

Vital Signs 2022



NEW
YORK
STATE

Vital Signs
EMS Conference

A Program of the New York State Department of Health

October 26-30, 2022
Empire State Plaza Convention Center
Albany, New York

Conference Program

WEDNESDAY, OCTOBER 26

- 8 a.m.–5 p.m. **NAESME Instructor Course I**
- 4 p.m.–6 p.m. **Registration Opens**

THURSDAY, OCTOBER 27

- 7 a.m. **Registration Opens**
- 8 a.m.–5 p.m. **TWO-DAY PRECONFERENCES**
 - ALS Core Refresher
 - BLS Core Refresher
 - Rockstar Critical Care Refresher
 - NYS EMS Supervisor's Class: Skills for a Front Line Leader
- 9 a.m.–12 n
 - Certified Instructor Update – Session A
- 1 p.m.–4 p.m.
 - Certified Instructor Update – Session B

FRIDAY, OCTOBER 28

- 7 a.m. **Registration Opens**
- 8 a.m.–5 p.m. **TWO-DAY PRECONFERENCES**
 - ALS Core Refresher
 - BLS Core Refresher
 - Rockstar Critical Care Refresher
 - NYS EMS Supervisor's Class: Skills for a Front Line Leader
- 8 a.m.–5 p.m. **ONE-DAY PRECONFERENCE**
 - NY NAEMSP Future of EMS: Looking at Yesterday, Today and Tomorrow
- 8 a.m.–12 n **HALF-DAY PRECONFERENCES**
 - Pediatric Airway and Ventilation 2.0: More Than What You Learned in Class
- 1 p.m.–2 p.m. **FRIDAY SESSION**
 - GENERAL ■ Situational Awareness and PPE in EMS
- 2:30 p.m.–3:30 p.m. **FRIDAY SESSION**
 - GENERAL ■ Are You Prepared for PEDS?
- 4 p.m.–5 p.m. **FRIDAY SESSION**
 - GENERAL ■ I Didn't Sign Up for This: A Look at Pandemic-related PTSD in Frontline Healthcare Workers

SATURDAY, OCTOBER 29

- 7 a.m. **Registration Opens**
- 8 a.m.–9 a.m. **SESSION 1**
 - 1A BLS Poor Prognostic Indicators: BLS Patient Assessment
 - 1B ALS Why It May Not Be the Panacea You Think
 - 1C EDUCATOR Measurement and Assessment: A Primer for EMS Instructors

SATURDAY, OCTOBER 29 (continued)

- 1D CRITICAL CARE Peripheral Vascular Trauma and Management
- 1E GENERAL Most Important Articles and Research Impacting EMS Physicians
- 1F LEADERSHIP Women in EMS Leadership
- 9:30 a.m. **Presentation of State EMS Council Awards**
New York State EMS Memorial Service
Opening Keynote Address: Your Best Self: Practicing Proactive Professionalism
- 2 p.m.–3 p.m. **SESSION 2**
 - 2A BLS Don't Know Nothin' Bout Birthing No Babies
 - 2B ALS A New Problem in the Management of DKA: A Case-based Approach
 - 2C EDUCATOR Scaffolding and Student Advancement
 - 2D PEDIATRIC Preparing for PEDS: Building a Mindset that Fosters Technical and Cognitive Readiness
 - 2E GENERAL NYS Bureau of Education Update
 - 2F LEADERSHIP Conducting Investigations in an EMS Organization
- 3:15 p.m.–4:15 p.m. **SESSION 3**
 - 3A BLS Sick or Not Sick: The Need for a Rapid 60-90 Second Primary Exam
 - 3B ALS Beta Cells, T-Cells and the Battle of the Bands
 - 3C EDUCATOR Creating Valid Test Questions
 - 3D PEDIATRIC Pediatric Trauma
 - 3E GENERAL Difficult Conversations about Uncomfortable Topics
 - 3F LEADERSHIP Harnessing Emotional Intelligence for Leadership Success
- 4:30 p.m.–5:30 p.m. **SESSION 4**
 - 4A BLS Pump Up the Volume
 - 4B ALS Strokes Hidden in Plain Sight
 - 4C EDUCATOR Training the Thinking EMT
 - 4D CRITICAL CARE Technology-assisted Kids
 - 4E GENERAL Ask NYS Medical Directors
 - 4F LEADERSHIP Volunteer Recruitment, Retention and Public Education

Conference Program *(continued)*

SUNDAY, OCTOBER 30

7 a.m. Registration Opens

8 a.m.–9 a.m. SESSION 5

- 5A BLS** Playing with Dolls: Out with START, In with RAMP
- 5B ALS** He's Alive: ROSC in the Field and Successful Elements of Post Cardiac Arrest
- 5C EDUCATOR** Educating Successful EMTs, Not Just Good Test Takers
- 5D CRITICAL CARE** Mechanical Circulatory Support
- 5E GENERAL** Taking Care of Our Own: Psychological and Resiliency
- 5F LEADERSHIP** Don't Hate the Player, Hate the Game

9:30 a.m. Presentation of EMS Agency Innovation Awards

**Closing Keynote Address:
Taking the Path Less Traveled:
Advancing in EMS**

1 p.m.–2 p.m. SESSION 6

- 6A BLS** All Jacked Up
- 6B ALS** Toxicologic Emergencies and Emerging Drug Trends
- 6C EDUCATOR** Mindfulness in Medical Education and Patient Care
- 6D PEDIATRIC** Pediatric Field Resuscitation
- 6E GENERAL** Honoring Patient Wishes: MOLST Forms and Their Interpretations
- 6F LEADERSHIP** Quality Improvement for Dummies

SUNDAY, OCTOBER 30 *(continued)*

2:15 p.m.–3:15 p.m. SESSION 7

- 7A BLS** Granny Fell Down and Gramps Can't Poop: Understanding the Special Needs of Geriatric Patients
- 7B ALS** Medications Affecting the Autonomic Nervous System
- 7C EDUCATOR** Reinventing Recertification: An Update on the National Registry Continued Initiative
- 7D CRITICAL CARE** It's All Right: The Right Ventricular Infarct and 15 Lead EKGs
- 7E GENERAL** Is Our EMS System In Need of Rescue?
- 7F LEADERSHIP** Becoming a Leader You Would Want to Follow

3:30 p.m.–4:30 p.m. SESSION 8

- 8A BLS** Them Bones
- 8B ALS** A Patient by Any Other Name: Rethinking Your Approach to "Lift Assist"
- 8C EDUCATOR** Scaling the Wall of Educator
- 8D PEDIATRIC** It's Not Supposed to Be This Way
- 8E GENERAL** NYS Operations Update
- 8F LEADERSHIP** Data and Deployment

Three-Day Preconference Workshops

WEDNESDAY, OCTOBER 26, THURSDAY, OCTOBER 27 and FRIDAY, OCTOBER 28

8 a.m.–5 p.m.

NAEMSE Instructor Course 1

Jarred Kallmann
Assistant Director
NAEMSE

Connie Mattera
EMS Administrative Director and System Coordinator
Northwest Community Healthcare
NAEMSE National Faculty

Dr. Carlene Thornton
Senior Health Educator, Georgia School District
and NAEMSE National Faculty

The NAEMSE EMS Instructor Course has been designed and developed as a result of the DOT/NHTSA National Guidelines for Educating EMS Instructors and the National Education Standards for EMS. NYS has adopted the NAEMSE Instructor course as the initial certification for CIC Credentialing. **This class will be held at the Hampton Inn, 125 Chapel Street, Albany, NY 12210.**

Pricing

Three-Day NAEMSE Instructor Course 1 Only \$425

Three Day NAEMSE Instructor Course 1 \$550

*(If also attending the main Saturday
and Sunday conference sessions)*

Two-Day Preconference Workshops

THURSDAY, OCTOBER 27 and FRIDAY, OCTOBER 28

8 a.m.–5 p.m.

BLS Core Refresher

Dan Batsie

EMS Chief, Vermont Department of Health

Dan Limmer

Co-Founder, Limmer Education

Stephanie Cordwell

EMS Department Chair and Paramedic Program Director
Kennebec Valley Community College

Will Krost, M.D.

