</td>
<td>Henry P. Cortacans, MAS, CEM, NREMT-P</td>
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<td>1107: The Money Is Out There! Successful Grant Applications for EMS</td>
<td>Janet Smith</td>
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<td>1108: EMS Tactics and Street Survival for Bike Medics</td>
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Back again for the second year, the World Trauma Symposium is brought to you by the creators of the world-renowned Prehospital Trauma Life Support Program (PHTLS).

Attend the symposium for updates on global trends in trauma care from internationally recognized experts.

This year's topics include:

- The European Approach to Prehospital Care: Rapid Transport vs. Field Treatment
- Mass Shootings Response: Crime Scene Preservation vs. Patient Care
- Transforming Military Care into Civilian Protocols
- The Use of Blood Products During EMS Transport

Benefits of attending the Symposium include:

- Receive 8 hours of CECBEMS-accredited CE, CME or nursing continuing education credits.
- Network with emergency physicians, nurses, paramedics and other EMS personnel from across the nation and around the world.
- Breakfast, lunch and evening reception all included in the full program registration fee.

Registration fees are listed below:

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<td>Physician</td>
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<td>EMT/Paramedic/Nurse/Other</td>
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For more information, visit www.worldtraumasymposium.com
Tuesday, September 10: 8:15–9:30 a.m.

BLS

Man vs. Machine
Session 101
Mike Smith, BS, MICP

Machine-related injuries can be challenging for multiple reasons. Attend this graphic and hard-hitting presentation to gain an understanding of the types of injuries you can encounter, as well as a basic awareness of how machines create them.

Understanding the Anaphylactic Reaction
Session 102
Joseph J. Mistovich, MEd, nREMT-P

Attend this session to gain a better understanding of the pathophysiology associated with an anaphylactic reaction, signs and symptoms, and prehospital management of these patients.

ALs

ALs Special Considerations for the Prehospital Provider
Session 103
Shaun Fiz, PMD, nREMT-P

The paramedic is one of the few individuals charged with the task of managing an arrest from start to finish. How do we recognize and manage cases that fall outside of standard ALs? Trauma, electrolyte issues, drownings, overdoses and unique medical cases will all be reviewed while emphasizing a “think outside the box” mind-set for patients not responding to standard ALs.

General

Misconceptions, Misperceptions and Misadventures in EMS
Session 104
Daniel D. Limmer, AS, EMT-P

Many presentations talk about things we do well, but there is much to learn from things we do poorly or wrong. Dan looks at some common medical misconceptions that affect our decision-making. He has also researched and created a “top 10” list of problems and errors in the field. Attend this presentation to keep yourself off the list and learn from the mistakes of others!

Airway Scenarios We Would Rather Not Think About
Session 105
Daniel Botzin, EMT-P

Our approach to airway management has changed greatly in the last 10 years. Goal-directed therapies have replaced linear, algorithmic responses and, in many cases, simple maneuvers have proven superior to more advanced techniques. However, a small subset of specific and extreme airway challenges exist that tax even the most evolved airway thinker. These situations require creativity, teamwork and critical thinking to manage the patient and achieve the best possible outcomes. This class is designed to flex the muscles of critical decision-making and expand the traditional boundaries of standard interventions. It includes a series of case studies to develop management plans across all levels of EMS care.

Hot Topics from NAEMSP
Session 106
Paul Hinchey, MD, MBA, nREMT-P

At the National Association of EMS Physicians’ (NAEMSP) annual conference, fresh discussion was held regarding old arguments—the role of response time as a measure of EMS quality and the role of intubation in patient outcomes. Dr. Hinchey, with his famous blend of science and humor, will share the best available evidence as it relates to response times vs. patient outcomes, as well as the proper role of advanced airway management in the prehospital setting. Participants will learn how the medical literature has been used (and perhaps misinterpreted) to establish performance metrics and clinical benchmarks relating to these two important topics.

Pediatric

Deadly Defects: Pediatric Congenital Heart Defects
Session 108
William S. Krost, MBA, nREMT-P

Congenital heart defects are the No. 1 birth defect in America. This session will discuss the pathophysiology of pediatric congenital heart defects, in addition to the assessment and management of specific defects. Treatment modalities will be geared toward prehospital management, with some discussion involving definitive treatment of CHDs.

Operations

Distraction Is Deadly: Understanding and Mitigating Its Impact on Teaching, Driving and Patient Care
Session 109
Greg Friese, MS, nREMT-P

EMS providers being distracted by smart phones is a top complaint of EMS managers and educators, but distraction is not new to education or prehospital care. Since Socrates first lectured his pupils, students have been distracted by their own thoughts and field providers by the environment around them. Since the consequences of distraction in EMS can be deadly, EMS managers and educators need to be able to define distraction and understand its impact on learning, teaching, supervision, EMS operations, and patient assessment and care. This session explores strategies to mitigate the occurrence and consequences of distraction, with a specific focus on mobile devices, high-risk patient procedures and vehicle operations. Educators and leaders will also participate in experiential activities they can replicate in their training rooms and simulations to teach students and field personnel about the impacts of distraction.

Strategies and Solutions for Ambulance Transport Safety Systems
Session 110
Nadine Levi, MD, MPH

See EMSWorldExpo.com for description.

Administrator/Manager

EMS Finance Deciphered
Session 111
Troy M. Hagen, MBA, nREMT-P

Attend this session to gain a better understanding of the basic elements of EMS business planning, key finance terminology, guidelines of accounting practice, standard financial statements, key financial metrics and the role of organizational budgets. The class is focused on providing the participant with an overview of finance and accounting methodologies utilizing multiple examples specific to EMS organizations.

Opening Ceremonies and Keynote Presentation
Tuesday, September 10
10 a.m.–11:30 a.m.

Join us during the opening ceremony for award presentations honoring achievements in the industry, followed by our keynote presentation.

The Evolution of Battlefield Medical Care: Past, Present and Future
Lt. Col. Robert L. Mabry, MD, FACEP

In this keynote presentation, Lt. Col. Robert Mabry will trace the most significant advances in battlefield medical care throughout history. He will discuss where future advances can be made and how these relate to current civilian EMS practice. Lt. Col. Mabry will also discuss the 20th anniversary of the Battle of Mogadishu, more commonly referred to as Black Hawk Down, which was fought October 3–4, 1993, in Mogadishu, Somalia, between forces of the United States and Somali militiamen. Lt. Col. Mabry was a Special Forces 10-D medic at the time and treated wounded soldiers in the Battle of Mogadishu.

Register online at EMSWorldExpo.com
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TUESDAY, SEPTEMBER 10: 2–3:15 P.M.

BLS

Chest Trauma and the EMT: Why Your Interventions Still Matter
Session 201
Daniel Batsie, EMT-P
The topic of chest trauma is frequently dominated by an advanced discussion of needle decompression and pharmacological analgesia. However, fundamental interventions performed at a basic level remain essential in achieving optimal outcomes in critically injured patients. This class discusses the pathophysiology of chest injuries and describes key interventions from the EMT perspective. Particular focus will be paid to the mechanism of breathing and techniques used to maintain these mechanics.

