



2019 Annual Meeting

Specialty Workshops, Scientific Assembly & Trade Show



January 7-12, Austin, TX

JW Marriott Austin

Monday, January 7, 2019

NAEMSP® National EMS Medical Directors Course & Practicum®

This course will include:

8:00 a.m. – 4:30 p.m.

- A foundation upon which to function effectively as an EMS medical director regardless of EMS system type
- Specific management tools, which may be of use in your local EMS system
- Dialogue with EMS physicians and professionals from a number of different systems that will develop a network for future problem solving
- An understanding of how EMS functions within the broader emergency care system at a local, state, and national level
- A foundation for a career in EMS

Course Co-Directors:
Beth Adams, MA, RN,
NREMT-P
Robert Swor, DO

EMS Quality Improvement and Safety Workshop

Are you interested in stepping up the quality of your agency or EMS system? This is the course for you! Designed for EMS medical directors and quality leaders who want to improve the clinical quality of their service and need the tools to be more effective, the course will apply the lessons of healthcare improvement to the challenges of EMS and out-of-hospital care. During the course you will learn the tenets of improvement science and how to practically apply these lessons to your environment, be it a small agency, a larger EMS system or a state-wide effort. This year we are expanding the course to a two-day format. The course is designed flexibly – two days are recommended, but each day works independently, depending on your experience with quality improvement.

8:00 a.m. – 5:00 p.m.

- Day 1: This day will take participants through an immersive hands-on experience, including the basic structure of quality improvement and patient safety in EMS. The aim of the day is to build the framework for an improvement project in your system using workshop and small group format. This is appropriate for individuals who are starting their improvement learning or working to create a foundation for quality improvement within their organization. Prerequisite for NAEMSP Quality and Safety Course 2019-20.

Course Co-Directors:
Scott Bourn, PhD, RN,
EMT-P
Michael Redlener, MD

Tuesday, January 8, 2019

NAEMSP® National EMS Medical Directors Course & Practicum®

This course will include:

8:00 a.m. – 5:00 p.m.

- A foundation upon which to function effectively as an EMS medical director regardless of EMS system type
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- Dialogue with EMS physicians and professionals from a number of different systems that will develop a network for future problem solving
- An understanding of how EMS functions within the broader emergency care system at a local, state and national level

Course Co-Directors:
Beth Adams, MA, RN,
NREMT-P
Robert Swor, DO

- A foundation for a career in EMS

EMS Quality Improvement and Safety Workshop

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8:00 a.m. – 5:00 p.m.

- Day 2 – ADVANCED QUALITY IMPROVEMENT: Designed to build on the topics of Day 1, the Day 2's Advanced Quality Improvement program is designed for individuals who have at least some experience in quality improvement, as well as those seeking a forum to support the improvement work they are doing in their own system. Course faculty and participants from the 2018-2019 Quality and Safety Course will guide participants through prior projects and case studies to highlight challenges and lessons learned regarding data, leading change, project management and more. Day 1 is NOT a prerequisite, but is encouraged. Prerequisite for NAEMSP Quality and Safety Course 2019-20.

Course Co-Directors:
Scott Bourn, PhD, RN,
EMT-P
Michael Redlener, MD

Advanced Topics in Mobile Integrated Health/Community Paramedicine (MIH/CP)

The purpose of this workshop is to provide a discussion forum for advanced topics in the development and sustainability of community paramedicine/mobile integrated healthcare programs, including: measurement of cost savings and clinical outcomes, overcoming regulatory hurdles, understanding and mitigating liability concerns, setting educational requirements and competency assessments, managing documentation and data exchange and developing relationships with community-based resources.

8:00 a.m. – 12:00 a.m.

Course Co-Directors:
Kevin Munjal, MD, MPH
David J. Schoenwetter, DO

EMS Faculty Development: Leadership Skills

We all have leadership roles in EMS, but very few of us have had formal training in how to lead, how to develop junior leaders, and how to be mentors. Join us to learn key leadership skills and performance pearls. Map out your leadership development plan with input from our EMS faculty!