Emergency Physician, Mercy Health

This two-day workshop will offer a modern and refreshing spin on the traditional EMT refresher program. Rather than regurgitate tired textbook slides, these sessions will focus on student engagement and embrace the most important and relevant topics for modern EMTs. Students will discuss topical changes and developments in prehospital medicine; review evidence-based patient care best practices; and engage the critical thinking necessary to excel in the world of dynamic EMS. These sessions will shift from the mindset of a simple refresher and push toward the essential concepts of continuing education. EMTs and CFRs will earn 16 hours of BLS core content that may be applied towards NYS CME-Based Recertification. Attending this course for two consecutive years will satisfy all your core content requirements for recertification. These 16 hours may also be applied towards the Mandatory Core Content required by the NREMT by meeting the objectives of the EMS National Education Standards.

| Topic | Hours 2021 | Hours 2022 | Hours 2023 |
|---|---------------|---------------|---------------|
| Preparatory | 1 | 1 | 1 |
| Airway | 1 | 1 | 1 |
| Patient Assessment | 2 | 1 | 2 |
| Pharmacology/Med Admin/ Emergency Meds | 1 | 1 | 1 |
| Immunology/Toxicology | 1 | | 1 |
| Endocrine/Neurology | 1 | | 1 |
| Abdominal/Geni-Renal/ GI/Hematology | 2 | 1 | 2 |
| Respiratory | | 1 | |
| Psychiatric | | 1 | |
| Cardiology | | 1 | |
| Shock and Resuscitation | 1 | 1 | 1 |
| Trauma | 2 | 2 | 2 |
| Geriatrics | 2 | 1 | 2 |
| OB/Neonate/Pediatrics | | 2 | |
| Special Needs Patients | 1 | | 1 |
| EMS Operations | | 1 | |
| Additional Elective | 1 | 1 | 1 |
| TOTALS | 16 | 16 | 16 |

8 a.m.–5 p.m.

ALS Core Refresher

Dan Batsie

EMS Chief, Vermont Department of Health

Dan Limmer

Co-Founder, Limmer Education

Stephanie Cordwell

EMS Department Chair and Paramedic Program Director
Kennebec Valley Community College

Will Krost, M.D.

Emergency Physician, Mercy Health

This two-day workshop will offer a fast paced and creative approach to advanced provider continuing education. Through a combination of lecture, interactive discussion, and engaging active learning, students will earn 16 hours of ALS core content that may be applied toward their NYS CME-Based Recertification. This series of sessions will explore current topics of interest in EMS with an eye toward developing critical thinking practitioners. Modern best practices will be described while maintaining an evidence-based approach to assessment and treatment recommendations. Attending this workshop for two consecutive years will satisfy all of your core content requirements for recertification. These 16 hours may also be applied towards the Mandatory Core Content required by the NREMT by meeting the objectives of the EMS National Education Standards. 2 Year plus 6 hrs. non-core.

| Topic | AEMT Hours 2022 | CC Hours 2022 | Paramedic Hours 2022 |
|---|-----------------------|---------------------|----------------------------|
| Preparatory | 1 | 1 | 1 |
| Airway Management and Ventilation | 0.5 | 1.5 | 1.5 |
| Pharmacology/Med Admin/ Emergency Meds | 1 | 1.5 | 1.5 |
| Immunology | x | x | x |
| Toxicology | 0.5 | 0.5 | 0.5 |
| Endocrine | x | x | x |
| Neurology | 0.5 | 0.5 | 0.5 |
| Abdominal/Geni-Renal/ GI/Hematology | 1 | 1 | 1 |
| Respiratory | 1.5 | 1.5 | 1.5 |
| Psychiatric | 1 | 1 | 1 |
| Cardiology | 2 | 3 | 3 |
| Shock and Resuscitation | 1.5 | 1.5 | 2 |
| Trauma | 1.5 | 1.5 | 1.5 |
| Geriatrics | 1 | 1 | 1 |
| OB/Neonate/Pediatrics | 1.5 | 1.5 | 1.5 |
| Special Needs Patients | 0.5 | 0.5 | 1.5 |
| EMS Operations | 1 | x | 1 |
| TOTALS | 16 | 16 | 16 |

Two-Day Preconference Workshops

THURSDAY, OCTOBER 27 and FRIDAY, OCTOBER 28

8 a.m.–5 p.m.

NYS EMS Supervisor's Class: Skills for a Front Line Leader

Lisa Giruzzi
Co-Founder
EMS Leadership Academy

Robbie MacCue
Co-Founder
EMS Leadership Academy

The goal of this 2-day leadership training is to give you the latest evidence-based theories and strategies to enhance your capacity as a leader, which will help you to create a thriving, sustainable, and magnetic organization. Over the course of two days, you will discover the barriers to being an effective leader and how to transform yourself so that you will become unstoppable even in the face of challenges and disagreement. In this highly interactive and engaging program you will learn the source of your recruitment and retention problems and how to solve them. The curriculum will be delivered via two 8-hour in-person training classes.

8 a.m.–5 p.m.

Rockstar Critical Care Refresher

Reuben Farnsworth
President
RockStar Education and Consulting

Glen Burket, M.D.
Medical Director
Mesa County EMS

Are you having trouble finding CE hours to satisfy the requirements for your critical care cert? Look no further, this exciting pre-con will give you a solid 16 hours of irrefutable critical care CE. We will dive into lab values, airway, cardiology, ventilators, and advanced assessment. Come prepared to think and improve your critical care medicine. The course is presented by a highly experienced Critical Care Transport Paramedic and an Emergency Physician who is Board Certified in EM and EMS. The class is approved by the ISBC for FP-C and/or CCP-C.



Save the Date
Location
To Be Announced
at This Year's
Vital Signs Conference
October 19-22, 2023



**Vital Signs
EMS Conference**

A Program of the New York State Department of Health

One-Day Preconference Workshops

THURSDAY, OCTOBER 27

Certified Instructor Updates

BEMS Education Staff

Come join the BEMS Education staff for a three-hour instructor update. There will be two separate class sessions: one morning session and one afternoon session. Each session will meet the three-hour requirement for the NYS update for your instructor renewal.

9 a.m.–12 n

Certified Instructor Update – Session A

Distance Learning in NYS EMS Courses

As technology evolves and more software becomes available to EMS educators, we have increasing opportunities to provide effective and meaningful distance learning education to our profession. In this session we will discuss what that looks like for course sponsors, identify tools and resources available, and look at the pitfalls to avoid. *(Drew Chesney)*

Through the Years with Jean Taylor

Jean Taylor has just recently retired from the NYSDOH BEMSATS. Through her 17½ years at the Bureau of EMS, she has seen a lot of changes to the Department, especially in education. Come join Jean for this informal reflection of her years, the changes that we all have endured in EMS, and her vision of the future. *(Jean Taylor)*

Teaching the Adult Learner

A majority of the students encountered in EMS training programs are adults. Many have not been in a classroom setting in several years. Adult students are anxious about learning, and especially about being tested. In general, adult students are very different from elementary or secondary students. Join us as we assist the instructor in identifying the differences that exist among adult students and finding a practical approach to modify your teaching to accommodate and add the needs of these students. *(John MacMillan)*

1 p.m.–4 p.m.

Certified Instructor Update – Session B

Conflict in the Classroom, Tools and Policies of the Course Sponsor

It is inevitable that an educator will run in to a challenging situation with a student in their classroom. In this session will discuss resolution of common conflicts, the importance of having sound code of conduct, progressive discipline, and termination/appeals policies in place. We will also discuss the importance of learning contracts and how they are not just for refresher students. *(Drew Chesney)*

Making Learning Fun

Who said that learning cannot be fun? In teaching EMS, adding a little excitement into a lecture can be all that is needed to make learning tolerable, and keeping your students engaged. Some educators may say that “we are here to learn and teach, not have fun”. In fact, some students learn better when there is a high degree of interactivity within the classroom. We will go over some games that can be used in the classroom as well as some guidelines for gamification. *(John MacMillan)*

CME Portal Update and Information

So, everyone knows how to use the CME portal and all the ins and outs on submitting your CME refresher. Didn't think so. Join Gene Myers as he goes over some of the issues that he and his team have seen since the portal has gone live. *(Gene Myers)*

FRIDAY, OCTOBER 28

8 a.m. – 5 p.m.