ALS

Make the Right Call: STEMI Mimics Part 1
Session 202
Tom Bouthillet, NREMT-P
We all know the importance of identifying ST elevation on the 12-lead ECG so we can identify patients who are eligible for reperfusion therapy, but did you know that acute STEMI is not the most common cause of ST elevation among chest pain patients? In Part 1 of this 2-part session, Tom Bouthillet covers the most common STEMI mimics including left ventricular hypertrophy, paced rhythm, left bundle branch block, early repolarization and pericarditis, along with tips for identifying true STEMI on the 12-lead ECG.

GENERAL

Scott B. Frame Memorial Lecture
Session 203
Speaker TBA
See EMSWorldExpo.com for description.

Street Drugs Part 1: New Trends in Substance Abuse
Session 204
Lynn Reimer
The types of street drugs available continue to change; many are sold online, in gas stations and in smoke shops. Many are legal and have devastating consequences. Drugs are being colored and flavored to make them more appealing to our youth. This session provides valuable training regarding the new trends around alcohol and substance abuse and will help create a better understanding of the effects illicit drug use has on all of us.

Research Roundup at NAEMSP
Session 205
David Slattery, MD, FACEP, FAAEM
NAEMSP is one of the premier meetings for presentation of original research to EMS medical directors and professionals. This past January, 126 original research presentations were delivered at NAEMSP, representing some of the most cutting-edge research being conducted in prehospital medicine. This session highlights the top research presentations presented at NAEMSP with particular emphasis on those studies most likely to impact your clinical practice.

EDUCATOR

Taking the “Problem” Out of Problem-Based EMS Education
Session 206
Daniel O. Limmer, AS, EMT-P
Problem-based and case-based education is being used in medical schools and many other allied health professions. Yet EMS seems stuck in PowerPoint-based monotony. This presentation looks at these two types of medical education and reviews their use in other health professions. Specific examples of use in all levels of EMS education will be presented to help educators transform to a more active classroom.

PEDIATRIC

Pediatric Trauma
Session 207
Shaun Fix, PMD, NREMT-P
Kids are being injured, maimed and killed in epic proportions on our streets. This lecture looks at the “disease process” of pediatric trauma—from statistics, mechanisms, signs and management to our role in prevention and public education. The clinical review will discuss keys to assessing children and common injuries that cause kids to “crash.”

OPERATIONS

Alternative Destinations
Session 208
Brent Myers, MD, MPH
EMS providers and emergency physicians have long known that many patients can be safely transported to a location other than a hospital for appropriate treatment. The problem has always been how we do this safely. How can prehospital providers determine which patients are safe for alternative destinations? This presentation reviews more than two years of experience with alternative destinations accomplished via the Wake EMS system Advanced Practice Paramedic program. Patients with substance abuse, mental health crises and simple falls in assisted facilities appear to be among those who may be safely considered for alternative treatment regimens. Participants will learn how to establish an alternative destination program, as well as some of the performance metrics associated with such a program.

NFPA 1917 and the Federal Specifications for Ambulances
Session 209
John McDonald
Are you prepared for the legislative and technical challenges and opportunities EMS agencies will face during transition from the current federal specification for ambulances (KKK-A-1822F) to the new NFPA 1917: Standard for Automotive Ambulances? Come to this session to find out what you need to know.

ADMINISTRATOR/MANAGER

Quality Improvement
Session 210
Bruce Evans, MPA, NREMT-P
This session reviews a 15-step process to implement a comprehensive quality improvement program. A look at the systems, processes and what an agency can do to support the people who enhance an EMS system’s quality will be presented. The basis for “Just Culture” and how to implement the principles of root cause analysis will be introduced and techniques to assess performance and customer service discussed.

Healthcare Reform: Will EMS Be a Winner or a Loser?
Session 211
Doug Wolfberg, JD, EMT
The healthcare reform law will revolutionize how medical care is provided in the country—and there will be significant impact on EMS. This session reviews the “must-know” elements of this massive new law and how these changes will impact you and your organization. Whether your EMS organization comes out a “winner” or a “loser” will depend a lot on how you approach these changes—and where there is change there is opportunity. This lively and practical presentation will give you the information you need to cope with these changes and provide 10 “must-do” action steps to deal with the new law so that your organization will not only survive but also thrive in the months and years ahead.

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“Compared to the other EMS conferences out there, EMS World Expo has the best variety of topics and speakers.”

—Jon Townley, Aetna Hose Hook & Ladder Company
As one of the busiest EMS departments in the country, the ambulances that serve the City of New Orleans face a unique set of challenges. In the tough urban environment, they are on emergency calls for service 70-75% of the time. These units must stand up to the streets and high call volume. They must also operate as an efficient mobile office, with state-of-the-art technology and ergonomic design, for the first responders and patients that ride in them.

When the City of New Orleans faced the daunting task of selecting a new ambulance manufacturer, they were looking for a company that would stand the test of time.

New Orleans EMS Chief Carl Flores says, "Selecting the right vendor for our new ambulances was critical. We had a unique set of bid specifications that demanded a lot. Most importantly, we weren't looking for someone to just sell us some ambulances and move on. We were looking for a long-term partner. With an initial plan to build over 20 units, and then convert the entire fleet, a lot rested on our decision."

"Braun Industries was chosen as the winning bidder because they have 40 years of proven commitment to the EMS industry and their customers. We talked with some of the largest departments in the country and they all had exceptional reviews about working with Braun Industries. In the end, Braun was able to deliver on all of our requests - when no other manufacturer could. They went above and beyond in proving to us they were in it for the long haul."
TUESDAY, SEPTEMBER 10: 3:30–4:45 P.M.

**BLS**

**Lightning Strike Injuries: Pathophysiology, Assessment and Management**

Session 301

Joseph J. Mislovich, MED, NREMT-P

Various types of lightning, epidemiology and unique pathophysiology of lightning strike injuries, plus assessment and management techniques will be discussed.

**ALS**

**Make the Right Call: STEMI Mimics Part 2**

Session 302

Tom Bouthilet, EMT-P

We all know the importance of identifying ST elevation on the 12-lead ECG so we can identify patients who are eligible for reperfusion therapy but did you know that acute STEMI is not the most common cause of ST elevation among chest pain patients? In Part 2 of this 2-part session, Tom Bouthilet covers some of the less common STEMI mimics including ventricular aneurysm, hyperkalemia, Brugada, WPW, Osborn waves and takotsubo cardiomyopathy, along with tips for identifying true STEMI on the 12-lead ECG.

**Cool Care: Updates on Prehospital Use of Therapeutic Hypothermia**

Session 303

Brent Myers, MD, MPH

This cutting-edge presentation discusses the future of induced hypothermia as we enter the second decade of its use. While the benefits of the treatment are well-recognized for patients who have suffered ventricular fibrillation arrest, novel uses for patients with hanging, spinal cord and head injuries, and even intra-arrest cooling, are now being explored. Utilizing real-life cases, we will review the available evidence for novel uses of hypothermia and provide participants with a framework for protocol creation and treatment decisions.

**GENERAL**

**The Painful Truth About Backboards**

Session 304

Bryan Bledsoe, DO, FACEP, FAAEM

Backboards have always been a part of modern EMS. But are they beneficial? During this presentation Dr. Bledsoe will examine the science, or lack thereof, regarding the use of backboards in EMS. The results may surprise you.