1:00 p.m. – 5:00 p.m.

Course Co-Directors:
Stacy Weisberg, MPH, MD,
FAEMS
Chetan Kharod, MD, MPH

Operational Canine: Point of Injury Medical Care for EMS Medical Directors

This workshop will provide education to EMS medical directors in the treatment of immediate, life-threatening illness and injuries that may occur to operational canines.

8:00 a.m. – 5:00 p.m.

Course Director:
Daniel S. Schwartz, MD,
FACEP, FAEMS

Wednesday, January 9, 2019

NAEMSP® National EMS Medical Directors Course & Practicum®

This course will include:

- A foundation upon which to function effectively as an EMS medical director regardless of EMS system type
- Specific management tools, which may be of use in your local EMS system
- Dialogue with EMS physicians and professionals from a number of different systems that will develop a network for future problem solving
- An understanding of how EMS functions within the broader emergency care system at a local, state, and national level

8:00 a.m. – 4:00 p.m.

Course Co-Directors:
Beth Adams, MA, RN,
NREMT-P
Robert Swor, DO

- A foundation for a career in EMS

NAEMSP® Advanced Topics in Medical Direction™

8:00 a.m. – 5:00 p.m.

This unique one-day workshop is designed for practicing EMS Medical Directors and others who engage in clinical supervision of functioning emergency medical dispatchers, emergency medical technicians and paramedics.

Course Director:
Paul Hinchey, MD, MBA

All Things Airway-Airway Management in the Fresh Cadaver

This workshop will offer a unique combination of the exceptional anatomic and procedural process of the cadaver lab with the airway lab. Here, several different types of video laryngoscopy devices and supraglottic airways will be integrated and demonstrated using the cadavers.

In addition, this workshop will provide other unique opportunities to review the relevant anatomy associated with critical care and lifesaving procedures. The relevant review of the anatomy will include airway, chest cavity and vascular access landmarks. Faculty includes nationally-known EMS medical directors and experienced emergency medical services providers.

Course Co-Directors:
Jacob Keeperman, MD
Andrew McCoy, MD, MS
Dan Spaite, MD, FACEP
Marvin Wayne, MD

8:00 a.m. – 12:00 p.m.

Under expert instruction, participants will have the opportunity to practice the following procedural skills: basic airway management, direct and video laryngoscope intubation, intraosseous access and various other emergency procedures. The participants will have the opportunity for anatomical exploration as it relates to these procedures providing a unique appreciation of the anatomy and the impact of the disease process. An analysis of the unnecessary risk and the potential for complications when these procedures are performed in suboptimal conditions will be explored.

Optimal Pediatric Care: Making It Happen in Your System

With recent changes in the EMSC performance measures for agencies and the release of position statements advocating for physician oversight of EMS pediatric care, this workshop will provide medical directors with best practices and strategies for optimizing pediatric care within their systems. Presenters will provide an introduction to physician oversight of pediatric care in EMS with the following content:

- Introduction to physician oversight of pediatric care in EMS
- Overcoming barriers to providing pediatric physician oversight
- Pediatric-focused quality improvement
- Developing and implementing pediatric guidelines/protocol
- Best practices in conducting pediatric skills assessment
- EMSC and the Pediatric Readiness Project EMS Survey

8:00 a.m. – 12:00 p.m.

Course Director:
Julie C. Leonard, MD, MPH

12:30 p.m. – 5:30 p.m.

International EMS Medical Directors Course Train the Trainer (invitation only)

NAEMSP Board Members
(not seeking CME)

Out-of-Hospital Critical Procedure Cadaver Lab

The purpose of this workshop is to provide a unique opportunity to review relevant anatomy associated with critical care and lifesaving emergency procedures. Participants will enhance their understanding of the various procedures and the associated risks and benefits through the hands-on practicum. The relevant review of the anatomy will include airway, chest cavity and vascular access landmarks. Key opinion leaders, nationally known EMS medical directors, and emergency medical services providers serve as faculty for this program.