NY NAEMSP Future of EMS:

Looking at Yesterday, Today and Tomorrow

Maia Dorsett, M.D., Ph.D., FAEMS FACEP
Lauren Maloney, M.D., NRP, FP-C, CIC, NCEE
Jeremy Cushman, M.D., MS, EMT-P, FACEP, FAEMS
Brian Clemency, D.O., MBA, FACEP, FAEMS
Mike McEvoy, Ph.D., NRP, RN, CCRN
Michael Dailey, M.D., FACEP, FAEMS
Johanna Innes, M.D., FAEMS
Christopher Galton, M.D., NRP

Kevin Munjal, M.D., MPH
Bradley Kaufman, M.D., FAEMS
Jack Lewis, D.O., NRP
Michael Redlener, M.D., FAEMS

The practice of prehospital medicine is rapidly evolving. In this series of rapid-fire presentations, debates and interactive panels, EMS physicians and professionals will discuss the present and future of EMS including clinical advancements, controversies, quality improvement and education. ALS Core credit will be awarded. This preconference is brought to you by the New York Chapter of the National Association of EMS Physicians (NAEMSP).

Half-Day Preconference Workshop

FRIDAY, OCTOBER 28

8 a.m. – 12 n

Pediatric Airway and Ventilation 2.0: More Than What You Learned in Class

Jason Haag

Quality Assurance Analyst and Clinical Educator

Bruce Barry

Paramedic Program Director

The University of Vermont Health Network

Elizabethtown Community Hospital

Katie Koshak

Registered Flight Nurse

Mercy Flight Central

Melissa Padulsky

Owner

Little Hearts Big World, LLC

Janet Taylor

Flight Nurse

Life Flight Eagle Air Transport

We know that pediatric airways are different from adult airways – but how much of this do we truly understand? This session is comprised of two parts: a didactic component reviewing pediatric assessment and anatomy and physiology in pediatric patients followed by a skills lab. The skills lab will have 5 stations: Basic Airway Management, Advanced Airway Management, PEEP & Manometers, Intraosseous Placement, and Pediatric Cricothyrotomy. Designed to both review and increase EMS provider knowledge related to pediatric respiratory emergencies, this class is open to both BLS and ALS providers.

Objectives:

- Review pediatric airway anatomy and physiology
- Practice ventilating porcine lungs using PEEP valves and manometers
- Practice basic and advanced airway placement
- Practice effective ventilation methods for pediatric patients
- Practice IO access for pediatric patients

Conference Workshops

FRIDAY, OCTOBER 28

FRIDAY SESSIONS

1 p.m. – 2 p.m.

GENERAL

Situational Awareness and PPE in EMS

William McDonald

Senior Certified Instructor Coordinator

SIEMT

The purpose of this presentation is to revisit a topic where many EMS providers do not receive proper education, including in their original or refresher courses, EMS documentation! This presentation will address topics such as the importance of ensuring proper pedigree information of a patient, what is meant by mental status and “making a rational decision”, the importance of a thorough assessment, history, and documentation of such, importance of baseline vital signs and monitoring the V/S, why time stamps matter, common perils and pitfalls seen in many lawsuits, the lack of understanding on what is “against the law” as stated by several providers under oath, and when an EMS provider is not covered. (NYS CME: All Levels – Non-Core)

2:30 p.m. – 3:30 p.m.

GENERAL

Are You Prepared for PEDS?

Amy Eisenhauer

EMS for Children’s Coordinator

NYS Department of Health, Bureau of EMS and Trauma Systems

EMS providers at large are uncomfortable providing care for pediatric patients, but they account for approximately ten percent of EMS responses nationally. While most EMS agencies see significantly fewer patients under the age of 18 being prepared to treat these patients improves their care and long-term outcomes. Join us to learn more about EMS for Children and the Pediatric Emergency Care Coordinator program and how it can benefit your patients, your agency, and your providers. (NYS CME: All Levels – OB/Neo/Peds)

4 p.m. – 5 p.m.

GENERAL

I Didn’t Sign Up for This: A Look at Pandemic-related PTSD in Frontline Healthcare Workers

Katie Koshak

Registered Flight Nurse

Mercy Flight Central

The undeniable effect that the COVID-19 pandemic has had on the mental health of frontline healthcare workers is insurmountable. As first responders, nurses, and other frontline workers we have shouldered the burden of the pandemic. The constant sickness and death we’ve experienced, compounded with long hours and lack of resources has caused many of us to stretch beyond our capacity. Some of us have reached the point of suffering from mental health disorders, including but not limited to, Post Traumatic Stress Disorder (PTSD). Let’s take some time to talk about the thing that no one seems to want to talk about; our mental health. (NYS CME – All Levels)

Conference Workshops

SATURDAY, OCTOBER 29

SESSION 1

8 a.m.–9 a.m.

1A BLS

Poor Prognostic Indicators: BLS Patient Assessment

Stu Rosenhaus
Adjunct Instructor
Brooklyn College

A review of key signs and symptoms will help prehospital care providers quickly identify immediate life-threatening conditions. The focus will be on developing critical thinking skills needed during patient assessment, including the need for rapid interventions and transport decisions. (NYS CME: All Levels – Non-Core Additional)

1B ALS

Why It May Not Be the Panacea You Think

Reuben Farnsworth
President
RockStar Education and Consulting

For years, the theory on oxygen has been, “If a little is good, more is better.” New research is showing us that this may not be accurate. We will examine some of the latest science on oxygen administration and talk about the pathophysiology of oxygen toxicity and the ensuing effects on the body. We will discuss changes in the oxy-hemoglobin dissociation curve, how oxygen is utilized in the mitochondria and talk about the specifics that play into various types of hypoxia to better facilitate critical thinking in regards to treating patients with hypoxia. Hint: O₂ admin is not always the answer. (NYS CME: All Levels – Airway)

1C EDUCATOR

Measurement and Assessment: A Primer for EMS Instructors

Kenneth Navarro
Chief of Education
University of Texas Southwestern Medical Center

Through assessment, instructors collect and interpret information about student performance. With a high-quality assessment process, instructors can adjust teaching methods and materials based on identified gaps in student competency. Later, the process allows the instructor to identify students who have mastered the learning objectives of the course. For the assessment to be trustworthy, the process must be accurate, reliable, and valid. This session will provide a measurement and assessment foundation to help EMS instructors improve the quality of medical learning for their students. (NYS CME: All Levels – Non-Core)

1D CRITICAL CARE

Peripheral Vascular Trauma and Management

Glenn Burket, M.D.
Medical Director
Mesa County EMS

Peripheral vascular trauma is an important cause of morbidity and mortality in the traumatically injured patient, and because of other concurrent injuries to head and core, peripheral vascular injuries can be easily missed. Please join for a discussion on the anatomy, physiology, pathophysiology and management of this important traumatic injury. (NYS CME: All Levels – Critical Care/Trauma)

1E GENERAL

Most Important Articles and Research Impacting EMS Physicians

Presenter to Be Announced

Every EMS physician has articles they have read that influenced their practice and approach to prehospital care. Join Dr. Dailey as five of our EMS physicians share the research that has been most impactful to them. (NYS CME: All Levels – Non-Core Additional)

1F LEADERSHIP

Women in EMS Leadership

Maia Dorsett, M.D., Ph.D., FAEMS FACEP
Emergency Medicine and EMS Physician
Rochester Medical Center

Katie Koshak
Registered Flight Nurse
Mercy Flight Central

Lisset Ramdayal
Rescue Medic
Station 20- FDNY

Micki Guy
Chair, Mt. Lakes Regional EMS Council

Amy Eisenhauer, Moderator
Bureau of EMS and Trauma Systems
NYS Department of Health

What does it mean to be a woman in EMS today? While the number of women exploring roles in EMS continues to slowly increase, there are several women who have excelled in this largely male-dominated profession. How can they help us navigate the current EMS crises and share potentially unconventional perspectives on improving the profession? Join us to hear from a panel of New York State EMS leaders about the unique professional journeys, challenges, and opportunities for women in EMS.

Objectives:

1. Understand how career pathways differ between men and women in EMS
2. Recognize the need for unique perspectives on issues in EMS
3. Understand how diversity in sex, race, and ethnicity benefits patient care and experiences

(NYS CME: All Levels – Non-Core)

Conference Workshops

SATURDAY, OCTOBER 29

OPENING SESSION

9:30 a.m.

