



Vital Signs 2018 EMS Conference

October 11-14, 2018
Oncenter, Syracuse, NY
vitalsignsconference.com
(518) 402-0996

Vital Signs 2018

Conference Program

WEDNESDAY, OCTOBER 10

- 7:30am–8am** Preconference Registration
- 8am–5pm** Preconference Programs

THURSDAY, OCTOBER 11

- 7:30am–8am** Preconference Registration
- 8am–5pm** Preconference Programs

FRIDAY, OCTOBER 12

- 7am–8am** Preconference Registration
- 8am–5pm** Preconference Programs
- 5:30pm–6:30pm** EMS County Coordinators Meeting
- 5pm–7pm** Registration Open
- 5pm–7pm** Reception and Exhibits Open

SATURDAY, OCTOBER 13

- 7:30am** Registration Opens
- 8am–8:30am** Welcome: Opening Ceremonies
NYS EMS Awards Presentation
- 8:30am–9:45am** Opening Session:
Decisive, Disciplined and Under Fire:
A First Responder's Experiences
from the Las Vegas Route 91 Harvest
Festival Mass Shooting
- 9:30am** Exhibit Area Opens
- 9:45am–10:30am** **Break**
- 10:30am–12pm** **SESSION 1**
 - 1A BLS** First In to the Big One:
MCI the First Five Minutes
 - 1B ALS** Non-Arrhythmic Complications of MI
 - 1C EDUCATOR** Transitioning Our Students
from BLS to ALS
 - 1D OPERATIONS** Violence Against EMS Providers:
Planning and Preparing
 - 1E GENERAL** Utilizing 'Tactics' on Every Call,
Every Day
- 12pm–1:30pm** **Lunch** (On Your Own)
- 1:30pm–3pm** **SESSION 2**
 - 2A BLS** Into the Wild: Environmental
Emergencies Case Studies
 - 2B ALS** Pediatric Trauma: Pearls for the
Prehospital Provider
 - 2C EDUCATOR** Courageous Leadership:
Telling Truth to Power
 - 2D OPERATIONS** Special Even Medical Standby
Services: Professional/
Pre-Planned/Profitable
 - 2E GENERAL** Five Ways to Save Your Volunteer
EMS Organization
- 3pm–4pm** **Break**

SATURDAY, OCTOBER 13 (continued)

- 4pm** Exhibit Area Closes
- 4pm–5:30pm** **SESSION 3**
 - 3A BLS** Geriatric EMS Case Studies
 - 3B ALS** Airway Management:
Purposeful Movement
 - 3C EDUCATOR** Flipped: Fab or Fad?
 - 3D OPERATIONS** Las Vegas EMS
 - 3E GENERAL** Pit Crew: High Performance
Resuscitation

SUNDAY, OCTOBER 14

- 7:30am** Registration Opens
- 8:30am–10am** **SESSION 4**
 - 4A CLINICAL** Just a Gut Feeling: Abdominal
Emergencies in EMS
 - 4B CLINICAL** Looking Past the Trauma
 - 4C GENERAL** I'll Sleep When I'm Dead:
Sleep Loss and Fatigue in EMS
 - 4D OPERATIONS** EMS Operations: What's New
in NYS EMS Operations?
 - 4E GENERAL** Bedrooms, Bathtubs, and
Broomsticks: Things They Didn't
Warn Me About in Paramedic School
- 9:30am** Exhibit Area Opens
- 9:45am–10:15am** **Break**
- 10:15am** National and New York State
EMS Memorial Service
- 10:30am–12pm** Closing Session:
Excellence in EMS
- 12pm–1:30pm** **Lunch** (On Your Own)
- 1:30pm** Exhibit Area Closes
- 1:30pm–3pm** **SESSION 5**
 - 5A CLINICAL** Complications After Naloxone Use
 - 5B ALS** The Malfunctioning Pump:
Dialysis Emergencies
 - 5C EDUCATOR** NYS Bureau of EMS Education
Update
 - 5D CLINICAL** Hospice Care in EMS: Things You
Never Knew You Would Have to Do
 - 5E GENERAL** Navigating the Labyrinth: EMS
Response to Hoarding Situations
- 3:15pm–4:45pm** **SESSION 6**
 - 6A CLINICAL** Why No Patient is Ever Just Drunk
 - 6B CLINICAL** Beyond the Cincinnati Stroke Scale
 - 6C OPERATOR** Things Just Got Real: Violent
Encounters and Team Safety
 - 6D GENERAL** Using Social Media to Advance
Your EMS Career

Two-Day Preconference Workshop

THURSDAY, OCTOBER 11 and FRIDAY, OCTOBER 12

PRECONFERENCE 1

ALS Core Content Refresher

8am–5pm

Paul Werfel, MS, NREMT-P

Jon Politis, MS, NREMT-P

This two-day workshop will provide 16 hours of ALS Training that an AEMT, critical care or paramedic may apply towards the “Core” Refresher Training of their NYS CME-Based Recertification Program. These 16 hours may also be applied towards the Mandatory Core Content required by the NREMT, meeting the objectives of the DOT Advanced Refresher.

For those who attended Vital Signs 2016 and 2017, this workshop will build upon the material presented then. For others, this offers an opportunity to “get started” in meeting the Core requirements, or to “add on to” Core training obtained elsewhere. This workshop will be a well-rounded review, covering only in part several Core topic subjects. 2018 alone will not meet all the required core requirements, but attending both this year and next year will meet all your requirements for core content.