Course Director:
Jacob Keeperman, MD

1:00 p.m. – 5:00 p.m.

Under expert instruction, participants will have the opportunity to practice the following procedural skills: basic airway management, direct and video laryngoscope intubation, intraosseous access and various other emergency procedures. The participants will have the opportunity for anatomical exploration as it relates to these procedures providing a unique appreciation of the anatomy and the impact of the disease process. An analysis of the unnecessary risk and the potential for

complications when these procedures are performed in suboptimal conditions will be explored.

4:00 p.m. – 6:00 p.m. Committee Meeting - Standards & Practice

4:00 p.m. – 6:00 p.m. Committee Meeting - Council of EMS Fellowship Directors

6:00 p.m. – 6:45 p.m. New Member Reception

6:45 p.m. – 8:45 p.m. Welcome Reception in the Exhibit Hall

Thursday, January 10, 2019

7:00 a.m. – 5:00 p.m. Registration

7:00 a.m. – 8:15 a.m. PEC Breakfast (invitation only)

7:00 a.m. – 8:15 a.m. Continental Breakfast

7:00 a.m. – 8:15 a.m. Committee Meetings

GENERAL SESSIONS

8:00 a.m. – 8:30 a.m. **Welcome & President's Address** J. Brent Myers, MD, MPH, FAEMS

8:30 a.m. – 9:45 a.m. **Keynote Address: TBD** Governor Tom Ridge

9:45 a.m. – 10:15 a.m. **The New National Scope of Practice**
The 2018 revision of the National EMS Scope of Practice Model is finished and has a huge impact on the practice of EMS at all levels. The presenters will describe the process and result of the project and final document. Scott Bourn, PhD, RN, FACHE
Peter Taillac, MD, FAEMS

10:15 a.m. – 10:45 a.m. Break in the Exhibit Hall

10:45 a.m. – 11:00 a.m. **PEC Update** James Menegazzi, PhD

11:00 a.m. – 12:00 p.m. **Research Oral Presentations**

12:00 p.m. – 1:20 p.m. Boxed Lunches in the Exhibit Hall

12:00 p.m. – 1:20 p.m. Committee Meetings

CONCURRENT SESSION 1

1:30 p.m. – 2:00 p.m. **1A. Myths & Lies of Pediatric Trauma**
Children get hurt so often we tend to classify everything as a "BooBoo" or a lights and siren EMERGENCY! By better understanding what are factual injury patterns, signs and symptoms, and treatment pathways we can better care for this patient population from the first EMS contact to returning to be a kid! Robert Waddell, EMT-P (ret)

1:30 p.m. – 2:00 p.m. **1B. Tribal EMS in the United States: Challenges & Innovation**
The presenter will discuss the challenges of Tribal EMS and of Tribal EMS innovations, such as unique forms of community paramedicine that are working well and potentially applicable elsewhere. Chelsea White, MD, NRP, FAEMS

1:30 p.m. – 2:00 p.m. **1C. Behavioral Health Crisis & EMS: This is Maddening!**
The presenter will address questions such as, how do we provide best practices for agencies dealing with community paramedicine, inter-facility Kimberly Pruett, MD

transport or emergency evaluation of the increased calls for patients with psychiatric needs safely for the patient and the provider? What are the laws that keep us from doing more/less?