Presentation of State EMS Council Awards

New York State EMS Memorial Service

Opening Keynote Address: Your Best Self: Practicing Proactive Professionalism

Ray Barishansky
Former Deputy Secretary of Health
Pennsylvania Department of Health

What does it mean to be a “professional?” Do you consider yourself to be one? We consider people to be professionals based on their job, their accomplishments, or sometimes just in the way they present themselves. In the wildly diverse world of EMS, however, those parameters are not always clearly defined. Is a universal standard of professionalism possible in an industry that ranges from volunteer to career, rural to urban, municipal to the hospital? Even if such a standard exists, EMS is a 24/7 occupation. With social media, cell phones, and now drones capable of documenting our every move, how difficult is it to be a professional at all times? Should we be? Ray will draw on his more than 25 years in EMS and review the fundamentals of professionalism with an emphasis on working in the modern EMS environment. By offering practical advice based on real-world examples, he will give EMS providers, managers, and educators a renewed look at the need for professionalism in EMS and how to individually pursue it.

SESSION 2

2 p.m.–3 p.m.

2A BLS

Don't Know Nothin' Bout Birthing No Babies

Janet Taylor
Flight Nurse
Life Flight Eagle Air Transport

One of the most popular presentations of Janet's and receiving compliments from obstetricians and midwives alike, this presentation has it all. We will review a normal pregnancy state and go right into basic delivery techniques as well as complications in childbirth including breech delivery, turtle sign with shoulder dystocia, and post-partum complications. *Disclaimer* Lots of pictures are involved in this presentation including frank pictures of the female perineum with crowning. (NYS CME: All Levels – Obstetrics/Gynecology)

2B ALS

A New Problem in the Management of DKA: A Case-based Approach

Kenneth Navarro
Chief of Education
University of Texas Southwestern Medical Center

Diabetic ketoacidosis (DKA) is one of the most serious complications of diabetes and is often associated with significant hyperglycemia. Increasingly, patients with Type II diabetes are developing DKA, even in the absence of abnormally elevated glucose levels. What many of these patients have in common is the use of one group of medications recently approved by the FDA for the treatment of diabetes. This case-based presentation will review the associated pathophysiology of euglycemic DKA and discuss the management of patients suffering from this condition. (NYS CME: All Levels – Endocrinology)

2C EDUCATOR

Scaffolding and Student Awareness

Anna Ryan
EMT Course Coordinator
Hackensack Meridian Health –
Jersey Shore University Medical Center

We often use increasingly difficult scenarios as a tool to boost our student's confidence and competence. But student vulnerability classroom culture that relies on repeated failure makes a cautious technician, not a considerate clinician. This workshop focuses on the importance of managing students' progress through Bloom's Taxonomy while remaining responsive to each type of learner and the ever-present resistive learner. (NYS CME: All Levels – Non-Core)

Conference Workshops

SATURDAY, OCTOBER 29

SESSION 2 *continued*

2D PEDIATRIC

Preparing for PEDS: Building a Mindset That Fosters Technical and Cognitive Readiness

Dan Batsie

Chief of EMS

Vermont Department of Health

Critical pediatric patients are a high-stakes, low-frequency situations that most providers dread. Discomfort in these moments leads to stress and stress negatively impacts performance. There are, however, science-based practices to properly prepare and minimize fear and anxiety. This class will discuss how to develop a sharpened mindset ready for the critical pediatric situation. We will describe a year-long, integrated plan to shift pediatrics out of the world of the unusual and into a spaced repetition of routine training. We will discuss impactful learning strategies and use real-world, best practice training examples to guide your preparation. This class is open to all levels. *(NYS CME: All Levels – Pediatric)*

2E GENERAL

NYS Bureau of EMS Education Update

Bureau Staff

Come join the Education Staff for a lively discussion of the latest happenings in NYS EMS. Find out what is new and what is looming over the horizon. *(NYS CME: All Levels – Non-Core)*

2F LEADERSHIP

Conducting Investigations in an EMS Organization

Scott Moore

Owner

Moore EMS Consulting, LLC

This session will cover the basic elements of an organizational investigation for incidents or issues that typically arise at an EMS organization. Front-line supervisors often serve as the first member of management to receive notification of company or employee related incidents that require further investigation. Often the nature or seriousness of the incident or complaint necessitates immediate action on behalf of the organization. Unfortunately, many supervisors fail to act because they either do not understand the organizational obligation to investigate or they fail to conduct a sufficient investigation. This session will provide an overview of actions a supervisor should take from the initial complaint through reaching the investigation outcome, including how to document and draft an investigative report. Participants will gain valuable insight into how their handling of a complaint or investigation can likely avoid subsequent regulatory or civil action organizational liability and damages. *(NYS CME: All Levels – Non-Core)*

SESSION 3

3:15 p.m.–4:15 p.m.

3A BLS

Sick or Not Sick: The Need for a Rapid 60-90 Second Primary Examination

William McDonald

Senior Certified Instructor Coordinator

SIEMT

The purpose of this presentation is to discuss what the difference is between a “sick” and “not sick” or “not so sick” patient and how a quick 60-90 second examination can dictate your treatment, level of urgency, and improve patient care. All too often, I have seen EMS providers jump into the secondary exam without even realizing it. In these situations, providers are forgetting the basics like mental status, ABC’s and making an appropriate decision for transport and means of transport. We will discuss the importance of the initial exam, ABCs, and proper moving equipment and how these little things can affect patient outcomes. *(NYS CME: All Levels – Preparatory)*

Conference Workshops

SATURDAY, OCTOBER 29

SESSION 3 *continued*

3B ALS

Beta Cells, T-Cells and the Battle of the Bands

*Reuben Farnsworth
President*

RockStar Education and Consulting

We all have an immune system, at least most of us, but do we really understand how it works? Join Reuben for an overview of the immune system, parts, pieces and functions. We will also take a deep dive into vaccines; the different types, how they work, and the public health implications of vaccines and herd immunity. The best EMS clinicians understand pathophysiology at a deep level, join Reuben and take your clinical practice to the next level. *(NYS CME: All Levels – Immunology)*

3C EDUCATOR

Creating Valid Test Questions

John Corley

*Stakeholder Partnerships Program Manager
National Registry of EMTs*

Test questions and examination content are the basis of every valid examination. This session explores how the National Registry of Emergency Medical Technicians creates valid examination content. In addition, the session describes the importance of good test question development. Participants will learn how to use these same processes in their education programs to improve their assessment tools. *(NYS CME: All Levels – Non-Core)*

3D PEDIATRIC

Pediatric Trauma

*Melissa Padulsky
Owner*

Little Hearts Big World, LLC

Pediatric calls, fortunately, do not make up a large part of call volume. But when they do, we need to know how to manage the patient, the injury, and the parent. Our approach to pediatric patients is different, how we assess them is different, injuries can present differently, and we don't always have the appropriately sized equipment for their various sized bodies. This class will discuss some of the challenges with these patients and some tools on how make the best of a tough situation. *(NYS CME: All Levels – Pediatric)*

3E GENERAL

Difficult Conversations about Uncomfortable Topics

Scott Moore

Owner

Moore EMS Consulting, LLC

Coaching and mentoring employees can be one of the more rewarding and challenging aspects of supervising or managing others. These issues are compounded when the reason for the interaction involves a difficult or embarrassing employee issue. Because these issues are sensitive in nature, many supervisors or managers chose to postpone or avoid the topic altogether, causing the problem to persist and undermine the team's performance. Difficult issues include employee hygiene, inappropriate clothing, political or religious workplace discussions, and personality issues are among some of the more challenging employee conversations to tackle. This session is intended to provide attendees with practical tips about how to approach these challenging supervisory discussions. We will discuss steps that every supervisor can take long before these issues arise, the implications for putting off the difficult conversation, and strategic considerations regarding the time and place of the employee meeting to give it the best chance of being successful. Attendees will participate in a facilitated discussion and witness interactive demonstrations of how these discussions can go very well or very poorly. *(NYS CME: All Levels – Non-Core)*

3F LEADERSHIP

Harnessing Emotional Retention and Public Education

Ray Barishansky

*Former Deputy Secretary of Health
Pennsylvania Department of Health*

Every day, EMS leaders are confronted by situations where a true understanding of various emotions can spell the difference between success and failure. Being prepared intellectually isn't enough; you **MUST** understand the emotions boiling behind the scenes. Emotional intelligence – that is, the ability to understand not only your own emotions, but also the emotions of those around you – is integral to individual and professional success. Psychologists hypothesize that 90% of success is based on emotional intelligence (EQ), as opposed to your Intelligence Quotient (IQ). EQ plays a role in negotiations, decision making, communications and many other areas essential to effective leadership. Join Ray as he uses his extensive background in EMS – from working on the truck to the hallowed halls of State Government – and offers practical advice using real-world scenarios to develop your emotional intelligence and help you succeed in dealing with conflict in your organization. *(NYS CME: All Levels – Non-Core)*

Conference Workshops

SATURDAY, OCTOBER 29

SESSION 4

4:30 p.m.–5:30 p.m.