**Street Drugs Part 2: Familiar Friends**

Session 305

Lynn Reimer

In this session, Lynn Reimer reviews familiar street drugs and their use today. Methamphetamine use and abuse is sweeping the nation and abusers will go to any length to get the drug; they’ll cook it anywhere, sell their bodies for it, commit crimes and abandon their children. Cocaine and ecstasy continue to be popular drugs, especially with the 16–30 age groups. The problem is, these drugs have changed in composition and often other drugs are laced in. Knowing how to recognize what the drugs look like, and the indicators of someone under the influence, is only the first part of the battle. The abuse of illicit drugs, especially methamphetamine, places every person working in the public sector at risk, especially first responders and hospital personnel.

**FirstNet and 21st Century EMS Communications: From the Brick to the Tricorder**

Session 306

Kevin McGinnis, MPS, EMT-P

Technology and applications exist that can improve clinical and operational decision-making and enable us to deliver appropriate care faster, but they can’t be used on today’s EMS communication systems. The national public safety community, with significant EMS participation, has fought to have a nationwide interoperable wireless broadband system of its own, and we have won the battle! We now have the bandwidth, $7 billion in funding and a governing structure to do the job. Hear how your agency can become a player in this system’s development and how you can adopt technology for your patients and staff.

**EDUCATOR**

**Chalk Talk**

Session 307

Richard Beebe, MS, RN, NRP

What is “medical intelligence”? What is “pattern recognition”? Do paramedics “diagnose”? Use “concept maps” to get the conversation started! Phenomenal classes only require a white board or a table napkin! Learn about concept maps and mind mapping as a means to help students “visualize” problems and use iconic memory to remember the material.

**PEDIATRIC**

**Pediatric Sepsis**

Session 308

William S. Kroft, MBA, NREMT-P

Caring for a septic child can cause anxiety and fear in even the most seasoned EMT or paramedic. These patients can be difficult to assess and treat due to the vague symptoms they often present with. This session reviews the essential components of a rapid pediatric assessment, along with some discussion on treatment modalities currently being used in pediatric medicine. Through the use of real life case studies, EMS personnel will come away better able to assess and provide care for septic children.

**OPERATIONS**

**Field Use of Social/Mobile Technology: Examples and Ideas for Emergency Service Delivery**

Session 309

Rommie L. Duckworth, EMT-P, Fire Lt.

The explosion of social media and mobile phone and tablet technology is changing our world. Emergency service organizations both large and small are using social media and mobile applications for bread-and-butter operations and large-scale crisis response. Existing and emerging technologies like vehicle early detection systems, custom “9–1–1 apps” and NG9–1–1 systems to gather live information from emergency scenes are enhancing responder effectiveness and safety. Likewise “push” technology like Twitter, Facebook and Google+ staffed by virtual operations support teams allow virtually any department to have two-way communication with citizens to provide services, information or “community sourcing” peer-to-peer assistance. Many of these tools are free and ready to use right now. The question is, how will you choose to apply them?

**RESOLVING ED Overcrowding**

Session 310

Howard Backer, MD, MPH

This session discusses the problem of EMS patient off-load delays in the emergency department, the definition and measurement, factors contributing to the problem in the continuum of emergency care, and approaches to addressing the issue, including a current initiative in California.

**ADMINISTRATOR/MANAGER**

**EMS 2020: A Vision for the Future**

Session 311

Panel discussion moderated by Chris Cebollero, NREMT-P

To say it’s a time of great change for EMS would be an understatement. Everything from the tools we use to how we deliver care to how we get paid to what we call ourselves is in flux, and it’s hard to imagine with much certainty what our field might look like in 5, 7 or 10 years. This panel will focus on the changing roles of EMS in the future of American healthcare, and the opportunities for improvements and personnel who will be engaged in that work. EMS 2020 represents the industry we want for ourselves in the next several years. What kind of EMS world can you imagine? Achieving it starts now.
Curaplex® Robertazzi nasopharyngeal airways are made of soft, flexible neoprene to maximize patient comfort while Curaplex PVC nasopharyngeal airways feature an interior striation for smooth and easy suction catheter insertion. Packaged individually, each airway features a color coded label to clearly denote French sizing. This unique new package design enables immediate and accurate airway selection. Curaplex Robertazzi and Curaplex PVC nasopharyngeal airways are latex free, sterile and single patient use.

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WEDNESDAY, SEPTEMBER 11: 8–9:15 A.M.

BLS
Case Reviews and Prehospital Rounds
Session 401
James J. Augustine, MD, FACEP
EMTs serve their community in a variety of settings, and on any day can expect to manage incidents that involve a patient or patients with illness, injury or other unscheduled event. This session will use case reviews to illustrate principles of management for prehospital care. The cases will involve trauma, critical illness and multiple-casualty events.

ALS
Taking on the Trauma Triad of Death
Session 402
Mike Smith, BS, MICP
This presentation is based on the groundbreaking work of the military in their efforts to more effectively manage hypovolemic shock and focuses on both the individual problems of hypothermia, acidosis and coagulopathy, as well as the interaction of all three processes.

Shock—Beyond “Fluids and Transport”
Session 403
Jamie Smith, BS, PDM
This lecture is for the intellectually curious advanced provider who wants a better understanding of the process and pathophysiology the patient is experiencing rather than just noting mechanism, hypotension and tachycardia. This session will explore the recognition and management of the subtly deteriorating patient with an understanding of what is happening, and how to anticipate and manage patients according to the latest trauma recommendations. Lessons learned from the military will also be discussed.

GENERAL
How to Be an EMS Advocate
Session 404
Don Lundy, BS, NREMT-P
All successful EMS agencies have effective EMS advocates within their ranks. In this session, NAEMT President Don Lundy explains the techniques and tools you can use to successfully advocate for your EMS agency and the EMS profession in your community, in your state and on Capitol Hill. Learn how to effectively communicate with legislators and influence the legislative process. Learn ways to engage state legislators, EMS officials and other state and local leaders who control how federal money gets spent.

Mama, Don’t Let Your Kids Grow Up To Be Ambulance Drivers
Session 405
Steve Berry
With all your educational background, strong parental guidance and common sense you still entered the field of EMS and despite the availability of mental health counseling and prescription medication you continue to this day to remain active in the prehospital care setting. What is the hell is the matter with you? As a new generation of medics prepares to make the same mistakes you did, what would you pass on to them (without getting arrested) that wouldn’t be found in any EMS textbooks and training manuals? How can EMS inspire and recruit future generations to join our ranks? No doubt the advice of keeping your sense of humor would be *boldly italicized* (just as it is here). Join Steve as he points out life’s absurdities while exploring the often-complex coded social messages of humor as seen from the extraordinarily unique EMS point of view.

Dynamic Documentation
Session 406
Steve Wirth, JD, EMT-P, Doug Wolfberg, JD, EMT
Think this is just another documentation session? Think again: This session will open your eyes and change the way you think about EMS patient care documentation. Using actual legal case studies where documentation issues were center stage, it will explore the relationship between documentation and EMS provider liability. We will get to the root of what leads to “bad” documentation and provide practical tips on how to improve not only your field documentation skills, but your overall approach to patient care. This session will also demystify the confusing myriad of new forms and patient signature requirements that are a necessary evil of providing EMS and ambulance service in the 21st century.