CONCURRENT SESSION 2

2A. Optimizing EMS Destination Choice for Pediatric Patients

EMS transport destination decisions have enormous impact on both patient care and on EMS operations. Triage tools exist to guide bypass to specialized facilities for adult conditions such as STEMI, stroke and adult and pediatric trauma. Pediatric specialty care is similarly regionalized, but EMS widely operates without specific guidance on optimal transport destination. When a child is transported to a hospital which cannot provide definitive care (under-triage), care is delayed, of lesser quality, and patients suffer minor or major harms. When a child is transported to a resource hospital that is not required (over-triage), it is an unnecessary burden on EMS resources and patient resources. The presenters will review the evidence base about destination choice for pediatric patients, and discuss potential evidence-based ways to optimize pediatric destination choice to the unique needs of individual EMS systems and the complexities of individual patient care situations. They will also introduce the PDTree project, a federally-funded effort to develop an evidence-based tool to guide EMS transport destination decision for pediatric patients.

Jennifer Anders, MD
Jennifer Fishe, MD, FAAP

2:05 p.m. – 2:35 p.m.

2B. Mountain Medicine

The presenter will provide a case-based presentation on backcountry EMS and how it interfaces with front country EMS, incorporating ICS, remote care guidelines, and other situations where EMS care priorities differ from the typical EMS call.

Will Smith, MD, Paramedic

2:05 p.m. – 2:35 p.m.

2C. Integration of Public Health in EMS

EMS provider agencies must adapt to the increasing call load, the majority of which is low-acuity patients. Many of these patients have chronic medical issues, substance abuse, mental health, and social issues. We must be innovative to create appropriate responses to these issues while maintaining excellence in responding to time critical emergencies.

Marc Eckstein, MD, MPH,
FAEMS

2:05 p.m. – 2:35 p.m.

CONCURRENT SESSION 3

3A. School Shootings & Pediatric Trauma

The sad truth is that most public spaces, including schools, are soft targets for acts of violence. While none of us like the idea of this madness, let alone talking about the topic, it is the reality we live in. The presenter will bring to light past school shootings, a few points on how we, as the EMS community, can better prepare ourselves in dealing with these situations, and touch on some pediatric trauma highlights.

Moses Mhayamaguru, MD,
EMT-P

2:40 p.m. – 3:10 p.m.

3B. Rural EMS Physician Response- a Canadian Perspective

For the past four years Nicholas Sparrow has been responding to delta / echo calls (the highest priority 911 calls) in rural Nelson, British Columbia, Canada. He volunteers his time to support the emergency services and help the most critically ill or injured patients. Nicholas will share lessons learned and how he believes this is the future for North American EMS Systems.

Nicholas Sparrow, MBBS,
BSc, CCFP-EM

2:40 p.m. – 3:10 p.m.

3C. Leadership Education in U.S. EMS Fellowships

The presenter will discuss why we need to teach leadership in a deliberate way and provide results of a survey of all EMS fellowship program directors across the U.S.

Chetan Kharod, MD, MPH

2:40 p.m. – 3:10 p.m.

CONCURRENT SESSION 4

3:15 p.m. – 3:45 p.m.	4A. Pediatric Readiness in EMS Systems: A Joint Position Statement from AAP, NAEMSP, ACEP, ENA, & NAEMT The presenter will discuss the recently published joint position statement "Pediatric Readiness in EMS Systems." An explanation and supporting background literature will be presented for each bulleted recommendation in this position statement.	Brian Moore, MD
3:15 p.m. – 3:45 p.m.	4B. Sustainable Volunteer EMS Paramedic services (EMS) operating in rural areas are highly reliant on volunteer and first responder models. Little has been reported on how these models could be made more sustainable. Our study identified factors that might facilitate the successful integration and improved sustainability of volunteer emergency health providers in paramedic services. Creating sustainable volunteer emergency health service delivery models requires thoughtful leadership styles that exhibit an understanding of how to integrate volunteers with salaried staff through respectful and inclusive management processes, adequate resourcing, and appropriate recognition systems.	Peter O'Meara, PhD
3:15 p.m. – 3:45 p.m.	4C. Quantifying EMS Fellowship Activity The presenters will describe how the University of New Mexico has tracked and quantified EMS fellowship activities through an online database to better identify areas of improvement for EMS fellowship activities.	Emily Pearce Darren Braude, MD, MPH, EMT-P, FAEMS
3:45 p.m. – 4:15 p.m.	Break in the Exhibit Hall	
4:15 p.m. – 5:15 p.m.	Research Oral Presentations	
5:30 p.m. – 6:45 p.m.	Research Poster Session 1	
5:30 p.m. – 6:45 p.m.	Innovations EMS Fellowship Education Poster Session	
6:00 p.m. - 10:00 p.m.	Distinctly Canadian Workshop (separate registration fee applies)	Russell MacDonald