Subject areas to be covered:

AEMT Hours	CC Hours	Paramedic Hours	Topic Area
2	2	2	Preparatory
2	–	–	Pharmacology
2	2	2	Airway Management and Ventilation
3	3	3	Trauma
2	–	–	Patient Assessment
4	–	–	Medical
–	–	2	Pulmonary and Cardiology
–	2	–	Respiratory and Cardiac Emergencies
–	–	1	Neuro/Endocrine/Anaphylaxis
–	1	–	Allergic Reactions and Poisoning
–	2	–	Neurological & Abdominal Emergencies
–	1	–	Environmental/Behavioral/Gynecological
–	–	1	Gastro/Renal/Urology/Toxic/Hematology
–	1	–	Obstetrics
–	–	1	Gynecology and Obstetrics
–	1	–	Pediatrics*
–	–	1	Neonatology and Pediatrics
–	–	1	Abuse & Assault
–	–	1	Environmental Conditions/Infectious and Communicable Diseases/Behavioral
1	1	1	Operations
16	16	16	Total Hours

*Pediatric content also covered in other Paramedic Medical sections.

PRECONFERENCE 2

BLS Core Content Refresher

8am–5pm

Dan Batsie, BA, NREMT-P

Dan Limmer, NREMT-P

This two-day workshop will provide 16 hours of BLS core content that an EMT or AEMT may apply towards their NYS CME-Based Recertification. This workshop will be a well-rounded review, covering core content topics. Attending this course for 2 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.

For those who attended Vital Signs in 2017, this workshop will complete your BLS core content requirements. For others, 2018 offers an opportunity to “get started” in meeting your core requirements, or to “add on to” core training you have obtained elsewhere. 2018 alone will not meet all the required core requirements, but attending both this year and next year will meet all your requirements for core content.

Subject areas to be covered:

1	Preparatory
1	Airway
2	Patient Assessment
1	Pharmacology/Medication Administration/ Emergency Medications
1	Immunology/Toxicology
1	Endocrine/Neurology
2	Abdominal/Geni-Renal/GI/Hematology
1	Shock and Resuscitation
2	Trauma
2	Geriatrics
1	Special Needs Patients
1	Additional Elective
16	Total Hours

Two-Day Preconference Workshops

THURSDAY, OCTOBER 11 and FRIDAY, OCTOBER 12

PRECONFERENCE 3

NAEMSE Instructor Level II Course

8am–5pm

Joseph Grafft
Daniel Carlascio

NAEMSE is proud to present the Level II Instructor Course. This course is representative of the 2002 National Guidelines for EMS Educators and will provide educators and program directors with the tools and information needed to further build their leadership skills and better evaluate programs, students, and faculty. While Level I of the NAEMSE instructor course is ideal for the beginning educator, Level II is geared more towards the experienced instructor. The Level II course represents the next step in the formalized education process.

Topics covered include:

- Mentoring
- Student Centered Learning
- Lesson Plans
- Program Evaluation
- Social Intelligence
- Research
- Presentation Technologies
- Leadership
- Administrative Issues

Class limit is 60. (NYS CME: Educator and/or Additional – 20 hours)

PRICING

Two-day NAEMSE Instructor Level Course II Only **\$325**

Two-day NAEMSE Instructor Level Course II
(If also attending the main Saturday
and Sunday conference sessions) **\$275**

PRECONFERENCE 4

Developing and Managing the EMS Field Training and Evaluation Program

8am–5pm

Skip Kirkwood, MS, JD, NRP, FACPE

Many EMS agencies continue to struggle with how to “on-board” new field employees. Vital Signs, in cooperation with the National EMS Management Association, is proud to present “Developing and Managing the EMS Field Training and Evaluation Program,” part one of NEMSMA’s “EMS Field Training and Evaluation Program,” at this year’s conference.

Designed for senior leadership and training staff from EMS agencies of all sorts, the program has been in use by EMS agencies around the USA for over 20 years. It is a staple in many highly-regarded EMS systems around the country.

The course begins with identifying “the void” that exists between “what the new medic learned in school,” and “what is needed for that medic to succeed in the field in OUR agency.” Participants will learn how to fill that void, in a manner that is effective, efficient, and legally defensible in today’s litigious environment, with an emphasis on “why” a structured, standards-based program is necessary. Participants will leave with enough information to decide whether EMS-FTEP is the right fit for their agency, and what steps are necessary to fully implement the program.

The course will be conducted at the Crowne Plaza, 701 East Genesee Street, Syracuse, NY 13210 in the Skaneateles Room. Continental breakfast, coffee breaks, and lunch will be served on both days! Free parking available. No transportation provided.

This course will be presented by Skip Kirkwood, MS, JD, NRP, FACPE, past president of NEMSMA and the National Chair of the EMS-FTEP program. Class limit is 40. (NYS CME: All Levels – Non-core)

Half-Day Preconference Workshops

FRIDAY, OCTOBER 12

PRECONFERENCE 5

SALAD: Managing Contaminated Airways

8am–12pm

*Jess Boyle, BS, NRP, FP-C, CCP-C
and the SALAD Consortium Faculty*

This half-day preconference will address new and innovative approaches to difficult airway management in the out-of-hospital setting, focused on suction assisted laryngoscopy and airway decontamination. Learners will develop confidence in the managing of grossly contaminated airways, including different approaches to basic ventilatory assistance and advanced airway management. The use of large bore suction catheters will be discussed, in addition to the use of sterile in-line suctioning. The use of the bougie (endotracheal tube introducer) and its benefits in the challenging airway will be covered in detail, including innovative bougie techniques optimized for the prehospital environment. Various approaches to direct and video laryngoscopy will be reviewed, with the opportunity for advanced skills development. If you're thinking about getting lunch, make sure you order the SALAD! Class limit is 24. (NYS CME: All Levels – Airway and Respiratory)

PRECONFERENCE 6

SALAD: Managing Contaminated Airways

1pm–5pm

*Jess Boyle, BS, NRP, FP-C, CCP-C
and the SALAD Consortium Faculty*

This half-day preconference will address new and innovative approaches to difficult airway management in the out-of-hospital setting, focused on suction assisted laryngoscopy and airway decontamination. Learners will develop confidence in the managing of grossly contaminated airways, including different approaches to basic ventilatory assistance and advanced airway management. The use of large bore suction catheters will be discussed, in addition to the use of sterile in-line suctioning. The use of the bougie

(endotracheal tube introducer) and its benefits in the challenging airway will be covered in detail, including innovative bougie techniques optimized for the prehospital environment. Various approaches to direct and video laryngoscopy will be reviewed, with the opportunity for advanced skills development. If you're thinking about getting lunch, make sure you order the SALAD! Class limit is 24. (NYS CME: All Levels – Airway and Respiratory)

PRECONFERENCE 7

Cath-Lab and Specialty Cardiac Cases

1pm–5pm

Crouse Staff

Crouse Hospital has been providing high-quality interventional and diagnostic heart care services for patients of all ages for decades. This preconference session will highlight some of the most advanced cardiac care and new treatments that will help you improve your treatment of cardiac patients.