Managing Excited Delirium
Session 407
Wren Nealy
This class offers an interactive approach to safely managing an excited delirium (ED) event. Attendees will learn how to recognize ED and how to safely handle someone suffering from ED by learning to minimize the risk of injuries to the rescuers and the patient. The instructor will evaluate current research into the causes of ED; review the benefits of field sedation; and outline how to improve report-writing skills involving arrest-related deaths.

Exam Construction for Novice Instructors
Session 408
Richard Beebe, MS, RN, NRP
A look at good examination construction from a psychometric point of view. An integral part of education is evaluation and many novice, as well as experienced, EMS educators have not themselves been educated on exam construction, formal evaluation practice or measurement in education. This session provides an overview of EMS education evaluation and what can be done to produce better tools that in turn should help produce better educated providers.

PEDIATRIC
Stroke in the Young: Big Numbers for Little People
Session 409
Romnie L. Duckworth, EMT-P, Fire Lt.
New information shows incidents of ischemic stroke increasing more than 50% in patients from 5-14 years old since 1995, despite an overall decrease in stroke among older patients over the same period. In fact, in younger patients (under 45 years old) there have been similar increases among all types of stroke. Despite these increases in incidence, many of these strokes go undiagnosed due the mindset that these patients are simply “too young for stroke.” This program presents assessment tools and innovations in care that can help us provide better outcomes for all victims of cerebrovascular accidents. In this session, we explain the startling reasons behind these dramatic numbers, what EMS can do about them and the diagnostic approach that catches what others often miss.

OPERATIONS
Mobile Integrated Healthcare Summit: Laying a Foundation
Session 410
Matt Zavadsky, MHA
A rundown of the new healthcare landscape and how mobile medicine fits (and differs from another popular new notion, community paramedicine); how to build relationships with stakeholders; how to recognize and communicate value; and why EMS is well positioned to be at the vanguard of this change.

ADMINISTRATOR/MANAGER
Measuring Quality in “Real-Time”
Session 411
Todd Stout, David E. Slattery, MD, FACEP, FAAEM
Have you ever wished your QI process could be more timely? Would you like to be able to give feedback to your crews on important quality metrics within instants, instead of days or weeks later? How about within minutes of the crew returning to service at the hospital? In this session, you will learn how one EMS organization is using technology to rev up their quality program to be able to do just that.

“This was my first Expo and I had a GREAT time. The speakers and classes were the best!”
—Randy Kinchen Sr., Care Ambulance Service

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Goal-Directed Patient Assessment for EMTs

Session 501
Daniel Batsie, EMT-P

The evolution of the EMT has seen patient assessment move from simply representing the “eyes and ears of the field” to guiding specific and often critical interventions. Although all assessment should be comprehensive, modern EMTs must adapt the questions they ask and the diagnostic tests they perform to aid in the development of a specific patient care plan. No longer is the EMT simply checking off boxes on a documentation form, now he is using assessment findings to guide critical interventions. This class will discuss how an EMT can adapt a standard patient assessment to better suit an overall patient care plan. Specific tools, techniques, and patient interview methods will be described in the context of not only considering pathophysiology, but also identifying key interventions.

Responding to Firework Injuries

Session 502
Ken Bouvier, NREMT-P

According to the U.S. Consumer Product Safety Commission, approximately 9,000 people a year are injured by fireworks and treated in emergency rooms, while thousands are injured and do not seek medical attention. Sixty-five percent of these injuries occur around the Fourth of July. Each year between 4 and 6 people are killed by fireworks. In this session, we will discuss how people become patients while using fireworks. At the completion of the class, attendees should be able to better manage injuries caused by fireworks.

Capnography: the Vital Sign of Ventilation

Session 503
Philis L. Beilfuss, RN

This session explores the ever-expanding role of capnography in the prehospital setting. As referenced in the 2010 American Heart Association ECC Guidelines, capnography is now the gold standard for any intubated patient. It is also an increasingly important tool for better assessing a patient, choosing the best treatment pathway and determining if that choice of treatment is effective. This presentation will review the basics of capnography, respiratory physiology, PetCO2 numbers, waveform basics and recognition of a variety of specific waveforms, plus a review and visual examples of the multitude of uses for patients with potentially life-threatening conditions.

Understanding Drowning 2013

Session 504
Justin Semsrott, MD, & Andrew Schmidt, DO

There are many misconceptions regarding drowning. This presentation provides an update on the terminology, pathophysiology and management of drowning patients in the prehospital setting. The educational objectives will focus on field management in the immediate (first 60 seconds), intermediate (1-10 minutes), and prolonged (>10 minutes) phases with an emphasis on evidence-based best practices. Multimedia video presentations will reinforce educational principles.

Mass Casualty and Disaster Management: EMS Lessons Learned from the Colorado Shootings

Session 505
Chris Colwell, MD, FACEP

In this session, Dr. Colwell reviews the core principles of mass casualty management that all providers should be familiar with; discuss how those core principles apply in real scenarios and review the roles of providers both at the scene and at the hospital in managing these scenarios with an emphasis on scene management; and review the lessons learned from the Colorado shootings and how we can all be better prepared for similar events.

Epilepsy and Seizure Management

Session 506
Alldith Steer, MA, Gary McLean, RN, EMT-P, Tom McCarrier, NREMT

Following the Epilepsy Foundation’s new EMS CEU-accredited training program, the instructors will describe a variety of seizures associated with epilepsy, seizures with other potential causes, appropriate EMS response on the scene and issues to consider when determining whether or not further medical care is warranted.

Evidence-Based Medicine in Education

Session 507
Baxter Larmoun, PhD, MIPC

EMS is a practice of medicine, medicine is based on science, and science is based on the evidence that supports a belief or practice. Dr. Larmoun will discuss the process of evidence-based medicine and how this can affect your practice of EMS and delivery of education.

Neonatal Resuscitation

Session 508
Susie Kochevar, RN

People have been having babies for a very long time. Most of the time, the transition from fetal to neonatal respiration happens easily. It is terrifying when the transition does not happen easily. This session will help providers understand and be prepared for rapid neonatal resuscitation using the Inverse Triangle of Resuscitation.

Mobile Integrated Healthcare Summit: The Medicine in What We’re Doing

Session 509
Jeffrey K. Beeson, DO, Brent Myers, MD, MPH

A panel of top EMS medical directors will examine the new requirements of their job; expanded roles vs. expanded scopes for providers; developing new protocols; and the differences between urban and rural models.

EMS System Spotlight: Humboldt General Hospital EMS Rescue

Session 510
Pat Senger, NREMT-P
Humboldt General Hospital EMS Rescue, located in Winnemucca, NV, provides EMS and rescue for a significant part of northern Nevada. The system has been recognized repeatedly for its excellence and forward thinking. This presentation will describe this system with emphasis on its many facets including rescue, critical care transport, community paramedics, and medical and EMS care at the Burning Man event.