Friday, January 11, 2019

6:30 a.m. – 7:30 a.m.	Fun Run/Walk
7:00 a.m. – 5:00 p.m.	Registration
7:00 a.m. – 8:00 a.m.	Continental Breakfast
7:00 a.m. – 8:00 a.m.	Committee Meetings

GENERAL SESSIONS

8:00 a.m. – 8:45 a.m.	Using Data Visualization for Quality Improvement The presenter will discuss how creating interactive data visualizations can promote self-initiated quality improvement, predict future operations, and drive your training goals.	Rachel Stemerman, NRP
8:45 a.m. – 9:15 a.m.	Quality Improvement in EMS: Lessons from the 2018-2019 NAEMSP Safety & Quality Course In January 2018, NAEMSP kicked off the first annual quality and safety course designed to foster quality improvement in the EMS community. More than 25 participants are working on projects to improve the care provided to their patients. The presenters will discuss lessons learned from this experience and highlight project successes and challenges.	Scott Bourn, PhD, RN, FACHE Michael Redlener, MD

Affirming EMS Care for Transgender & Gender Diverse Patients

9:15 a.m. – 10:00 a.m.

Transgender and gender diverse patients make up a vulnerable population that is present within all of our service areas and which has historically been misunderstood and overlooked. An estimated 0.6% of the population identifies as transgender or gender diverse, and this population has many health vulnerabilities that may bring them in contact with EMS. As one dramatic example, 40% of transgender adults report attempting suicide at least once. Medical education has historically included little education related to this population, and one third of self-identified transgender individuals report negative interactions with healthcare providers related to their gender status. This presentation will cover what it means to be transgender, health related vulnerabilities, where the healthcare and EMS systems fall short for these patients, and what easy steps we can take to affirm and care for this population. The presenter is an EMS physician and a parent of a transgender child.

Eric Lowe, MD, FACEP,
FAEMS

10:00 a.m. – 10:30 a.m.

Break in the Exhibit Hall

CONCURRENT SESSION 5

10:30 a.m. – 11:00 a.m.

5A. Research Oral Presentations (part 1)

5B. Mass Gathering Events-Medical Care Considerations

Providing medical care at large scale events comes with its unique challenges and considerations. Here we will continue the review of uncommon topics in EMS, specifically mass gathering medical care. This session will review the unique issues surrounding medical care for large numbers of spectators and participants with emphasis on the goals of care, the planning considerations, and the medical oversight of medical care teams. The provision of care during varying types of events and locations will be compared and contrasted as to the types of patients encountered, frequency of typical care events, and the factors impacting the number and types of providers needed.

10:30 a.m. – 11:00 a.m.

Douglas Swanson, MD,
FAEMS

CONCURRENT SESSION 6

11:05 a.m. – 11:35 a.m.

6A. Research Oral Presentations (part 2)

6B. Clinical Ethics, Issues in EMS

A case based review of ethical issues faced by EMS Crews and EMS Medical Directors. Topics to be covered include a review of basic concepts such as the four types of consent, capacity vs competence, Informed refusal, and more obscure issues such as impaired surrogates, and moral distress of providers.

11:05 a.m. – 11:35 a.m.

Kenneth Hanson, MD

CONCURRENT SESSION 7

11:40 a.m. – 12:10 p.m.

7A. Wilderness Medicine Updates

The presenter will provide a summary of current best practices and updates on wilderness/environmental emergencies in a dynamic case-based format.