There will be 2 tours provided. A tour of Crouse's new emergency department and of their state of the art adult and pediatric cardiac catheterization facility. Crouse's renowned pediatric cardiac catheterization program provides care for the area's smallest patients, while their rapid "door to balloon" times – among the lowest in New York State – is saving lives of heart attack patients of all ages.

After the tours, you will return to the classroom where physicians will present interactive case studies that will highlight some phenomenal cardiac patients. See what happens to patients once EMS leaves the hospital. Learn how advances in cardiac care are improving patient outcomes, such as patients with AFib and the new Watchman implant and much more!

The class will be held in the Marley Building located at 765 Irving Avenue, Second Floor, Syracuse NY 13210. Parking is located directly across from Crouse Hospital. No transportation provided. Class limit of 30.

Conference Workshops

SATURDAY, OCTOBER 13

WELCOME

8am–8:30am

Welcome: Opening Ceremonies NYS EMS Awards Presentation

OPENING SESSION

8:30am–9:45am

Decisive, Disciplined and Under Fire: A First Responder's Experiences from the Las Vegas Route 91 Harvest Festival Mass Shooting

Glen Simpson, BS, AEMT

When first responders arrive for work every day, especially EMTs and paramedics, there is an expectation that very ill or injured people will call for their help, their care, medical treatments and transport to a hospital. What they don't expect is to see hundreds of very injured or dying people all at once. This presentation offers sound counsel for mass gathering crowd safety and medic safety when hundreds are wounded or killed within minutes as experienced during the Las Vegas shooting. Glen Simpson, AEMT and special event director at Community Ambulance in Las Vegas, will share his story, on-scene experiences and his lessons learned about being decisive, direct and disciplined in putting the practice of ICS in motion when even he was personally under fire. *(NYS CME: All Levels – Operations)*

WORKSHOP SESSION 1

10:30am–12pm

1A BLS

First In to the Big One: MCI the First Five Minutes

Jon Politis, MS, NREMT-P

The actions of the first arriving unit set the tone and lays the ground work for what will happen in the next hour. Are you ready? Do you know what those critical actions are? This is a powerful session on learning to effectively manage serious calls: establishing command, size-up, arrival reports, triage, requesting and using resources. It's critical operational information that most of us in EMS have had to learn the hard way. This session can help replace years of trial and error and make EMS operations run more smoothly. *(NYS CME: All Levels – Operations)*

1B ALS

Non-Arrhythmic Complications of MI

Paul Werfel

We are all aware that an acute myocardial infarction is the result of a dynamic process where a coronary artery is blocked by thrombus formation. We know that patients die as a direct result of the MI. But what about the patient that "recovers" from the MI but dies soon after?

Are there non-ischemic and non-arrhythmic complications that can have fatal consequences to patients in the recovery period? You bet! Join author Paul Werfel as he discusses these complications in a stimulating and interactive program that will discuss the causes, incidence, demographics, signs and symptoms and prehospital treatment of 6 different types of cardiac patients. *(NYS CME: All Levels – Cardiology)*

1C EDUCATOR

Transitioning Our Students from BLS to ALS

Daniel Limmer

It is a common complaint from educators: "I have to retrain my AEMT and paramedic students to be EMTs all over again." This presentation addresses the education voids between the levels and how to align them. This session will begin by looking at the scope and intent of current EMT training with concrete suggestions how to turn our EMTs not only into better future ALS providers but better clinical practitioners today. *(NYS CME: All Levels – Non-core)*

1D OPERATIONS

Violence Against EMS Providers: Planning and Preparing

Skip Kirkwood, MS, JD, NRP, CEMSCO, FACPE

Once a violent incident occurs in your service, it is too late to develop and plan an effective response. EMS leaders, particularly chief officers, need to have a plan ready to go before the bad event occurs. Every agency needs policies, checklists, and training for supervisors as well as field staff. And chiefs need to have established pre-occurrence relationships with other involved leaders – district attorneys, police chiefs, sheriffs and others. Our goal should be that a violent act against an EMT or paramedic is treated exactly like a violent act against a law enforcement officer or assistant district attorney! *(NYS CME: All Levels – Preparatory)*

Conference Workshops

SATURDAY, OCTOBER 13

1E GENERAL

Utilizing 'Tactics' on Every Call, Every Day

Glen Simpson, BS, AEMT

The first day of EMT school instilled a few significant principles including 'scene safety.' We have been taught as healthcare providers to ensure scene safety from the moment we receive the call to the moments in which care is transferred. But what happens when your environment changes and care must be rendered? Tactical emergency casualty care courses are available to first responders, and while the word 'tactical' in common use implies law enforcement operations, every first responder utilizes 'tactics.' Together we will discuss 'tactical' and its reference to the operational decisions that need to be made during a response. Discussion to include caring for patients while in a civilian tactical environment based on NAEMT's TECC course. (NYS CME: All Levels – Preparatory)

WORKSHOP SESSION 2

1:30pm–3pm

2A BLS

Into the Wild: Environmental Emergencies Case Studies

Jon Politis, MS, NREMT-P

The environment can be very cruel and a killer of the unaware and unprepared. Some of our EMS training has also served to perpetuate myths that may work against timely recognition, assessment and treatment. Using actual wilderness case studies, the prevention and treatment of hyperthermia, hypothermia, drowning and lightning injury will be covered. Using interesting case studies, this session will challenge what you thought you knew about responding to and treating some of these seldom seen emergencies. (NYS CME: All Levels – Environmental/Trauma)