How to Become an EMS Superstar: Reputation Management for EMS Leaders

Session 511
Janet Smith
If you’re the EMS chief, ambulance company owner or not-for-profit EMS organization’s president, you are 40% of the “brand” or impression your service makes on those who have the authority to replace or promote you. Attend this session for tips on how to develop a consistent and professional Internet presence and receive turnkey advice on preparing and delivering successful media interviews, public affairs testimony and local/national presentations.

“The conference is always fabulous; I learn so much information while there. The speakers are terrific.”

—Tinka Brown, Marlborough School
Coughing Your Brains Out!

Session 601
Richard Beebe, MS, RN, NRP

There are many non-respiratory causes of the simple cough, a complex defensive reflex, some of which are potentially life-threatening. This session discusses the differential diagnosis of a cough.

Prehospital Implications of Acute Coronary Syndrome

Session 602
William S. Krost, MBA, NREMT-P

ACS is a pathology that is frequently seen and often identified in the prehospital setting. Participants in this session will garner a better understanding of the initial approach to chest pain patients, specifically those with cardiac etiologies. Current cardiac therapies to be discussed include aspirin, nitrates, 2b-3a inhibitors in AMI and various other medications for acute coronary syndrome.

Tips and Tricks for the Difficult Intubation

Session 603
Shaun Fix, PMD, NREMT-P

This session deals specifically with placing an endotracheal tube in the patient who is “hard to tube.” While we understand other devices are an option, and often a good option, “hard to tube.” While we understand other devices are an option, and often a good option, this lecture is designed to review anatomy, positioning, and various techniques and devices to be successful at intubation. Through the use of photos, videos and review of adjunctive intubation devices, this program presents many variations of the standard technique to obtain success.

Operators

Mobile Integrated Healthcare Summit: How Do I Do This? Program Development & Implementation

Session 608
Sean Burton, Chris Montera

Change starts with determining your community’s needs. What’s missing in your area, and what could fix it? Who are the right providers to do so, and what knowledge, skills and abilities do they need? This session also covers licensure, developing curricula, and clinical documentation/patient tracking.

EMS System Spotlight: The Memphis Fire Department Story—Build It and They Will Come!

Session 609
Gary Ludwig, MS, EMT-P

In 2005, the Memphis Fire Department EMS system was completely dysfunctional. There was no training, poor equipment at best, poor response times, management handled by fire personnel with no EMS background, no hiring of paramedics in five years, quality improvement was punitive, plus more. Today, the Memphis Fire Department is a model fire-based EMS system in the United States, operating an all-ALS system with 56 ALS engines and 36 ALS ambulances, a 26% ROSC rate, and a 41-minute medic-to-balloon time for STEMs, plus more. Join Gary Ludwig as he steps through the process of rebuilding an EMS system.

How to Design Your Next Ambulance

Session 610
Nadine Levick, MD, MPH

See EMSWorldExpo.com for description.

10 Mistakes Managers Make

Session 611
Chris Cebollero, NREMT-P

This class outlines the common pitfalls encountered by leaders on a daily basis. Whether it’s making the transition from worker to leader or the failure of the leader to use their delegation and proper communication skills or taking their role as a leader too seriously, it is easy to lose your leadership ability with these common pitfalls. Join us as we discuss the 10 most common management mistakes.

Register online at EMSWorldExpo.com
**WEDNESDAY, SEPTEMBER 11: 3–4:15 P.M.**

**BLS**
**Why Geriatrics Trick Us**  
**Session 701**  
Susie Kochever, RN

The elderly are one of the fastest growing segments of our population and account for approximately one-third of all EMS calls. The aging process tends to mask usual signs and symptoms. What might seem abnormal can actually be normal, and what might seem normal is actually abnormal. This course addresses the demographics of the elderly, the aging process and how to better assess and manage the elderly patient.

**EMS Response to Hazmat Incidents**  
**Session 702**  
Ken Bouver, NREMT-P

Responding to incidents involving hazardous materials can be very dangerous for emergency responders. This session defines a hazardous material, discusses the five modes of transportation of hazardous materials, reviews identification placards, discusses the nine classifications of chemicals and reviews several hazmat incident case studies. A unique slideshow of incidents from around the world will help you to better prepare should such a call happen in your area.

**The Bloody Truth About Neck Injuries**  
**Session 703**  
William S. Hirst, MBA, NREMT-P

The neck houses some of the most vitally important structures in the body. Injuries associated with the neck can have significant impact on a patient’s overall morbidity and mortality. Topics covered in this session include anatomical structures of the neck, physiological considerations of neck structures, and assessment/management of neck injuries.

**2013 Approaches to Pain Management and Sedation in the Field**  
**Session 704**  
Chris Colwell, MD, FACEP

In this session, Dr. Colwell reviews current approaches to pain management in the field, including IV and intranasal medications, as well as additional options we have in the prehospital setting. He will discuss sedation of the agitated patient in the field, including a variety of options that maintain patient safety as well as provider safety. Finally he will review pitfalls involved in pain and sedation practices in the field and how they can be avoided.

**Combat or Care: EMS Scene Safety for EMS and Fire Personnel**  
**Session 705**  
Gary Ludwig, MS, EMT-P

Each year, thousands of EMTs, paramedics and firefighters are assaulted in one form or another while performing their jobs. Unfortu- nately, some are even shot and stabbed. Some never even arrive at the scene because of poor vehicle maintenance or driving skills. This session is designed to provide useful tips and relevant discussion of topics needed to ensure a paramedic, EMT or firefighter returns home to their family at the end of their shift.

**Suicide: Shedding the Veil of Silence**  
**Session 706**  
Steve Berry

It is often described as one of the most painful kind of calls an emergency medical provider will respond to. Whether it is the suicide or attempted suicide of a patient or of someone we know personally, we are often left with complex and disturbing questions. Why did they do it? What can I say to give comfort to the bereaved? How can I help someone who is contemplating suicide? How can I heal from my personal loss? What separates fact from fiction about suicide? These and many more questions will be discussed and answered in an open and honest format in the hope of bringing understanding and comfort to those who are in some way touched by suicide.

**Culture of Safety**  
**Session 707**  
Baxter Larmon, PhD, MICP

It is estimated that hundreds of thousands of lives are lost each year through the care of individuals in hospitals. It is unknown how many lives are lost by EMS providers. Patient safety is one of the nation’s biggest priorities in healthcare. Dr. Larmon will discuss the history and evolution of patient safety in the United States and discuss how EMS needs to develop a culture of patient safety and the importance of this within the educational process.

**PEDIATRIC**
**Pediatric Assessment: ABCs of Pediatric Emergencies**  
**Session 708**  
David G. Nelson, MD

This session discusses the physiologic differences between children and adults; developmental milestones of infants, toddlers, children and adolescents; and the assessment of pediatric patients starting with inspection, airway, breathing, circulation and disability, reviewing normal vital signs (breathing rates and heart rates).

**EDUCATOR**
**Operations**
**Mobile Integrated Healthcare Summit: Getting Along With Others: Integration and Collaboration With Other Healthcare Practitioners**  
**Session 709**  
Matt Zavadsky, Sean Burton, Chris Montera, Robert McCaughan

We’re gaining many new friends and partners under changing delivery models. Learn to work with hospitals, primary-care physicians, ACOs, SNFs, home health, case managers, nonprofit groups and other key players who will help determine your success.