Will Smith, MD, Paramedic

11:40 a.m. – 12:10 p.m.

7B. 3rd Trimester, Births, Babies!

Joelle Donofrio, DO

12:10 p.m. – 1:15 p.m.

Boxed Lunches in the Exhibit Hall

12:10 p.m. – 1:15 p.m.

Committee Meetings

CONCURRENT SESSION 8

1:15 p.m. – 2:15 p.m.

8A. Research Oral Presentations

1:15 p.m. – 2:15 p.m.	<p>8B. Death at the Junction: Treating Junctional Injuries Upper & Lower Body</p> <p>A hands on session where the participants will learn the knowledge and skills necessary to save lives when a junctional tourniquet is the treatment of choice.</p>	Robert Waddell, EMT-P (ret) Marvin Wayne, MD
1:15 p.m. – 2:15 p.m.	<p>8C. Lifelong Learning & Self-Assessment Articles (part 1)</p> <p>The presenters will provide a review of the 2018 EMS LLSA articles for ABEM certified physicians. <i>Although the LLSA session is broken down into three parts, plan to attend all three sections in order to discuss all articles.</i></p>	Brian Clemency, DO, MBA, FAEMS Jacob Keeperman, MD, FAEMS Michael Lohmeier, MD FAEMS Andy McCoy, MD, MS
CONCURRENT SESSION 9		
2:20 p.m. – 2:50 p.m.	<p>9A. Load & Go or Stay & Play? The Realty of Time Criticality in Trauma, Acute Coronary Syndromes, & Stroke & Its Implications for Prehospital Treatment & Transport</p> <p>The presenter will lead a discussion of the evidence for outcome impact of delayed treatment for three of the major traditional diseases for which short scene times and rapid transport are considered critical to good outcomes. He will discuss the importance of taking the time to perform certain key interventions before hospital arrival.</p>	James M. Nania, MD, FACEP
2:20 p.m. – 2:50 p.m.	<p>9B. Emergency Incident Rehabilitation</p> <p>The presenters will review the science, logistics, and politics in the provision of emergency incident rehabilitation by EMS personnel.</p>	David Cone, MD Sandy Bogucki, MD, PhD
2:20 p.m. – 2:50 p.m.	<p>9C. Lifelong Learning & Self-Assessment Articles (part 2)</p> <p>The presenters will provide a review of the 2018 EMS LLSA articles for ABEM certified physicians. <i>Although the LLSA session is broken down into three parts, plan to attend all three sections in order to discuss all articles.</i></p>	Brian Clemency, DO, MBA, FAEMS Jacob Keeperman, MD, FAEMS Michael Lohmeier, MD FAEMS Andy McCoy, MD, MS
CONCURRENT SESSION 10		
2:55 p.m. – 3:25 p.m.	<p>10A. If You Want to Make Enemies...Try to Change Something</p> <p>Change is said to be constant, and there is no place where this is truer than in EMS. Our services are constantly changing protocols, equipment, and procedures. Depending how well we manage these changes, their impact can cause a few ripples of discontent or a tidal wave of rebellion among our providers. The presenters will discuss many of the key principles of change management and organizational effectiveness that have been used in other non-medical organizations, and apply them to real-life changes that have occurred in EMS agencies, highlighting missteps and lessons learned.</p>	John Lyng, MD, FAEMS, FACEP, NRP
2:55 p.m. – 3:25 p.m.	<p>10B. The Role of EMS on the Fireground</p> <p>The role of EMS on the fireground is often overlooked. The presenters will discuss how to utilize EMS personnel in the incident command, firefighter welfare/safety, treatment, and transportation of fireground personnel and civilians. They will also present how NFPA 1584 needs to be practiced and utilized on a fireground with EMS.</p>	Dustin Anderson, MD, NRP Dennis Rubin, BS, EFOP, CEM, CFOD, CMOD
2:55 p.m. – 3:25 p.m.	<p>10C. Lifelong Learning & Self-Assessment Articles (part 3)</p> <p>The presenters will provide a review of the 2018 EMS LLSA articles for ABEM certified physicians. <i>Although the LLSA session is broken down into three parts, plan to attend all three sections in order to discuss all articles.</i></p>	Brian Clemency, DO, MBA, FAEMS Jacob Keeperman, MD, FAEMS Michael Lohmeier, MD FAEMS Andy McCoy, MD, MS
3:30p.m. – 4:00 p.m.	Break in the Exhibit Hall	