4A BLS

Pump Up the Volume: Ventricular Assist Device

Janet Taylor
Flight Nurse
Life Flight Eagle Air Transport

Ventricular Assist Devices are becoming more common with the increase in Heart Failure patients and not as many available heart transplants as are demanded. Ventricular Assist Devices (VADs) are giving heart failure patients a few options. We discuss Bridge to Transplant, Bridge to Destination, etc. as well as how to manage a patient with a VAD. Brands of VADs, which ones you are most likely to be working with, what the alarms and buttons on the controllers mean, how your assessment changes, etc. will be addressed as well as having a hands-on opportunity to see VAD controllers and batteries and access the commonly used VAD reference book created by Thoratec. (NYS CME: All Levels – Cardiac)

4B ALS

Strokes Hidden in Plain Sight

Katie Koshak
Registered Flight Nurse
Mercy Flight Central

As providers we work hard to make sure we can correctly identify a stroke in a timely fashion. But with almost approximately 10% of strokes being misdiagnosed nationwide in our emergency departments, it may be time to look hard at how we identify strokes and how we can improve the process. Everyone knows about the FAST scale, but what about the RACE scale? Or the NIHSS? The five D's of posterior strokes? Follow up question; how do we appropriately use these scales and assessments to help identify and treat strokes? Let's unravel some of the complexities of stroke identification and treatment by diving into the intricacies of our available assessments and current knowledge. (NYS CME: All Levels – Neurology)

4C EDUCATOR

Training the Thinking EMT

Anna Ryan
EMT Course Coordinator
Hackensack Meridian Health
Jersey Shore University Medical Center

The information age has changed the classroom forever. Instructional techniques like Flipped Classroom allow the instructor to focus on developing skills rather than reiterating information that can be found on YouTube. From hard skills to critical thinking the flipped classroom leverages the instructors experience, emphasizes student accountability, and creates true entry level competence. In this workshop we explore flipped classroom techniques for any EMS training program. (NYS CME: All Levels – Non-Core)

4D CRITICAL CARE

Technology-assisted Kids

Michael McEvoy
EMS Coordinator
Saratoga County

Increasingly, children who depend on medical devices for their survival are cared for at home. This session reviews EMS management of tracheostomy tubes, home vents, feeding tubes, cerebrospinal fluid shunts, nerve stimulators, central lines, and other devices likely to be encountered in the field. (NYS CME: All Levels – Special Health Care Needs)

4E GENERAL

Ask NYS Medical Directors

Michael Dailey, M.D.
Professor of Emergency Medicine
Albany Medical College

Tiffany Bombard, M.D.
Emergency Physician
Champlain Valley Physician's Hospital

Lauren Maloney, M.D.
Assistant Professor of Emergency Medicine
Stony Brook University Hospital

Maia Dorsett, M.D., Ph.D., FAEMS, FACEP
Emergency Medicine and EMS Physician
Rochester Medical Center

Chris Fullagar, M.D.
Assistant Professor
Upstate Medical University

EMS Protocols are constantly evolving. Join some of the medical directors to discuss where these come from, how they change and what changes may be coming next. (NYS CME: All Levels – Non-Core)

4F LEADERSHIP

Volunteer Recruitment, Retention and Public Education

Stu Rosenhaus
Adjunct Instructor
Brooklyn College

This program will discuss recruitment strategies and techniques for keeping your membership once you get them in. We'll discuss how to create a low-cost public education program and use it to strengthen your organization's image. Participants will have the opportunity to share their squad's best practices. (NYS CME: All Levels – Non-Core)

Conference Workshops

SUNDAY, OCTOBER 30

SESSION 5

8 a.m.–9 a.m.

5A BLS

Playing with Dolls: Out with START, In with RAMP

Nancy Magee

Consultant Educator

Managing Partner

MEDIC Training Solutions, LLC

“Triage” is derived from the French word, trier: “to sort.” Typically, prehospital education on disaster response is premised on catastrophic events involving large numbers of victims, and multi-agency response. But most MCIs are small scale, and in rural America, local first responders and volunteer firefighters are often first on scene, and often have difficulty with triaging a 3-car accident with multiple patients or a local weather event. In this fun and interactive class, Nancy will teach first responders how to use a simple, fast and accurate first-pass triage algorithm and simple tools to identify and sort victims (dolls) of a smaller-scale MCI prior to arrival of transporting units using an interactive tabletop exercise. Once they have been triaged, we will describe what happens next, and how to control the chaos as LEO, EMS, FD, and concerned citizens begin to arrive on scene. (NYS CME: All Levels – Operations)

5B ALS

He’s Alive: ROSC in the Field and Successful Elements of Post Cardiac Arrest Care

Rory Putnam

President-CEO/Owner

Atlantic Life Safety Services

Sometimes everything comes together, and you bring them back like Young Frankenstein! While this isn’t a horror movie it can become one as your ROSC patient stabilizes on scene. This class will tackle the importance of understanding post arrest pathophysiology and what we can do with good patient care techniques and procedures to recognize and treat the risks in the post arrest period of time as you prepare to transport. You got them back, now keep them here! We’ll help you realize that success with a detailed discussion of what needs to be done to make a difference for your patient. (NYS CME: All Levels – Shock and Resuscitation)

5C EDUCATOR

Educating Successful EMTs, Not Just Good Test Takers

Paul Ditrano

EMS Instructor

Nassau County EMS Academy

Most EMT students are beginning their careers as first responders and health care providers and come to their EMT class with minimal practical knowledge. Their initial success (and ours) is measured by their performance on the State Skills and Written Exams, but

the ultimate measure of their success will be their ability to be effective EMTs in the field. Instructors need to balance teaching to the test (academic skills) with teaching to succeed (practical skills). This presentation will attempt to challenge instructors to teach beyond the test to empower our students up to be the healthcare providers who will one day treat them and their families. (NYS CME: All Levels – Non-Core)

5D CRITICAL CARE

Mechanical Circulatory Support

Michael McEvoy

EMS Coordinator

Saratoga County

Life support equipment such as Left Ventricular Assist Devices (LVADs) and Total Artificial Hearts (TAHs) are increasingly used to support patients with end stage heart failure. This session reviews commonly encountered devices with an eye toward recognizing and troubleshooting equipment as well as physiological derangements often associated with long term use. (NYS CME: All Levels – Cardiology)

5E GENERAL

Taking Care of Our Own: Psychological and Resiliency

Chad Burkhart, NRP, Paramedic, CIC

EMS providers spend their days caring for others and the constant stress and trauma can take its toll. In this talk, we will explore ways to build resiliency and decompress after difficult calls and stressors that demand our constant attention. The health and well-being of the provider are key to ensuring longevity in EMS. We will learn how to care for ourselves and our colleagues, identifying signs of caregiver stress and ways to deal with those stressors. (NYS CME: All Levels – Mandatory Mental Health of the EMT)

5F LEADERSHIP

Don’t Hate the Player, Hate the Game

Aidan O’Loendorf

Director of Business, Northeast Region

Air Methods

Life Net of NY

Many people have a negative perspective of lobbying, but whether you love it or hate it, lobbying is an essential function of promoting change in the legislative process. We will discuss how advocacy, lobbying, and all-around government engagement can help positively impact your EMS organization, EMS in your state, and EMS across the country! (NYS CME: All Levels – Non-Core)

Conference Workshops

SUNDAY, OCTOBER 30

CLOSING SESSION

9:30 a.m.