2B ALS

Pediatric Trauma: Pearls for the Prehospital Provider

Paul Werfel

Prehospital personnel can think of few things as challenging as serious pediatric trauma. With shootings and child abuse reaching epidemic proportions, it is essential that EMTs and paramedics be familiar with this essential information. This interactive presentation will focus on the scope, prehospital assessment, and treatment of these, our smallest citizens. (NYS CME: All Levels – Pediatrics and Trauma)

2C EDUCATOR

Courageous Leadership: Telling Truth to Power

Skip Kirkwood, MS, JD, NRP, CEMSCO, FACPE

In order to remain effective, EMS leaders have to survive. But to *be* effective, EMS leaders have to tell the truth to those in power – who may not *want* to hear the truth. An EMS chief caught between “keeping their job” and “doing the right thing” is in a very difficult place. Positioning, establishing transparency with the boss, establishing an information flow, and earning the trust of the boss will be discussed – as well as the development of effective exit strategies. (NYS CME: All Levels – Non-core)

2D OPERATIONS

Special Event Medical Standby Services: Professional/Pre-Planned/Profitable

Glen Simpson, BS, AEMT

Almost every EMS agency or private company offers special event medical standby services. For many, these are scheduled as complimentary charitable offerings in the communities they serve. For others, Special Event Medical Standby Services are stand-alone divisions at a company or agency representing a separate book of profitable business. Together we will explore and evaluate the potential for offering special event medical standbys as a separate and important part of an EMS agency. Discussion to include guidelines for marketing and then pre-planning event standby services that consider crowd safety and patient care contingency. (NYS CME: All Levels – Preparatory)

2E GENERAL

5 Ways to Save Your Volunteer EMS Organization

Daniel Limmer

Can volunteerism in EMS survive? It is a question frequently asked in EMS magazines and at national conferences. New York has a high percentage of volunteer organizations with high quality, dedicated individuals. This presentation focuses on optimizing volunteer organizations to match the needs of both the organization and the people served. Designed to address challenging realities with a practical and hopeful approach, this presentation is for leaders and members of volunteer organizations who want to continue and excel for many years to come. (NYS CME: All Levels – Non-core)

Conference Workshops

SATURDAY, OCTOBER 13

WORKSHOP SESSION 3

4pm–5:30pm

3A BLS

Geriatric EMS Case Studies

Paul Werfel

Do you find dealing with elderly patients challenging? Most of us do. With American society “graying” at record levels, the EMS needs of the elderly will continue to increase. In 1983, 26 million Americans were over the age of 65. That number has now exceeded 40 million! As professionals, we need to be as proficient as possible with this material in order to treat this growing segment of the population effectively and with respect. Join JEMS Case of the Month author Paul Werfel as we cover case studies that highlight topics essential for prehospital practitioners. (NYS CME: All Levels – Geriatrics)

3B ALS

Airway Management: Purposeful Movement

Jennifer Noce

There will be a review of airway anatomy and physiology, how to relate the importance of the airway structures to the integral portions of management. How to predict a difficult airway, assessing for the difficult airway and mitigating the factors that present to you. Preoxygenation and passive oxygenation will be discussed along with its pivotal importance to the RSI process. Management will be reviewed from BLS to ALS, the use of RSI, the why behind RSI, the prep and positioning for RSI along with the critical thinking process to implement its use. Induction, sedation and paralytics will be reviewed along with post intubation sedation. (NYS CME: All Levels – Airway and Respiratory)

You are **strongly** encouraged to indicate the workshop of your choice prior to the conference. We cannot guarantee admission to a session without pre-registering.

3C EDUCATOR

Flipped: Fab or Fad?

Daniel Limmer

Most agree that there are better ways to educate students than lecture and PowerPoints. The concept of the “flipped” classroom is certainly the buzzword of the year in education – but will it survive the long haul? This presentation goes beyond the basics of the flipped experience to look at research and practices in primary and higher education with an eye toward what really works and how we can utilize dynamic AND proven methods in the EMS classroom. (NYS CME: Preparatory – Non-core)

3D OPERATIONS

Las Vegas EMS

Glen Simpson

Each year hundreds of special events are held in Clark County attracting millions of locals and visitors. Some event promoters request or require emergency medical coverage to be present during the event. The health districts Office of Emergency Medical Services and Trauma System (OEMSTS) regulates the permitting and licensure of emergency medical services in Clark County. This presentation will discuss EMS Regulations and how it has made events safer in Southern Nevada. (NYS CME: All Levels – Operations)

3E GENERAL

Pit Crew: High Performance Resuscitation

Jon Politis, MS, NREMT-P

Since the 2005 AHA guidelines were released, we’ve learned that the basics are more important than ever and high performance CPR makes a big difference in outcomes. High performance CPR really works! But... it’s deceptively complicated to perform if everyone that’s responding isn’t working from the same game plan. BLS “owns” the resuscitation and ALS responders can compromise the proven therapies. This session will emphasize “operationalizing” the proven science in your service. Simply being certified in BCLS/ACLS isn’t enough. It takes the assigned roles, emphasis on the basics and practicing to achieve “pit crew” proficiency. (NYS CME: All Levels – Shock and Resuscitation)

Conference Workshops

SUNDAY, OCTOBER 14

WORKSHOP SESSION 4

8:30am-10am

4A CLINICAL

Just a Gut Feeling: Abdominal Emergencies in EMS

Paul Werfel

The assessment and evaluation of abdominal emergencies remains a daunting task for all medical professionals, including prehospital practitioners. In this presentation, we will examine the following abdominal emergencies with the objective of organizing our evaluation skills and giving correct treatment of several different diagnoses. (NYS CME: All Levels – Abdominal, GI and Renal)

4B CLINICAL

Looking Past the Trauma

Lauren Maloney

Was the fall mechanical or due to dizziness? Is the chest pain from the steering wheel or an impending heart attack? Did the patient become unresponsive before or after the motor vehicle collision? Join Dr. Maloney as she presents cases of patients who sustained traumatic injuries in the setting of medical emergencies, with pearls that help us remember that medical patients can have traumatic injuries, and vice versa. (NYS CME: All Levels – Patient Assessment)

4C GENERAL

I'll Sleep When I'm Dead: Sleep Loss and Fatigue in EMS

Amy Eisenhauer

Fatigue and poor sleep hygiene are so commonplace in EMS that we accept it as the norm. Increased public awareness of fatigue-related accidents, medical errors, and first responder mental health, challenges providers and leaders to examine the priority of sleep in their lives and agencies. Amy will discuss the importance of quality and quantity of sleep, related physical and mental comorbidities of poor sleep hygiene, and tools for providers to improve their sleep methods and environment. (NYS CME: All Levels – Non-core)

4D OPERATIONS

EMS Operations: What's New in NYS EMS Operations?