GENERAL SESSIONS

4:00 p.m. – 5:00 p.m.	Research Oral Presentations
5:00 p.m. – 5:15 p.m.	PAC/Advocacy
5:30 p.m. – 6:45 p.m.	Research Poster Session 2
6:45 p.m. – 7:15 p.m.	Certification Reception

Saturday, January 12, 2019

8:30 a.m. – 12:00 p.m.	Registration
7:00 a.m. – 8:00 a.m.	Continental Breakfast
7:00 a.m. – 8:00 a.m.	Committee Meetings

GENERAL SESSIONS

8:00 a.m. – 8:30 a.m.	<p>How to Pass the EMS Subspecialty Exam</p> <p>Taking the EMS Board Certification Exam can be a daunting task. Last year only 63% of test takers passed the exam. Candidates preparing to take the 2019 exam can kick off their studying by attending this session. The speakers will discuss exam preparation strategies and material. Sample practice questions will be used to discuss core content areas and test taking strategies unique to the exam. Most importantly, the presenters will attempt to answer the question "Why do experienced EMS physicians fail the exam?", and what can you do to avoid those same pitfalls.</p>	<p>Brian Clemency, DO, MBA, FAEMS Michael Levy, MD</p>
8:30 a.m. – 9:00 a.m.	<p>Handoffs: A High Risk Area for Patient Safety</p> <p>Clinical handover is a high-risk area for patient safety. EMS providers usually have only one opportunity to convey information about a patient to ED personnel. Omissions during handoff or information missed by the receiver due to disorganized handoff could detrimentally affect a patient's care and outcome. Studies including reviews of quality improvement databases and resuscitation videotapes, as well as qualitative studies, have revealed that a significant amount of information is lost in the transfer of care from EMS to emergency departments and identified means of improvement. The speaker will discuss key principles for clinical handoff, standardized tools that could be used for handoff, and the relatively scant literature on handoffs. Options for teaching and practicing handoffs will be presented.</p>	<p>Toni Gross, MD, MPH</p>

CONCURRENT SESSION 11

9:05 a.m. – 9:35 a.m.	<p>11A. Law Enforcement Navigation of Psych Patients Away from the ER: How San Antonio Pulled Together & Pulled This Off</p> <p>The presenters will discuss how San Antonio stake holders came together to design a novel approach to divert healthy uninjured psychiatric patients away from ERs and navigate them to psychiatric facilities directly by law enforcement using a load balancing system. This resulted in better outcomes and decreased use of EMS and a reduction in ER utilization.</p>	<p>David A. Miramontes, MD, FACEP, FAEMS CJ Winckler, MD</p>
9:05 a.m. – 9:35 a.m.	<p>11B. How to Negotiate an EMS Medical Director Contract</p> <p>The presenters will provide an overview of how to negotiate an EMS medical director contract, including pitfalls and what to look for.</p>	<p>Ed Racht, MD Brent Myers, MD, MPH, FAEMS</p>