**EMS System Spotlight: So You Think You Can Dance? How to Get Your Public Safety Campaign off the Ground**  
**Session 710**  
Rob Lawrence

Over the last few years the Richmond Ambulance Authority (RAA) has developed outside-the-box thinking to tackle some of the challenges presented by public health issues. The development of the Rider Alert motorcycle helmet safety program has now spread across the country and is on its way around the world. The inability of citizens to cross the road safely because they are distracted led to a song and dance—literally—to draw attention to the issue. The remarkable thing about these programs is that they cost RAA next to nothing to implement thanks to grant funding and sponsorship. RAA CCO Rob Lawrence describes the creation of the programs, their ease of delivery and the important aspect of how and where to attract funding sources to create them.

**Administrator/Management**
**CQI Swapmeet**  
**Session 711**  
Justin Schorr, FF/EMT-P

Since assuming the quality manager position with the San Francisco Fire Department, Captain Schorr has developed tools to track his system both clinically and operationally and looks to share those with other quality managers. Each one of us has a solution to a problem another system is trying to solve, so let’s share. This will be a guided discussion covering a wide range of topics including core performance indicators, dashboard design, operations and deployment tracking, GPS integration and much more. It will be an open forum and attendees are encouraged to bring printouts, thumbdrives and CDs to the session for all to share.

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“I am very grateful for all of the hard work everyone has done to put together this wonderful Expo. It was very informative and worth every bit to go.”  
—Bill Brocklesby, Moscow Fire Department
Gimme Some Sugar!
Session 801
Jess Fulkerson, EMT-P
It is a common occurrence for EMS to respond to diabetic emergencies. However, whether it is Type 1 or Type 2 diabetes, there can be more to these patients than meets the eye. In this presentation, we will discuss what's going on physiologically and psychologically from the perspective of the diabetic. Taught by a diabetic, with interactive discussion and first-hand examples, this lecture will have you walking away with all the mystery taken out of diabetes management.

Head Trauma & Traumatic Brain Injury
Session 802
Darr Holman, PMD
The last 10 years have produced various changes in the management of brain injury. Do we give steroids or not? Should we intubate? Use another airway device? Hyperventilate or just go? This session reviews common causes of SCA, including hypertensive cardiomyopathy, anomalous coronary arteries, myocarditis, commotio cordis and arhythmogenic right ventricular dysplasia. Using several videos of on-field SCAs, including the medic response and the outcome based on quality of response, the presenter will discuss screening, recognition and treatment (defibrillation) and the importance of rapid intervention.

Are You Ready for the Next Pandemic?
Session 806
Raphael Barishansky, MPH
The question isn’t “if” but “when” the next pandemic will occur. The SARS and H1N1 pandemics that swept across the world left us with many patients and should have served as a wake-up call to EMS agencies about the realities they will face in a pandemic situation. Significant absenteeism, altered treatment and/or transport protocols, as well as personal protective equipment needs will all be issues EMS will need to face. This presentation reviews the history of applicable pandemics, how these situations challenge and impact EMS systems, and planning and operational realities.

Running a Code in 2013: A Lot Has Changed in a Decade
Session 803
Sean Kivlehan, MD, MPH, NR-EMT-P
ACLS may change every five years, but the research behind CPR changes weekly. Learn about why recent changes to the guidelines have been made, and how you played a role in it. We will discuss current controversies such as airway management, medications and transport destinations. Using current research, we will develop our own recommendations for 2015.

Active Shooter: Are You Ready?
Session 804
Robert Schreihans, EMT-P
On September 6, 2011, a man walked into an IHOP restaurant in Carson City, NV, and started shooting, leaving four dead, including the shooter, and eight wounded. Captain Robert Schreihans was on the first-in responding unit and presents an overview of the response to the shooting. The session includes fire and police dispatch tapes and security video of the actual shooter in action. When called to the scene of an active shooter, what equipment and resources will you need, or do you have? How well can you interact with all of the different police agencies on the scene? Are your employees prepared to handle the critical stresses of a call of this nature?

SCA in Athletes
Session 805
Adam Bercovits, DO
This session reviews common causes of SCA, including hypertrophic cardiomyopathy, anomalous coronary arteries, myocarditis, commotio cordis and arhythmogenic right ventricular dysplasia. Using several videos of on-field SCAs, including the medic response and the outcome based on quality of response, the presenter will discuss screening, recognition and treatment (defibrillation) and the importance of rapid intervention.

National Registry of EMTs 2013 Update
Session 807
Severo (Trez) Rodriguez
The National Registry is more than just a certification examination—the NREMT is an active member in the EMS community. Like the entire EMS community, the NREMT is going through transitions—transitioning EMS providers to Scope of Practice levels, participating in new projects, conducting new research and transitioning to new leadership. Attend this session to meet the new NREMT executive director, Severo (Trez) Rodriguez, and learn about projects the NREMT is currently participating in and plans for the future, including a significant change to the recertification process.

Pediatric Spinal Immobilization
Session 808
Kevin T. Collussy, BA, FP-C, CCEMT-P, NR-EMT-P, WEMT
This session discusses the rates and common mechanisms of injury that cause pediatric spinal cord injury, and explores how the unique anatomy of pediatric patients causes unique injury presentations such as SCIWORA. With an understanding of the rates and patient presentations of pediatric spinal cord injuries, this presentation argues for the use of a pediatric spine assessment to eliminate unnecessary immobilizations, and then discusses techniques and strategies for effective immobilization when it is truly necessary to put a pediatric patient on a longboard.

Register online at EMSWorldExpo.com
EKG Recognition for EMTs: Part 1
Session 901
Scott Shadoin, PMD
This session is designed to introduce the EMT to the EKG. We will review the anatomy, physiology, and function of the EKG and provide a basis for the participant to truly understand what sinus and atrial rhythms mean to the patient, as well as how to recognize them on the EKG screen or paper.

The Squeeze: Getting the Most Out Of Your Patient Assessments
Session 902
Mike Smith, BS, MICP
One of the most amazing things about patient assessment is that there is no end to just how good you can be. This class focuses on select portions of the assessment process and will provide you with insights to improve the quality of your patient assessments. You will see the benefits on your next call!

Evolution and Revolution in Preoperative Trauma Care: A State-of-the-Art Review
Session 903
Paul E. Pepe, MD, MPH, FACEP
In this state-of-the-art presentation, Dr. Paul Pepe discusses recent advances in resuscitative trauma care by first reviewing the roots of traditional approaches to preoperative airway, ventilation, and fluid management and then addressing new concepts of bleeding control, using both mechanical and “non-mechanical” hemostasis. Progressing from the various lessons learned from recent military experiences, Dr. Pepe will provide a glimpse of promising new civilian trauma interventions for EMS, particularly in those patients with presumed post-traumatic hemorrhage, burns and severe traumatic brain injury.

Developing Evidence-Based Protocols
Session 904
Jeffrey Beeson, DO
There is no single area of EMS administration that may define an EMS agency or have a greater impact on patient care than medical treatment protocols. This session discusses a systematic approach to protocol development that includes researching evidence-based medicine, forming a team, writing the protocols, and finally identifying potential loopholes. We will also review how to get your EMS medical director on board when it comes to the consideration of new protocols, equipment, and patient care practices.