Presentation of EMS Agency Innovation Awards

Closing Keynote Address: Taking the Path Less Traveled: Advancing in EMS

Lauren Maloney, M.D.
Assistant Professor of Emergency Medicine
Stony Brook University Hospital

Meghan Williams MA, NRP, FP-CIC, NCEE
Paramedic Program Director
Borough of Manhattan Community College

Erika Schaub, MEdSc., MA, CIC, EMT-CC
Assistant Director
Emergency Management Office - Hofstra University

Whether you've been in EMS for one year or one decade, you may wonder, where can I go from here? And better yet, how do I get there? This keynote will highlight the different directions EMS clinicians can take when pondering what exists beyond working on an ambulance. Join three women in EMS as they share their stories from their start as EMTs and what motivated them to travel down three different paths: EMS educator, emergency manager, and EMS physician. Tangible bits of advice and insights gained throughout their journeys will be shared.

SESSION 6

1 p.m.–2 p.m.

6A BLS

All Jacked Up

Brendan Heggie
Firemedic
Rocky Mountain Fire

"All Jacked Up" will hit home with almost all of the audience. This not just an educational talk about the effects of energy drinks on our patients. This is also a talk about how it affects YOU! First Responders chronically use energy drinks to power through their shifts, but what is the consequence? Are there any benefits? Let's find out as we go through the physiologic effects of the drinks/supplements and how to mitigate them appropriately. (NYS CME: All Levels – Toxicology)

6B ALS

Toxicology Emergencies and Emerging Drug Trends

Vincent Calleo, M.D.
Assistant Professor
SUNY Upstate Medical Center

Daniel Tirado, M.D.
PGY-2 Emergency Medicine Resident
SUNY Upstate Medical Center

This one-hour lecture/discussion will consist of two parts. The first 30 minutes will serve as an overview and review of toxicologic emergencies and recognition of toxidromes to aid in clinical diagnosis and treatment of an undifferentiated patient. The second 30 minutes will be devoted to emerging drug trends. During this time, we will review and discuss upcoming trends in

substances of misuse, their clinical effects, and different treatment modalities to better care for those using these substances. (NYS CME: All Levels – Toxicology)

6C EDUCATOR

Mindfulness in Medical Education and Patient Care

Melodie Kolmetz
Assistant Chief of Clinical Care
Town of Livonia Ambulance District #1

Mindfulness is a useful way of cultivating self-kindness and compassion, including by bringing increased awareness to and acceptance of those things that are beyond our control. As health care providers, we are driven in our work with the purpose that we should be caring for others, yet often we view caring for ourselves as selfish in some way. If we don't engage in self-care and are continually working ourselves to the limit, perhaps suffering from burnout, it is unlikely that we will have ample energy to help others in the ways we would like. This presentation will demonstrate the benefits of mindfulness. We will participate in two simple mindfulness techniques that you can incorporate into your own wellness practice and utilize in helping your patients. (NYS CME: All Levels – Non-Core)

6D PEDIATRIC

Pediatric Field Resuscitation

Matthew Harris, M.D.
Medical Director
Northwell Health Crises Management
Incident and Response Team

Termination of resuscitation has evolved to be an important tool for EMS providers in the management of adult cardiac arrests. It is a patient centered tool that identifies patients unlikely to benefit from resuscitation and transport, therefore reducing futile resuscitations and maintaining resources for EMS systems. There is a growing body of evidence supporting the use of field termination protocols in pediatric medical and traumatic cardiac arrests. In this program we will present the current evidence, critically evaluate current practice, discuss key facets and stakeholders in a successful program, and the unique challenges associated with pediatric termination protocols. (NYS CME: All Levels – Pediatric)

6E GENERAL

Honoring Patient Wishes: MOLST Forms and Their Interpretation

Maia Dorsett, M.D., Ph.D., FAEMS, FACEP
Emergency Medicine and EMS Physician
Rochester Medical Center

The Medical Orders for Life Sustaining Treatment (MOLST) form contains medical orders that EMS must honor in critically ill and frail patients. In order to honor patient wishes at the end of life, it is essential that EMS clinicians 1) identify when a patient may have a MOLST, 2) are able to rapidly interpret the MOLST form in a wide variety of clinical situations. This presentation will review the components of the MOLST form and their interpretation and discuss its implications for clinical care using a series of clinical scenarios. (NYS CME: All Levels – Preparatory)

Conference Workshops

SUNDAY, OCTOBER 30

SESSION 6 *continued*

6F LEADERSHIP

Quality Improvement for Dummies

James Dlutowski

Founder

Steel Confluence Public Safety Solutions

Quality Assurance and Improvement is not easy to implement, especially if your EMS agency culture is unfamiliar with QA/QI. There are some common pitfalls when trying to start a QA/QI program or trying to enhance said programs. In this session, we discuss building a foundation for quality improvement while fostering buy-in from the staff. (NYS CME: All Levels – Non-Core)

SESSION 7

2:15 p.m.–3:15 p.m.

7A BLS

Granny Fell Down and Gramps Can't Poop: Understanding the Special Needs of Geriatric Patients

Nancy Magee

Consultant Educator

Managing Partner

MEDIC Training Solutions, LLC

Sick and injured elderly people is by far the largest cohort served by Emergency Medical Service providers of all levels. Their challenges can be simple, or very complicated, and quality pre-hospital care and patient advocacy can make a significant difference in both the continuum of care and their overall quality of life once the initial emergency has passed. In this session we will discuss common conditions associated with the aging process, and how men and women may present differently. We will consider hearing loss and dementia affecting communication, difficulty with mobility, medication complications, abuse and neglect issues. End of life decisions, palliative care, interaction with hospice, DNRS, and the role of EMS advocacy for this vulnerable population will also be covered. (NYS CME: All Levels – Geriatrics)

7B ALS

Medications Affecting the Autonomic Nervous System

Chad Burkhart, NRP, Paramedic, CIC

Catecholamines and beta-antagonists and cholinergic, oh my! Many of the medications that we administer to our patients affect the autonomic nervous system. We will look at how the ANS works and how the medications that we deliver to our patients have effects to change homeostatic processes for their benefit. A solid understanding of the anatomy and physiology of the ANS and how it relates to the physiologic response to disease processes will help us to better understand the drugs that we administer. (NYS CME: All Levels – Neurology)

7C EDUCATOR

Reinventing Recertifications: An Update on the National Registry Continued Initiative

Mark Terry

Chief Certification Officer

National Registry of EMTs

The National Registry began an initiative to explore new ways to verify continued competency in 2019 with the aim of developing an agenda for the future of recertification. New ways to verify continued competency could revolutionize the ways in which we renew certification, licensure and local credentials. Mark will summarize the research and accomplishments of the continued competency initiative. (NYS CME: All Levels – Non-Core)

7D CRITICAL CARE

It's All Right: The Right Ventricle Infarct and 15 Lead EKGs

Rory Putnam

President-CEO/Owner

Atlantic Life Safety Services

The patient has chest pain, shortness of breath, is pale, cool and diaphoretic, but you don't see ST elevations. It looks like an MI, sounds like an MI. Why doesn't it show up like one? This course will tackle the Right Ventricular Infarct including pathophysiology of it, EKG presentations, the RVI triad of symptoms and how you can sharpen some more tools in your assessment and treatment toolbox adding 15 and 18 lead EKG to become a better MI clinician. (NYS CME: All Levels – Cardiology)

7E GENERAL

Is Our EMS System in Need of Rescue?

Ryan Greenberg, Director

New York State Department of Health

Bureau of EMS and Trauma Systems

Michael Benenati

EMS Administrator

Lagrange Fire District

We hear around the county that EMS is in need of assistance, that the system of the past may not be the system of the future. This has been so much of a concern that the NY State EMS Council created the EMS Sustainability working group to focus on what works and what opportunities there are to improve as a EMS system. This session will talk about what the future of EMS may look like if we are to ensure a reliable and sustainable EMS system. (NYS CME: All Levels – Non-Core)

7F LEADERSHIP

Becoming a Leader You Would Want to Follow

Melodie Kolmetz

Assistant Chief of Clinical Care

Town of Livonia Ambulance District #1

A leader is one who inspires, motivates, and leads people to accomplish organizational goals. EMS leaders are often moved into leadership roles without training or leadership development opportunities. The presentation will define the various types of leadership and help participants identify the leadership styles they identify with and respond to. (NYS CME: All Levels – Non-Core)

Conference Workshops

SUNDAY, OCTOBER 30

SESSION 8

3:30 p.m.–4:30 p.m.