CONCURRENT SESSION 12

9:40 a.m. – 10:10 a.m.	12A. Resuscitation Academy Successes	<p>Mike Levy, MD Mark Westfall, MD Paul Zeeb, MD</p>
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	The presenter will show how many mid-sized EMS agencies are making real progress in improving their survival rates from out-of-hospital cardiac arrest by following the 10 programs promoted by the Resuscitation Academy.	
9:40 a.m. – 10:10 a.m.	12B. Medical Director Survival Stories In a relaxed setting, medical directors will present pre-submitted cases from their practice. Each case will be followed by learning points for the audience.	Phil Moy, MD Joshua Stilley, MD
10:10 a.m. – 10:30 a.m.	Break	
GENERAL SESSIONS		
10:30 a.m. – 11:00 a.m.	EMS Agenda 2050 The presenters will summarize the most recent iteration of the EMS Agenda 2050 document and its potential implications on EMS in the future	Marianne Gausche-Hill, MD, FAEMS Jeff Jarvis, MD, MS, EMT-P, FAEMS
11:00 a.m. – 11:45 a.m.	The Future Isn't The Same as it Has Been: High-stakes Low-incidence Events Not So Rare Anymore Recently there have been an increasing number of field amputations & catastrophic building collapses, we will touch upon lessons learned and how can we be prepared.	Benjamin Abo, DO, EMT-P, EMTT, FAWM
11:45 p.m. – 1:15 p.m.	Awards Luncheon	
1:30 p.m. – 2:15 p.m.	35 Years of MCI Presentations As NAEMSP celebrates its 35th anniversary, we take time to review past presentations on MCIs to understand how events, threats, and response have evolved over more than 3 decades of experience. This lecture will glean "lessons learned" from previous MCI lectures given at NAEMSP annual conferences, as well as incorporate knowledge from external sources such as US Dept. of Homeland Security, FEMA, and other entities involved with MCI response.	John Lyng, MD, FAEMS, NREMT-P
2:15 p.m. – 2:45 p.m.	Response Times? Pffft! Bring on the Clinical Metrics We have all grown up in an EMS industry that uses response times as the sole metric for quality service. Dr. Jarvis will argue that there are other metrics that are just as, if not more, important indicators of quality. Using blinded data from a national ePCR vendor, he will describe several important clinical performance indicators, why they are important and how well EMS is doing on these topics across the nation. Indicators include aspirin, 12 lead acquisition and early notification of STEMIs in cardiac patients, CPAP and NTG use in patients with CHF, beta agonist use in asthma and more.	Jeff Jarvis, MD, MS, EMT-P, FAEMS
2:45 p.m. – 3:15 p.m.	Evidence-Based Guideline Projects: How Do They All Fit Together? Over the past decade, numerous projects have been carried out to bolster the evidence-base for EMS and develop guidelines and performance metrics aimed to improve the care delivered in the field. These include multiple individual evidence-based guidelines (EBGs), the National Model EMS Clinical Guidelines project, the National Prehospital Guidelines Strategy, the EMS Compass project, the Prehospital Guidelines Consortium, and other ongoing EMS EBG-related activities of many national organizations. How do these projects fit together? What has been accomplished and what is in progress? How can individual EMS medical directors and EMS professionals benefit from these ongoing efforts?	Christian Martin-Gill, MD, FAEMS
3:15 p.m. – 3:45 p.m.	Break	

Top NAEMSP Position Papers of 2018

3:45 p.m. – 4:15 p.m.

Each year NAEMSP publishes position statements on various topics, but some are more controversial than others. This lecture will be delivered by Dr John M Gallagher, the NAEMSP Standards and Practice Chairman, and will cover the details of how these challenging positions came to life. Sometimes it's quite the story...Fencing, fighting, torture, revenge, giants, monsters, chases, escapes, true love, and miracles.

John Gallagher, MD,
FACEP

4:15 p.m. – 4:45 p.m.

Top 5 Articles 2018

Joelle Donofrio, DO
Jeremiah Escajeda, MD,
FAEMS
Scott Goldberg, MD, MPH,
FACEP, FAEMS
Phil Moy, MD

4:45 p.m. – 5:00 p.m.

Closing Remarks

5:00 p.m. – 6:00 p.m.

Closing Reception