Hot Response: Mass Event Medicine in an Austere Environment
Session 905
Bryan Bledsoe, DO, FACEP, FAEM, & Pat Songer, NREMT-P
Burning Man is a week-long mass gathering held annually in northern Nevada. It draws more than 50,000 people and temporarily becomes the third largest city in Nevada. The provision of EMS and medical care is a challenge. This presentation details the medical care and EMS provided at one of the most unique mass gathering events in the world.

What Is Public Health? It’s EMS, and It’s You
Session 906
Sean Kivlehan, MD, MPH, NREMT-P
EMS walks the line between the hospital world and the outside world. Our access to the public is unparalleled, and allows a perspective no other healthcare practitioner has. It’s time we use that access to improve the health of our community—even before 9-1-1 is called. Learn about how EMS makes a difference every day with prevention, outreach and research.

The Flipped Classroom: Turning the Traditional Classroom on Its Head
Session 907
Scott R. Snyder, BS, NREMT-P
Educators in all disciplines are experimenting with the flipped classroom model, in which students are required to study the class material beforehand, allowing classroom time to be spent applying that knowledge by solving problems and engaging in scenarios. Flipped teaching allows students more time engaged in problem solving with their peers and teacher, and in the process developing the problem-solving and critical thinking skills necessary to be successful in their training and in the field. In this session, Scott Snyder will share with you his experiences in flipping his classroom and give you advice on how to flip and not flop!

Pediatric Overdose: Single Pills That Kill
Session 908
Peter Antevy, MD
Join Dr. Antevy as he takes you through a case-based presentation of single pills that can kill children. Should you give charcoal? What about ipecac? Come try your hand at determining which medications are the most dangerous in the pediatric population and learn how you can make a difference before arriving at the hospital. Dr. Antevy will also discuss where providers can go wrong when evaluating a child with a potentially toxic ingestion.

Technology Update—How to Make Smart Decisions & Avoid Costly Mistakes
Session 909
Todd Stout & Bruce Evans
Technology marches on, but is it all progress? Selecting and implementing appropriate technology, from electronic patient care records (ePCR’s) and billing solutions to CAD, data mining and resource deployment, can be frustrating, confusing and costly. Learn how to navigate these tricky waters and select the right technology for you. This session is designed to provide down-to-earth and up-to-date information on key aspects of emerging technologies including computer aided dispatch and CAD-2-CAD (ePCR’s), and virtualization and cloud-based services.

Superstorm Sandy: New Jersey’s Largest 9-1-1 Call
Session 910
Henry P. Cortacans, MAS, CEM, NREMT-P, Terry Clancy, DO, NREMT-P
Superstorm Sandy was New Jersey’s largest, and the second-most costly, disaster in U.S. history. This session details the EMS response to this catastrophe including the coordinated effort with other state and federal partners, which was instrumental to the overall response that undoubtedly saved lives. The presenters will discuss hospital/nursing home evacuations, the Emergency Management Assistance Compact, multi-agency coordination, providing continuity of operations, development of regional EMS staging areas, mobile field hospital deployments, and the use of medical ambulance buses and interstate mutual aid.

Texts, Tweets, Blogs and Digital Devices: Legally Regulating Staff Conduct in Today’s “Social Network”
Session 911
Steve Wirth, JD, EMT-P
EMS executives, supervisors and managers face unprecedented challenges in maintaining a positive work environment, protecting confidentiality and providing healthcare services in an age of Facebook, Twitter and other social networking sites. Literally in an instant, any employee of your EMS organization can create a PR or compliance disaster by posting private patient information or sensitive employment information for the world to see. This session explores the frontiers of this evolving area of law, and addresses issues such as monitoring employees’ personal Web pages, regulating the use of company and even personal computers, and the limits of “free speech” in the workplace.
EKG Recognition for EMTs: Part 2

Session 1001
Scott Shadoin, PMD

This session is designed to introduce the EMT to the EKG. Building on what participants learned in part 1, this session introduces more serious dysrhythmias including heart blocks and lethal ventricular rhythms. The same process of understanding what is happening anatomically, as well as what it looks like on the EKG, will help the EMT relate the rhythm to clinical relevance for the patient.

Complications of Chronic Renal Failure

Session 1003
Kevin T. Collopy, BA, FP-C, CCMT-P, NREMT-P, WEMT

More than 500,000 Americans receive dialysis to stay alive. Countless more are suffering from renal failure. EMTs and paramedics see these patients on a regular basis during transports to and from dialysis, and during emergencies experienced during their dialysis treatments. After a familiarization with how the renal system functions, this presentation distinguishes acute renal failure from the disease progression that can cause chronic renal failure. Patients with renal failure are at risk for developing many complications, including potentially life-threatening electrolyte disturbances. Join in an exploration of the recognition and management of these many life-threatening conditions. Finally, we will discuss how dialysis works and why patients so often experience emergencies during dialysis.

Case Studies in Medical Emergencies

Session 1004
Scott R. Snyder, BS, NREMT-P

In this engaging session, Scott Snyder will guide participants through medical scenarios using the case-based teaching method. At each step of the patient assessment, participants will discuss the information presented and make decisions regarding further examination, treatment, and the differential diagnosis. Each case will highlight unique physical and diagnostic exam findings the EMT or paramedic can use in the field with their patients the next time they are presented with this problem.

EDUCATOR

Crawl Inside Their Craniums 2.0

Session 1006
Jess Fullerson, EMT-P

As an EMS educator, it is important you address students’ learning needs prior to teaching them, both for the benefit of the instructor and the students! Attend this presentation to develop and utilize teaching techniques that, although unconventional, are useful for adult learners. Create a better understanding of assessment, and how to get more meaningful results out of evaluations, either at end-of-class or periodically throughout class structures. You will learn how using learning assessment tests at the beginning of classes can help us as instructors and about the efficient use of video-recording our students’ skills demonstrations. We’ll also talk a little about what you CAN control as an instructor, what you simply CAN’T, how to tell the difference and the change it will make in your approach to teaching EMS.

PEDIATRIC

To Transport or Not to Transport: Pediatric Refusals Gone Wrong

Session 1007
Peter Antevy, MD

Join Dr. Peter Antevy as he takes you through a tour of difficult pediatric calls that will have you asking: “Does this child really need to be transported to the hospital?” Dr. Antevy will use actual cases and discuss refusals he has dealt with as an EMS medical director and will provide a review of the physiology critical to each of these high-risk calls. To transport or not to transport? You make the call!

OPERATIONS

How to Use Data in Your CAD and ePCR to Improve Operational and Clinical Performance

Session 1008
Todd Stout, Nick Nudell, EMT-P

Are you looking to make improvements in operational performance such as response times, out-of-chute and call processing times? Do you need a better way to monitor clinical performance and more quickly identify QI issues, such as correctly identifying patients who require a cath lab and ensuring STEMI patients receive aspirin prior to arrival at the hospital? There are literally dozens of clinical and operational factors that can be monitored and improved through the use of data you’re already collecting. At the outset of the session, Todd and Nick will take a poll of participants to see which “pain points” most resonate with the group and then adapt the presentation to address the most pressing needs.