8A BLS

Them Bones

Brendan Heggie

Firemedic

Rocky Mountain Fire

“Them Bones” is about just that. Orthopedic emergencies are very common and obviously becoming more common with our aging population. From broken hips to a fractured skull, we will be discussing basic assessment and treatment for patients with those broken bones to include pain management. *(NYS CME: All Levels – Trauma)*

8B ALS

A Patient by Any Other Name:

Rethinking Your Approach to the “Lift Assist”

Maia Dorsett, M.D., Ph.D., FAEMS, FACEP

Emergency Medicine and EMS Physician

Rochester Medical Center

While few enter the field of EMS with the goal of taking care of geriatric fallers, this population makes up a substantial proportion of EMS calls. As EMS providers find themselves spending time on low acuity calls, many do not look forward to being dispatched to a lift assist because they are often “not sick.” However, these patients require some of the very best clinical assessment skills and decision making to determine whether patients are safe to leave at home. This talk will review an approach to assessment of the geriatric fall patient and hopefully inspire you to recognize the tremendous amount of good EMS can do for this vulnerable patient population. *(NYS CME: All Levels – Geriatric)*

8C EDUCATOR

Scaling the Walls of Education

James Dlutowski

Founder

Steel Confluence Public Safety Solutions

This program focuses on building educators from the ground up and offering a creative toolkit for agencies with a limited budget. This session will focus on the individual educator, education leaders and agency training divisions. We will discuss and practice everything from conflict resolution to lesson planning to designing simulation and using live actors. Come join us to be a better educator today! *(NYS CME: All Levels – Non-Core)*

8D PEDIATRIC

It’s Not Supposed to Be This Way

Sara Gruver

Paramedic

Erway Ambulance Service

According to the CDC, 17.4% of children, or 1 in 6, have a diagnosed mental health, behavioral or developmental disorder. EMS responders are increasingly called to scenes where a child is in a psychiatric crisis and needs to be transported to the emergency room for evaluation. This session will describe typical psychiatric etiology found in pediatrics as well as tips for managing the scene and treating the patient and their family. *(NYS CME: All Levels – Pediatric)*

8E GENERAL

New York State Department of Health Bureau of EMS Operations Update

Bureau of EMS Staff

This course will allow new leaders of EMS organization to understand the structure and framework of the rules and regulations that govern New York State Department of Health (NYSDOH) EMS operations. The course will explain the difference between Statutes, Regulations and Policy Statements and how they each build on one another. The course will discuss the structure of NYSDOH EMS from a regulatory view including how EMS Providers, EMS Agencies, REMSCOs, REMACs, SEMSCO, SEMAC, The Bureau of EMS and the Commissioner of Health all integrate to form the NYSDOH EMS System. A review of EMS agency Part 800 Requirements/EMS Agency Inspections and a review of the Certificate of Need, Expansion of Territory, Primary Operating Authority, and Transfer of Ownership. Regional EMS agencies will have the opportunity for Questions and Answers during this session. *(NYS CME: All Levels – Operations)*

8F LEADERSHIP

Data and Deployment

Peter Brodie

Deputy Chief, Data and Informatics

NYS Department of Health

Bureau of Emergency Medical Services

Deputy Chief Brodie is going to be presenting on the deployment of your data with examples from EMS agencies in New York. Come and learn how others do it and see how you can use Data to Drive Decisions at your EMS Agency. *(NYS CME: All Levels – Non-Core)*

Conference Announcements

RECEPTION

Friday, October 28
5 p.m.–7 p.m.

Visit with old friends, view the exhibits, and talk to other EMS providers from around the state. Join us at the Friday evening reception in the Exhibit Hall. Free with conference registration.

VACCINE MANDATE

A vaccine mandate is in effect for this year's conference. Please make sure you have proof of vaccination when you pick up your registration materials.

BADGES

All conference registrants will receive a name badge. Badges must always be worn to attend sessions or special events.

BREAKS

Beverage breaks will be situated near the Exhibit Hall of the Empire State Plaza. Please check the schedule for specific break times.

BUSES

Shuttle buses will NOT be provided to and from the hotels.

CONTINUING EDUCATION

Participants may receive hour for hour continuing education credit for each session attended.

HOTELS

It is important to make your hotel reservations as soon as possible. All reservations require a credit/debit card to complete the booking process. Upon completion of your reservation, you will receive an email acknowledging that you have successfully booked your reservation. Hotel confirmations will be sent by e-mail. Review your confirmation for accuracy. Please visit www.vitalsignsconference.com to book your hotel room.

NYS CME-BASED RECERTIFICATION PROGRAM

All CME hours for this year's conference have been authorized and approved by a CIC for use in the NYS CME Program and most of the hours can be used towards core content. The specific content areas are listed at the end of each session description in the brochure. Attendees must retain a copy of the brochure along with their CME certification.

PARKING

There is a parking garage underneath the Empire State Plaza. The parking fee is \$10 per day. Park in the P1 Visitors Lot.

REFUNDS AND CANCELLATIONS

If you are unable to attend and wish a refund, a written notice of cancellation must be sent to NYSDOH, Bureau of EMS, Vital Signs Conference 2022, 875 Central Avenue, Albany, NY 12206, postmarked on or before October 5, 2022. A 25% cancellation fee must be charged. No refunds will be granted after October 5, 2022.

NYSDOH, Bureau of EMS reserves the right to substitute speakers and/or topics if circumstances require it.

NYSDOH, Bureau of EMS or Health Research Inc., will not provide refunds to participants whose behavior causes the Empire State Plaza or NYSDOH to ask that they leave the conference.

If necessary, NYSDOH, Bureau of EMS reserves the right to cancel the conference. If the conference is cancelled, registration fees will be refunded.

REGISTRATION

All registrations need to be completed online. We have credit card and electronic check transfer options available. Please visit www.vitalsignsconference.com to complete your registration process.

Upon receipt of your conference registration, a receipt will be emailed to you. At registration, you will need to show identification and vaccine cards to receive your conference materials.

Directions

Empire State Plaza Convention Center Albany, New York

FROM THE NORTH

Take I-87 South (Northway) to I-90 East (Exit 1E). Take I-90 East to I-787 South (Exit 6A). Take 787 South to Exit 3A for the Empire State Plaza.

FROM THE SOUTH

Take I-87 North (NYS Thruway) to Exit 23. Follow signs for I-787 North toward downtown Albany. Take Exit 3 for the Empire State Plaza.

FROM THE EAST

Take I-90 West to Exit B1. Continue on I-90 West toward I-787 South. Take I-787 South to Exit 3A for the Empire State Plaza.

FROM THE WEST

Take I-90 East (NYS Thruway) to Exit 24 for Albany. Continue on I-90 East to I-787 South (Exit 6A). Take I-787 South to Exit 3A for the Empire State Plaza.

GET TO THE VISITOR LOT (V-LOT)

From I-787: The Empire State Plaza Exit ramp leads directly to the underground Visitor's Parking Lot on the right as you drive beneath the Plaza.

Hotel Information

The Albany Renaissance Hotel 144 State Street Albany, NY 12207

- Restaurant
- Fitness Center
- Room Service
- Daily Housekeeping
- On-Site Parking for nominal fee

Hampton Inn – Downtown 25 Chapel Street Albany, NY 12210

- Free Hot Breakfast
- Free WiFi
- On-Site Restaurant
- Fitness Center

Albany Marriott – Wolf Road 189 Wolf Road Albany, NY 12205

- Indoor Pool
- Restaurant
- Complimentary Parking
- Fitness Center
- Room Service

The Crowne Plaza – Desmond 660 Albany Shaker Road Albany, NY 12211

- Parking
- Pool
- Fitness Center
- Restaurant
- Free WiFi

Four Point by Sheraton 3 Mount Hope Way Albany, NY 12202

- Fitness Center
- Restaurant
- Indoor Pool
- Parking

Course Selection Worksheet

Please use this worksheet page to help you in the online registration process. Visit vitalsignsconference.com to complete your registration.

| | | | |
|----------------------|--|----------------|-----------------|
| Last Name | | First Name | |
| Address | | | |
| City | | State/Province | Zip/Postal Code |
| E-mail | | | |
| Certification Number | | Phone Number | |