Daniel Clayton

Ryan P. Greenberg

Come meet with BEMS staff and discover what or who is new, what has changed and what is going to be changed.

The past year has brought many transitions including a new bureau director, so come learn about operating certificates, operating territories, controlled substances, ambulance transfusion services and other operational topics. Some of the best practices found during Director Greenberg's "listening tour" around the state will be shared and you will have the opportunity to share your "one wish" with the director and ask questions to the bureau staff. (NYS CME: All Levels – EMS Operations)

4E GENERAL

Bedrooms, Bathtubs, and Broomsticks: Things They Didn't Warn Me About In Paramedic School

Reuben Farnsworth

The Field... the very term invokes visions of a mythical realm where student sojourn after school. Paramedic school prepares you for many things, but it seems they may have left out a few as well. We will talk about all the things you never knew you would do, from reattaching colostomy bags, to the 400-pound patient wedged between the toilet and the bathtub in a single wide trailer. This humorous and informative presentation delves into the topics they don't cover in school. The good news is.... you're still in EMS and you wouldn't want it any other way. It's not a job, it's an adventure. (NYS CME: All Levels – Non-core)

Conference Workshops

SUNDAY, OCTOBER 14

WELCOME

10:15am–10:30am

National and New York State EMS Memorial Service

CLOSING SESSION

10:30am–12pm

Excellence in EMS

Reuben Farnsworth

Are you settling for less than your best? No more. We will talk about the importance of exceptional medicine and why it matters. We will talk about how in-depth assessments and the constant pursuit of excellence can elevate us as providers. What you do is important and this presentation will remind you why. Come by and reach your potential, why be an ordinary medic when you can be a rock star medic!?! (NYS CME: All Levels – Non-core)

WORKSHOP SESSION 5

1:30pm–3pm

5A CLINICAL

Complications After Naloxone Use

Lauren Maloney

As the result of the current opioid epidemic, community members and prehospital providers are frequently administering naloxone, or Narcan, in the setting of suspected opiate overdoses. Join Dr. Maloney as she discusses the toxicology of opiates, and the pharmacology of its antidote, naloxone. Additionally, she will describe the expected effects of successful opiate reversal, as well some of the most common serious adverse effects that need to be watched for. Finally, she will provide pearls on how to safely monitor and reassess patients who have received naloxone. (NYS CME: All Levels – Pharmacology and Toxicology)

5B ALS

The Malfunctioning Pump: Dialysis Emergencies

Emily Rowles

Being called to the local dialysis center is a regular occurrence for most EMS providers, but are we truly equipped to treat dialysis emergencies? This presentation will review the pathophysiology of renal failure, dialysis emergencies ranging

from bleeding fistulas to renal failure patients in cardiac arrest, as well as appropriate transport decisions. It will also provide insight into the in-hospital treatment of renal failure patients. Although all levels of care are welcome, this session will be geared towards the advanced life support providers. (NYS CME: All Levels – Renal)

5C EDUCATOR

NYS Bureau of EMS Education Update

Andrew Johnson BS, EMT-P, CIC, EMPP

EMS education changes in ebbs and flows over time. Sometimes it seems like the changes occur overnight and sometimes it seems it takes years. How is EMS doing in the world of education? Are we getting enough? Too much? Is there a happy medium? Are you getting what you need? Are you getting what you and your patients deserve? Join the Bureau of EMS education staff as we discuss some of the changes that have occurred and will be occurring. This is also *your* chance to shine and give us all some of your best practices. (NYS CME: All Levels – Non-core)

5D CLINICAL

Hospice Care in EMS: Things You Never Knew You Would Have to Do

Reuben Farnsworth

“Medic 41 please respond to 911 Emergency Way for a 54-year-old female with terminal breast cancer and agonal breathing.” When you arrive the patient’s husband tells you that he thinks his wife is dying and she has a DNR. What do you do now, why are you even here? In this course, we will talk about the complicated social dynamic that can exist with hospice patients as well as how to handle these often-difficult encounters. (NYS CME: All Levels – Special Populations)

5E GENERAL

Navigating the Labyrinth: EMS Response to Hoarding Situations

Amy Eisenhauer

Reality television has popularized hoarding disorder, but what happens before the “Got Junk” people show up? This session will discuss the hoarding disorder, its associated features, and possible co-morbid diseases. Situational awareness and provider safety is of particular concern during these responses: planning and interaction with other agencies will be addressed as well. (NYS CME: All Levels – Preparatory)

Conference Workshops

SUNDAY, OCTOBER 14

WORKSHOP SESSION 6

3:15pm–4:45pm

6A CLINICAL

Why No Patient is Ever Just Drunk

Lauren Maloney

You arrive on scene to find a patient who is confused, slurring his speech, and smells of alcohol. While this could be a case of alcohol intoxication, the astute provider must also be aware of life threatening conditions that mimic alcohol intoxication. In this session, Dr. Maloney will review the clinical picture of both alcohol intoxication and withdrawal, and use several case studies of what can happen when a patient with an altered mental status is assumed to “just be drunk.” (NYS CME: All Levels – Patient Assessment and Toxicology)