Taking Doctors Out to Play: How an Ambulance Service Helped the ED

Session 1009
Linda K. Dykes MBBS (Hons) FCEM FGCertMedEd

The United Kingdom is currently seeing a shortage of emergency medicine doctors. In a bid to improve recruitment, a clinical fellow program was developed to allow doctors a year out of their residency to be exposed to various aspects of prehospital emergency medicine. One unexpected benefit of the program has been an increase in paramedic-friendly docs in the ED who also help train advanced paramedic practitioners.

A Systematic Approach to the Emergency Management Assistance Compact Process: New Jersey’s Experience During Superstorm Sandy

Session 1010
Terry Clancy, PhD, NREMT-P

Planning for an emergency or disaster is paramount for territories and agencies alike. Having a baseline understanding of how to receive multiple resources via a coordinated response into your region via the Emergency Management Assistance Compact is imperative when a disaster overwhelms your EMS system. This session will review the process, best practices and lessons learned through this national system from New Jersey’s perspective during Superstorm Sandy.

Register online at EMSWorldExpo.com
THURSDAY, SEPTEMBER 12: 1:15–2:30 P.M.

BLS

How Good Is Your Stroke Scale?
Session 1101
Sean M. Kivelahan, MD, MPH, NREMT-P
Not all stroke scales are created equal. In this era of thrombolysis and stroke centers, rapid stroke assessment and transport has never been more important, but recent studies have shown that EMS providers can miss 50% or more of strokes! Find out why this is happening, and how you can improve your diagnostic ability.

Hot Topics in EMS

Session 1102
Scott R. Snyder, BS, NREMT-P
Want to know what you will be seeing and doing in the field tomorrow, next month or six months down the line? Check out this breaking-news presentation, which will review what’s hot in EMS patient care, education and technology.

A Review of the Autonomic Nervous System: Sympathetic and Parasympathetic Receptor Sites
Session 1103
Michael Tanaka, RN, CCRN
In this session, Michael Tanaka reviews how the autonomic nervous system impacts our patients’ lives during and after a trauma. Through understanding what the receptor sites trigger and the physiological response, EMS providers will have a better insight into how different drugs activate, inhibit or block these receptor sites.

GENERAL

Making HEMS Count in STEMI
Session 1104
Kevin T. Collogio, BA, FP-C, CCEMT-P, NREMT-P, WEMT
When used right, patient transport by medical helicopter has the ability to decrease both morbidity and mortality. While helicopters have been clearly shown to help trauma patients, their benefit during medical emergencies, particularly for STEMI, has had mixed reviews at best. This presentation reviews and discusses the current published literature that shows how helicopter transport for STEMI patients fails to provide the patient any benefit; however, it then shares how one helicopter program has worked with its regional EMS partners to appropriately utilize helicopter transports for their STEMI patients. In the spirit of working together, this presentation also discusses when a helicopter will not be beneficial, and how each team member in the transport of a STEMI patient must own their piece of the process to help ensure optimal patient outcomes.

Sweet Spots, Snappy Concepts & Stutter CPR: Pushing the Next Envelope in Cardiopulmonary Resuscitation
Session 1105
Paul E. Pepe, MD, MPH, FACEP
Evolving evidence may soon change our current focus on simply sustaining coronary perfusion pressure with uninterrupted compressions and, instead, redirect us toward optimizing systemic and coronary flow during CPR. This new paradigm and several other concepts taken from other specialty practices may help us to examine new therapies for cardiac resuscitation and neuroprotection such as flow enhancing drug combinations, stutter CPR, lipid emulsion therapy, hormone infusions and double-sequential defibrillation. In this classic envelope-pushing session from the speaker, these evolving techniques and other revolutionary concepts in cardiopulmonary resuscitation research will be presented and discussed.

EDUCATOR

Getting Out of the Small Pond: An Insider’s Guide to Publishing and Lecturing on EMS Topics
Session 1107
Raphael Barishansky, MPH
Have you ever looked at an article in a trade or academic EMS journal and thought, I could have written that? Have you ever heard a presenter at a conference and thought, I have a great idea for a presentation? EMS education does not end in the traditional classroom. Hear from an experienced writer and lecturer on how to develop and focus your ideas, understand the opportunities available to write and speak, review what and how to present to decision makers, write presentation proposals and how to get yourself ready to enter the world of EMS publishing and speaking.

OPERATIONS

Why Preplanning and Preparedness Pay Off: EMS Response to Transportation-Related Disasters
Session 1109
Henry P. Cortacans, MAS, CEM, NREMT-P
This presentation will discuss two major transportation EMS planning projects: The Port Security New Jersey EMS Planning Initiative and the Passenger Rail New Jersey EMS Planning Initiative. Attend this session to understand the preparedness and planning activities that are essential to EMS in a transportation disaster response; understand why site-specific critical infrastructure plans are necessary; understand the need to pre-identify incident facilities in a plan; and get a brief overview of case studies where these plans were implemented.

EMS Tactics and Street Survival for Bike Medics
Session 1110
Wren Nealy
EMS cyclists can often find themselves in an urban environment or mass gathering where the patient or the crowd becomes unruly and a threat to their safety. This class provides cyclists with a new skill set to defend themselves using their bike to maneuver through and manage large crowds and use it as a self-defense tool. Medics can apply these same principles to working on an ambulance. Attendees will learn how to recognize warning signs of a potential attack; define threat stress and explain ways to mitigate the effects on performance; discuss the culture that has contributed to assaults on medics; and explain the five “D”s and how they relate to medic safety.

The Money Is Out There! Successful Grant Applications for EMS
Session 1111
Janet Smith
Presenter Janet Smith applies her expertise submitting winning ambulance RFP responses for 9-1-1 and hospital contracts to her proven process for preparing grant funding contenders to compete for the federal, state and foundation dollars available. This session offers not-for-profit, primary EMS and fire department EMS leaders a winning strategy that includes before-application public relations and collaborations that will help justify funding requests, as well as tips for distinguishing an organization’s funding “ask” as a top-of-the-stack application. Janet will offer case studies regarding successful education, equipment and operating capital grant opportunities, as well as offering take-home wordsmith tips for authors.
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Baxter Larmon, PhD, MICP  
Professor of Emergency Medicine, David Geffen School of Medicine, University of California at Los Angeles (UCLA); Founding Director, UCLA Center for Prehospital Care

Rob Lawrence, MCMi  
Chief Operating Officer, Richmond (VA) Ambulance Authority

Nadine Levick, MD, MPH  
CEO, Objective Safety Foundation; Director of Pediatric Emergency Services, Harlem Hospital, NY
Daniel D. Limmer, AS, EMT-P
Educator, Kennebunkport, ME

Robert Loftus, BS, NREMT-B
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Deputy Fire Chief, Memphis (TN) Fire Department; EMS Section Chair, International Association of Fire Chiefs

Don Lundy, BS, NREMT-P
EMS Director, Charleston County EMS, Charleston, SC, NAEMT President

Lt. Col. Robert L. Mabry, MD, FACEP
Director, Military Emergency Medical Services and Disaster Fellowship Program, San Antonio Military Medical Center (SAMMC), San Antonio, TX

Tom McCarron, NREMT
Epilepsy Foundation

Buck McAlpin
Director of Government Affairs, North Memorial Health Care, MN

Robert McCaughan
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