CONFERENCE REGISTRATION

| In Person | Virtual | |
|--------------------------------|--------------------------------|---|
| <input type="checkbox"/> \$245 | <input type="checkbox"/> \$129 | Event Registration (until October 1) |
| <input type="checkbox"/> \$275 | <input type="checkbox"/> \$129 | Event Registration (October 2–October 15) |
| <input type="checkbox"/> \$300 | | Onsite Event Registration |
| <input type="checkbox"/> \$150 | <input type="checkbox"/> \$50 | Saturday Only (October 29) |
| <input type="checkbox"/> \$150 | <input type="checkbox"/> \$50 | Sunday Only (October 30) |

PRECONFERENCE FEES

(Please mark your first, second, and third choices.
All efforts will be made to accommodate your first choice.)

| In Person | Virtual | |
|--------------------------------|--------------------------------|--|
| <input type="checkbox"/> \$425 | N/A | NAEMSE Instructor Course 1 (Three Day Preconference ONLY, no virtual) |
| <input type="checkbox"/> \$550 | N/A | NAEMSE Instructor Course 1 (Conference on Saturday and Sunday, no virtual) |
| <input type="checkbox"/> \$225 | <input type="checkbox"/> \$100 | BLS Core Content Refresher (Two-day Preconference) |
| <input type="checkbox"/> \$225 | <input type="checkbox"/> \$100 | ALS Core Content Refresher (Two-day Preconference) |
| <input type="checkbox"/> \$225 | <input type="checkbox"/> \$100 | Rockstar Critical Care Refresher (Two-day Preconference) |
| <input type="checkbox"/> \$225 | <input type="checkbox"/> \$100 | NYS EMS Supervisor's Class: Skills for a Front Line Leader (Two-day Preconference) |
| <input type="checkbox"/> \$75 | | Pediatric Airway and Ventilation 2.0: More Than What You Learned in Class (Half-day Preconference) |
| <input type="checkbox"/> \$ 50 | <input type="checkbox"/> \$ 25 | Certified Instructor Update (Session A) (Half-day Preconference) |
| <input type="checkbox"/> \$ 50 | <input type="checkbox"/> \$ 25 | Certified Instructor Update (Session B) (Half-day Preconference) |
| <input type="checkbox"/> \$125 | <input type="checkbox"/> \$ 50 | NY NAEMSP Future of EMS: Looking at Yesterday, Today and Tomorrow (One-day Preconference) |

FRIDAY SESSION WORKSHOPS

Situational Awareness and PPE in EMS 1 p.m.–2 p.m.
 Are You Prepared for PEDS? 2:30 p.m.–3:30 p.m.
 I Didn't Sign Up for This: A Look at Pandemic Related PTSD in Frontline Healthcare Workers 4 p.m.–5 p.m.

CONFERENCE WORKSHOPS

(Please mark your first, second, and third choices.
All efforts will be made to accommodate your first choice.)

SESSION 1 Saturday, October 29, 8 a.m.–9 a.m.

| | |
|---|---|
| <input type="checkbox"/> 1A BLS | Poor Prognostic Indicators: BLS Patient Assessment |
| <input type="checkbox"/> 1B ALS | Why It May Not Be the Panacea You Think |
| <input type="checkbox"/> 1C Educator | Measurement and Assessment: A Primer for EMS Instructors |
| <input type="checkbox"/> 1D Critical Care | Peripheral Vascular Trauma and Management |
| <input type="checkbox"/> 1E General | Most Important Articles and Research Impacting EMS Physicians |
| <input type="checkbox"/> 1F Leadership | Women in EMS Leadership |

SESSION 2 Saturday, October 29, 2 p.m.–3 p.m.

| | |
|--------------------------------------|---|
| <input type="checkbox"/> 2A BLS | Don't Know Nothin' Bout Birthing No Babies |
| <input type="checkbox"/> 2B ALS | A New Problem in the Management of DKA: A Case-based Approach |
| <input type="checkbox"/> 2C Educator | Scaffolding and Student Advancement |

| | |
|--|---|
| <input type="checkbox"/> 2D Pediatric | Preparing for PEDS: Building a Mindset that Fosters Technical and Cognitive Readiness |
| <input type="checkbox"/> 2E General | NYS Bureau of Education Update |
| <input type="checkbox"/> 2F Leadership | Conducting Investigations in an EMS Organization |

SESSION 3 Saturday, October 29, 3:15 p.m.–4:15 p.m.

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| <input type="checkbox"/> 3A BLS | Sick or Not Sick: The Need for a Rapid 60-90 Second Primary Exam |
| <input type="checkbox"/> 3B ALS | Beta Cells, T-Cells and The Battle of the Bands |
| <input type="checkbox"/> 3C Educator | Creating Valid Test Questions |
| <input type="checkbox"/> 3D Pediatric | Pediatric Trauma |
| <input type="checkbox"/> 3E General | Difficult Conversations about Uncomfortable Topics |
| <input type="checkbox"/> 3F Leadership | Harnessing Emotional Intelligence for Leadership Success |

SESSION 4 Saturday, October 29, 4:30 p.m.–5:30 p.m.

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|---|---|
| <input type="checkbox"/> 4A BLS | Pump Up the Volume |
| <input type="checkbox"/> 4B ALS | Strokes Hidden in Plain Sight |
| <input type="checkbox"/> 4C Educator | Training the Thinking EMT |
| <input type="checkbox"/> 4D Critical Care | Technology-assisted Kids |
| <input type="checkbox"/> 4E General | Ask NYS Medical Directors |
| <input type="checkbox"/> 4F Leadership | Volunteer Recruitment, Retention and Public Education |

SESSION 5 Sunday, October 30, 8 a.m.–9 a.m.

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|---|--|
| <input type="checkbox"/> 5A BLS | Playing with Dolls: Out with START, In with RAMP |
| <input type="checkbox"/> 5B ALS | He's Alive: ROSC in the Field and Successful Elements of Post Cardiac Arrest |
| <input type="checkbox"/> 5C Educator | Educating Successful EMTs, Not Just Good Test Takers |
| <input type="checkbox"/> 5D Critical Care | Mechanical Circulatory Support |
| <input type="checkbox"/> 5E General | Taking Care of Our Own: Psychological and Resiliency |
| <input type="checkbox"/> 5F Leadership | Don't Hate the Player, Hate the Game |

SESSION 6 Sunday, October 30, 1 p.m.–2 p.m.

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| <input type="checkbox"/> 6A BLS | All Jacked Up |
| <input type="checkbox"/> 6B ALS | Toxicologic Emergencies and Emerging Drug Trends |
| <input type="checkbox"/> 6C Educator | Mindfulness in Medical Education and Patient Care |
| <input type="checkbox"/> 6D Pediatric | Pediatric Field Resuscitation |
| <input type="checkbox"/> 6E General | Honoring Patient Wishes: MOLST Forms and Their Interpretations |
| <input type="checkbox"/> 6F Leadership | Quality Improvement for Dummies |

SESSION 7 Sunday, October 30, 2:15 p.m.–3:15 p.m.

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|---|---|
| <input type="checkbox"/> 7A BLS | Granny Fell Down and Gramps Can't Poop: Understanding the Special Needs of Geriatric Patients |
| <input type="checkbox"/> 7B ALS | Medications Affecting the Autonomic Nervous System |
| <input type="checkbox"/> 7C Educator | Reinventing Recertification: An Update on the National Registry Continued Initiative |
| <input type="checkbox"/> 7D Critical Care | It's All Right: The Right Ventricular Infarct and 15 Lead EKGs |
| <input type="checkbox"/> 7E General | Is Our EMS System In Need of Rescue? |
| <input type="checkbox"/> 7F Leadership | Becoming a Leader You Would Want to Follow |

SESSION 8 Sunday, October 30, 3:30 p.m.–4:30 p.m.

| | |
|--|----------------------------------|
| <input type="checkbox"/> 8A BLS | Them Bones |
| <input type="checkbox"/> 8B ALS | A Patient by Any Other Name |
| <input type="checkbox"/> 8C Educator | Scaling the Wall of Educator |
| <input type="checkbox"/> 8D Pediatric | It's Not Supposed to Be This Way |
| <input type="checkbox"/> 8E General | NYS Operations Update |
| <input type="checkbox"/> 8F Leadership | Data and Deployment |



Vital Signs EMS Conference

A Program of the New York State Department of Health

October 26-30, 2022
Empire State Plaza Convention Center
Albany, New York