6B CLINICAL

Beyond the Cincinnati Stroke Scale

Alex Foley

On average, someone in the United States has a stroke every 40 seconds. How is it possible that with 800,000 stroke patients per year that our stroke call volume is so low? Could it be that some patients may still be having a stroke even though their pre-hospital stroke screen is negative? Could it be that we are missing stroke symptoms? During this presentation we will discuss how to assess for anterior and posterior strokes, how to differentiate between an ischemic stroke and a hemorrhagic stroke, appropriate destination choices, in hospital treatment of the stroke patient, as well as neuro case review of patients transported to the ED by EMS. This presentation has been created to accommodate all levels of care. (NYS CME: All Levels – Neurological)

6C OPERATIONS

Things Just Got Real: Violent Encounters and Team Safety

Reuben Farnsworth

We teach providers to ensure scene safety and we pound it into their heads. Sometimes, despite the most carefully laid plans, and thoughtful preparation, things just go bad. What begins as a simple medical call can quickly reach critical danger. Sometimes, the situation changes so rapidly we don't have the chance to extricate ourselves. Join us for case studies and discussion on how to deal with these encounters, as well as solutions you can implement at your agency to improve provider safety. (NYS CME: Preparatory – All Levels)

6D GENERAL

Using Social Media to Advance Your EMS Career

Amy Eisenhauer

The issue isn't *if* EMS providers should use social media, but how well they wield it. This session will detail how to use social media for positive provider promotion, career advancement, and networking with other EMS professionals. Amy will discuss foundational concepts, traditional and creative approaches to content creation and curation, and methods of deployment. (NYS CME: All Levels – Preparatory)

You are **strongly** encouraged to indicate the workshop of your choice prior to the conference. We cannot guarantee admission to a session without pre-registering.

Track A – BLS

Track D – Operations

Track B – ALS

Track E – General

Track C – Educator

Conference Information

NETWORKING RECEPTION

Friday, October 12

5pm–7pm

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. There will be a \$10 fee for those not registered with the conference.

BADGES

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

BREAKS AND LUNCHES

Beverage breaks will be situated near the Exhibit Hall of the Convention Center. Please check the schedule for specific break times. Syracuse has several restaurants within walking distance or a short drive from the Oncenter. However, for those who prefer not to visit local eateries, the Oncenter concession stands will be selling breakfast snacks in the early morning and light lunches for your convenience.

CONTINUING EDUCATION

Participants may receive hour for hour continuing education credit for each session attended. Post tests will be available online and must be submitted to New York State Department of Health – Bureau of Emergency Medical Services for processing. Within six weeks after submitting your post test, you will receive your certificate documenting your continuing education hours.

NYS CME-BASED RECERTIFICATION PROGRAM

All CME hours for this year's conference have been authenticated and approved by a CIC for use in the NYS CME Program and the majority 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 certificate. These must be provided to your EMS agency and placed in your NYS CME Program file. Additional information may be available on our web site at www.vitalsignsconference.com.

PARKING

There is a parking garage adjacent to the Oncenter at a variable rate. Please be aware that parking fees in other lots or garages in the area may be more costly.

BUSES

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

EXHIBITS

Included in the price of registration is access to the exhibit hall. **You must wear your name badge to enter the exhibit hall.** Please check the conference brochure for exhibit hours. Neither the NYSDOH, Bureau of EMS or Health Research, Inc. accepts responsibility in attendee dealings with exhibitors.

REFUNDS/CANCELLATIONS

If you are unable to attend and wish a refund, a written notice of cancellation must be sent to the NYSDOH Bureau of EMS

postmarked on or before September 21, 2018. A 25% cancellation fee must be charged. No refunds will be granted after September 21, 2018.

The NYSDOH Bureau of EMS reserves the right to substitute speakers and/or topics if circumstances require it. The NYSDOH Bureau of EMS or Health Research, Inc. will not provide refunds to participants whose behavior causes the Convention Center or NYSDOH to ask that they leave the conference.

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

REGISTRATION

If not registering online, a check or money order made payable to **Health Research, Inc., EMS Conference** for the total amount due must accompany either the online summary page or the completed registration form. We are unable to accept purchase orders or vouchers.

Upon receipt of your conference registration, a receipt will be e-mailed to you. To receive your conference materials please present your receipt at the registration desk.

You will need to show identification to receive your packet.

MEET WITH THE CHAIRPERSON OF THE STATE EMERGENCY MEDICAL SERVICES COUNCIL (SEMSCO)

The SEMSCO is an advisory body that provides expertise and input on EMS issues to the NYS Commissioner of Health. It is made up of representatives from EMS communities from across New York State. Join the SEMSCO Chair Patty Bashaw, Bureau of EMS Director Ryan Greenberg and other EMS leaders for an open dialogue about current issues in EMS. Bring your lunch and bring your ideas on the challenges and opportunities we have as EMS providers. Saturday, October 13, 12:30pm–1:30pm

"STOP THE BLEED" FREE SESSION

Vital Signs in conjunction with Upstate University Hospital are excited to offer this session free of charge to Vital Signs attendees and to specific invitees from the community as a public service to give back to the community and help improve patient outcomes.

Stop the Bleed is a national awareness campaign and call-to-action. Stop the Bleed is intended to cultivate grassroots efforts that encourage bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives.

No matter how rapid the arrival of professional emergency responders, bystanders will always be first on the scene. A person who is bleeding can die from blood loss within five minutes, therefore it is important to quickly stop the blood loss. Those nearest to someone with life-threatening injuries are best positioned to provide first care. Friday, October 12 from 6pm–7:30pm



Conference Registration Form

Use a separate form for each person. Photocopy additional registration forms if needed. PLEASE PRINT CLEARLY. All fields must be completed.

Registration form fields: Last Name, First Name, Organization, Title, EMT Number, National Registry Number, Address, City, State/Province, Zip/Postal Code, Day Phone, Ext., E-mail, Level (CFR, EMT, EMT-I, EMT-CC, EMT-P).

CONFERENCE REGISTRATION

- Registration options: \$195, \$250, \$150 (Saturday Only), \$150 (Sunday Only), \$299 (On-site), FREE (Subscription to EMS Magazine), and a checkbox for exhibitor mailings.

PRECONFERENCE WORKSHOPS

- Preconference workshops 1-7 with topics like ALS Core Content Refresher, BLS Core Content Refresher, NAEMSE Instructor Course II, and SALAD: Managing Contaminated Airways.

CONFERENCE WORKSHOPS

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

- Workshop sessions 1-6 with topics like First In to the Big One, Pediatric Trauma, Geriatric EMS Case Studies, and Why No Patient is Ever Just Drunk.

A check for the total amount or a completed credit card order form must be enclosed with this registration form. PLEASE MAKE CHECKS PAYABLE TO: Health Research, Inc., EMS Conference. WE ARE UNABLE TO ACCEPT PURCHASE ORDERS, VOUCHERS OR CASH. NO REGISTRATIONS WILL BE TAKEN OVER THE PHONE. MAIL COMPLETED REGISTRATION TO: Vital Signs 2018, NYSDOH Bureau of Emergency Medical Services, 875 Central Avenue, Albany, NY 12206. Upon acceptance of your conference registration form, a receipt will be e-mailed to you. YOU MUST present your receipt when picking up your conference packet at the registration desk.



Credit Card Order Form

- No registrations will be accepted over the phone.
- Health Research, Inc. will appear as the transaction on your credit card statement.

Name That Appears On Card _____

Address 1 _____

Address 2 _____

City _____ State/Province _____ Zip/Postal Code _____

Day Phone (_____) _____ Evening Phone (_____) _____

Name of Individual Placing Order _____

I authorize Health Research, Inc. to charge my credit card for the services as described.

Signature of Cardholder **X** _____

Credit Card Type Visa MasterCard American Express Discover

Credit Card Number - - -

Expiration Date ____ / ____ Amount Charged \$ _____

Please note that all credit cards must be valid through the dates of the event.

FOR HRI USE ONLY

Transaction Processed (Circle One) Approved Declined

Amount Charged \$ _____ Settlement Date _____

Visit us at vitalsignsconference.com

Directions

FROM THE NYS THRUWAY (I-90)

Take Exit 36, Route 81 South to Syracuse. Take Harrison Street Exit 18, go right onto Harrison, go two blocks. Turn left on State Street, turn left into The Oncenter parking garage.

FROM THE NORTH

Route 81 South to Harrison Street Exit 18. Turn right onto Harrison, go two blocks. Turn left on State Street, turn left into The Oncenter parking garage.

FROM THE SOUTH

Route 81 North to Adams/Harrison Street Exit 18. Go straight one block, turn left onto Harrison, go two blocks. Turn left onto State Street, turn left into The Oncenter parking garage.

FROM THE EAST AND WEST

From 690 East or West, Take the West Street exit. Follow West Street to the 5th light. Turn left on Shonnard Street which turns into East Adams. Follow East Adams to the 7th light. Turn left onto South State Street, turn right into The Oncenter parking garage.

Hotel Information

DOWNTOWN

CROWNE PLAZA SYRACUSE: HQ HOTEL **\$137**

In the heart of downtown Syracuse, this beautiful Crowne Plaza Syracuse hotel's location is in the gateway to Syracuse University and nearby Le Moyne College, with convenient access to highways I-81 and I-90, as well as many of the area's top businesses and attractions. Guests at the Crowne Plaza hotel in Syracuse will enjoy sensational service, sophisticated rooms and imaginative dining at Redfield's Restaurant.

MARRIOTT SYRACUSE DOWNTOWN **\$159**

Discover Syracuse, NY from the finest historic hotel in the city, elegantly restored to reflect the grandeur of the former Hotel Syracuse. Each of our lavish guest rooms and suites are furnished with exquisite Stickley pieces and arranged with comfort in mind. While staying with us, you can choose from a variety of dining options whether it's fine cuisine or a stop at a pub. Located in the heart of downtown Syracuse, we are conveniently near the Oncenter and Armory Square.

PARKVIEW HOTEL **\$147**

Everyone wants to be in the thick of things, but appreciates personal space. Our rooms are the largest in the downtown area, which means you can spread out, relax, and breathe deeply. The Parkview Hotel is ready to meet your varied travel needs.

GENESSEE GRANDE HOTEL **\$147**

Walk under the towering white pillars and step into the lobby. Breathe deeply. Relax your shoulders. Take in the warm lighting, the rippling of the koi pond, the smell of freshly-cut flowers. This is the Genessee Grande Hotel. Setting a distinct standard among hotels in Syracuse, NY.

SHERATON SYRACUSE UNIVERSITY HOTEL & CONFERENCE CENTER **\$159**

Located on the scenic campus of Syracuse University, the Sheraton will keep you close and connected to the best of Central New York. We are convenient to the university

facilities including the Carrier Dome as well as three major hospitals. The Oncenter Convention Center and the business and cultural districts of Syracuse are also easy to reach.

NORTH AREA HOTELS

MAPLEWOOD SUITES EXTENDED STAY **\$149**

The Maplewood Suites Extended Stay is the perfect choice for your Syracuse visit. Whether its leisure or corporate travel that brings you to the area, this hotel's accommodations provide the resources you need to be comfortable, stay productive and leave refreshed. A standout in Syracuse, New York, this hotel has perks like an indoor pool, on-premise dining, spa, fitness and business centers, and free internet access is provided.

EAST AREA HOTELS

DOUBLETREE BY HILTON HOTEL SYRACUSE **\$132**

Situated amid a corporate park just off the New York Thruway, the Doubletree Hotel Syracuse offers superb accommodations in a serene and suburban setting – just minutes away from downtown Syracuse.

EMBASSY SUITES SYRACUSE **\$149**

Embassy Suites Syracuse is centrally located off the NY State Thruway at Exit 35, just minutes from area attractions. Enjoy a private bedroom with one king size or two double beds, and a separate living room area with a sofa bed and well-lit dining work table. Each day, receive a complimentary cooked to order breakfast and our nightly manager's reception.

HOMWOOD SUITES CARRIER CIRCLE **\$149**

This modern, all-suite hotel offers the perfect home away from home, ideal for short business trips or extended stays in Syracuse, NY. We are conveniently situated off NYS Thruway I-90, in the campus-like setting of the Pioneer Business Park, providing easy access to all that the local area has to offer, including Syracuse Hancock International Airport just a short seven miles away.

Housing Registration Instructions

ROOM RESERVATION INSTRUCTIONS: PLEASE READ CAREFULLY

GENERAL INFORMATION

Visit Syracuse will be managing the housing for the 2018 Vital Signs Conference. Please do not contact the hotels directly. Failure to reserve your rooms through Visit Syracuse may result in higher room rates, removal from the block, or may keep you from receiving the necessary convention materials and information. The official cutoff date for a discounted room rate is September 19, although some hotels' cutoff dates occur before .

PAYMENT INFORMATION

A credit card valid through your dates of stay is required to make a reservation. Use of a debit card or credit card may result in funds being placed on hold by your hotel before your stay.

Tax Exempt: Hotel guests are responsible for furnishing a completed tax exempt certificate directly to their assigned hotel two weeks prior to arrival. The name on the payment credit card and the company on the completed tax exempt form must match. The use of personal cards with an organization named on the tax exempt certificate will not be accepted.

SUBMITTING YOUR RESERVATION

To make your hotel reservation for the 2018 Conference, please visit the Vital Signs website at www.vitalsignsconference.com and scroll down to the hotel link. Once you complete the online process, you will receive an

acknowledgement e-mail that your reservation request has been received. Once your reservation has been processed by the hotel, you will receive a second e-mail with your hotel confirmation number. Please retain this confirmation e-mail for your records.

ROOM CANCELLATIONS AND CHANGES

Before 9/19: All changes and cancellations must be made through the REQUEST FOR CHANGE section in your confirmation e-mail. If disabled, you may call your hotel directly.

After 9/19: Please call your assigned hotel directly for changes and cancellations. All reservations are subject to the cancellation policies of each individual hotel.

HOUSING CONTACT INFORMATION

Should you have any questions or concerns regarding housing and the room reservation process, please contact Christie Bravos or Kelly Fitzpatrick in the Visit Syracuse Services Department at (315) 470-1910 from 8:30am through 5:00pm EST, Monday through Friday (office closed on weekends and on all major holidays).

For detailed information, visit us at
vitalsignsconference.com
and register today!



Save the Date!
Buffalo, NY
OCTOBER 24-27, 2019



Vital Signs 2019
EMS Conference

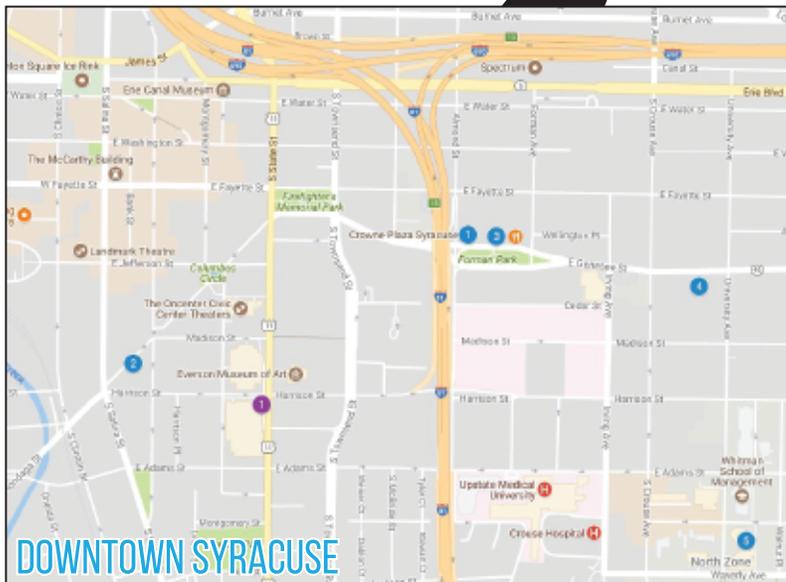
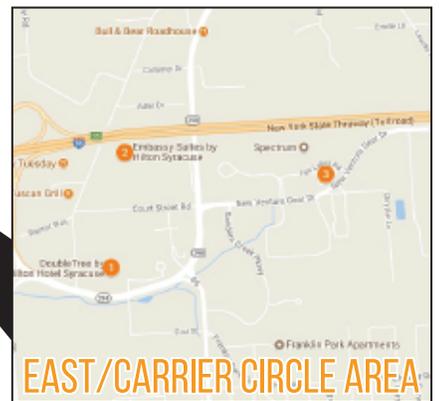
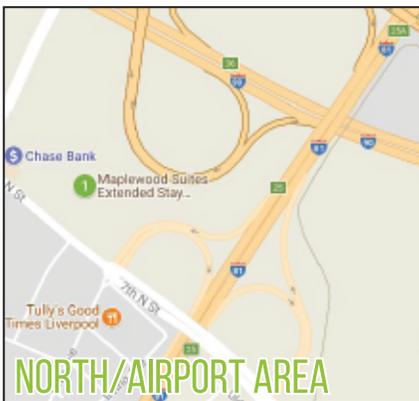
A Program of the New York State Department of Health

3.5" high



Vital Signs 2018 EMS Conference

October 11-14, 2018
Oncenter, Syracuse, NY



THE ONCENTER

1. Nicholas J. Pirro
Convention Center

DOWNTOWN SYRACUSE

1. Crowne Plaza Hotel
2. Marriott Syracuse Downtown
3. Parkview Hotel
4. Genesee Grande Hotel
5. Sheraton University Hotel

NORTH/AIRPORT AREA

1. Maplewood Suites

EAST/CARRIER CIRCLE AREA

1. Doubletree Hotel Syracuse
2. Embassy Suites Hotel
3. Homewood Suites Hotel