

VITAL SIGNS 2011



New York State EMS Symposium | October 13-16, 2011
Oncenter | Syracuse, New York
vitalsignsconference.com | 518-402-0996, ext. 3



CONFERENCE PROGRAM

THURSDAY, OCTOBER 13

7:30 AM–8:00 AM Preconference Registration

8:00 AM–5:00 PM Preconference Programs

FRIDAY, OCTOBER 14

7:30 AM–8:00 AM Preconference Registration

8:00 AM–5:00 PM Preconference Programs

5:00 PM–6:30 PM Regional Faculty Meeting

5:00 PM–8:30 PM Registration Open

5:30 PM–7:00 PM Reception

5:30 PM–8:30 PM Exhibit Area Open

SATURDAY, OCTOBER 15

7:30 AM Registration Open

8:15 AM Opening Ceremonies
NYS EMS Awards Presentation

8:45 AM Opening Session:
Teamwork in Emergency Services

9:00 AM Exhibit Area Open

9:45 AM–10:15 AM **Break**

10:15 AM–11:45 AM **SESSION 1**

- **TRACK A** Pediatric Trauma: Pearls for the Prehospital Care Provider
- **TRACK B** Ring That Bell
- **TRACK C** Everything I Learned About Teaching I Learned From El-Ed
- **TRACK D** Where Did You Get Your Training From?
- **TRACK E** Clandestine Drug Lab Awareness
- **TRACK F** All Gunked Up, and Somewhere to Go: Hazmat for EMS, A Primer (Part 1)

11:45 AM–1:30 PM **Lunch (On Your Own)**

12:00 PM–1:00 PM **Vendor Spotlight Showcase**

1:30 PM–2:45 PM **Exhibit Area Closed**

1:30 PM–3:00 PM **SESSION 2**

- **TRACK A** Orthopedic Injuries in Sports
- **TRACK B** One for the Road: Transport Pharmacology and Infusion Devices
- **TRACK C** Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 1)
- **TRACK D** Buddy to Boss: Surviving Your First Command Stroke!
- **TRACK E** Stroke!
- **TRACK F** All Gunked Up, and Somewhere to Go: Hazmat for EMS, A Primer (Part 2)

SATURDAY, OCTOBER 15 (Continued)

3:00 PM–3:30 PM **Break**

3:30 PM–5:00 PM **SESSION 3**

- **TRACK A** Kidz...They're Only Scary at Halloween
- **TRACK B** Recent Developments in Airway Management Devices
- **TRACK C** Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 2)
- **TRACK D** NYS EMS Operations Update
- **TRACK E** Recreational Pharmaceuticals: What You Need to Know
- **TRACK F** Weather: The Potential for Disaster

6:00 PM **Exhibit Area Closes**

SUNDAY, OCTOBER 16

8:00 AM Registration Open

8:15 AM EMS World Top Innovation Award Presentation
National and New York State EMS Memorial Service

8:45 AM Closing Session:
EMS Past, Present and Future

9:00 AM Exhibit Area Open

9:45 AM–10:15 AM **Break**

10:15 AM–11:45 AM **SESSION 4**

- **TRACK A** Musculoskeletal Trauma
- **TRACK B** When 12 Leads Are Not Enough
- **TRACK C** Top 35 Tips for EMS Educators: Taking Your Presentations from Good to Great!
- **TRACK D** Crew Resource Management in EMS Error Prevention
- **TRACK E** Patient Safety: The New Frontier
- **TRACK F** Planning for an MCI Response: Overview of the Hutchinson River Parkway Bus Crash

11:45 AM–1:30 PM **Lunch (On Your Own)**

1:30 PM **Exhibit Area Closes**

1:30 PM–3:00 PM **SESSION 5**

- **TRACK A** When the Body Turns Inside Out
- **TRACK B** Acute Pulmonary Edema
- **TRACK C** NYS Bureau of EMS Education Update
- **TRACK D** EMS Leadership Through Team Building
- **TRACK E** Ethics and End of Life Decisions

TWO-DAY PRECONFERENCE WORKSHOPS

THURSDAY, OCTOBER 13 and FRIDAY, OCTOBER 14

PRECONFERENCE 1

BLS Core Content Refresher

Daniel Limmer, AS, EMT-P

Joseph J. Mistovich, MEd, NREMT-P

8:00 AM–5:00 PM

This two-day workshop will provide 15 hours of BLS Training that an EMT Basic or AEMT Intermediate may apply towards the EMT-B "Core" Refresher Training of their NYS CME-Based Recertification Program. These 15 hours may also be applied towards the Mandatory Core Content required by the NREMT, meeting the objectives of the DOT EMT Refresher.

For those that attended Vital Signs 2009 and 2010, 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. It alone will not meet all of the required Core Refresher Training.

Subject areas to be covered:

1 Hour	Basic Preparatory
2 Hours	Basic Airway
3 Hours	Patient Assessment
2.5 Hours	General Pharmacology/Cardiac/Respiratory
1.5 Hours	Diabetes/Altered Mental Status/Allergies
4 Hours	Trauma
1 Hour	Elective
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15 Hours	Total

PRECONFERENCE 2

ALS Core Content Refresher

Paul Werfel, MS, NREMT-P

Arthur Romano, BA, NREMT-P

8:00 AM–5:00 PM

This two-day workshop will provide 15 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 15 hours may also be applied towards the Mandatory Core Content required by the NREMT, meeting the objectives of the DOT Advanced Refresher.

For those that attended Vital Signs 2009 and 2010, 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. It alone will not meet all of the required Core Refresher Training.

Subject areas to be covered:

3 Hours	Airway Ventilation
5 Hours	Trauma
4 Hours	Pulmonary/Cardiology
2 Hours	OB/GYN
1 Hour	Operations
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15 Hours	Total

PRECONFERENCE 3

EMS Supervisors Boot Camp

Jon Politis, MPA, NREMT-P

8:00 AM–5:00 PM

Congratulations! You've been promoted to supervisor, now what? So often, departments place more emphasis on the promotional process than preparing newly promoted supervisors to function effectively. New supervisors cannot afford to miss this session. In this highly informative and interactive workshop, participants will learn to manage multiple priorities, deal with difficult employees and bosses, stay out of legal trouble and effectively manage complex situations. You'll learn from current experts who'll share the bottom line on over 20 essential topics that new supervisors must know.

- Boss behaviors
- Legal traps to avoid
- Time management
- Coaching and counseling
- Progressive discipline
- Risk management
- Case studies
- Strengthening your credibility
- Improving your productivity
- Communications
- Ethics

Class limit of 30.

Please be advised that some sessions have class size limits. Registrants will be enrolled on a first-come, first-served basis, based upon the timely receipt of an application with payment for the course attached. In the event response is greater than space allows, acceptance will be based upon postmark.

ONE-DAY PRECONFERENCE WORKSHOPS

FRIDAY, OCTOBER 14

PRECONFERENCE 4

Trauma Trivia, Reality and Challenge

State Trauma Advisory Committee

8:00 AM–5:00 PM

Calling all trauma contestants... join us for a little pre-conference fun!

In multiple interactive sessions, brief lectures and audience response technology will be used to present a variety of trauma topics and protocols including burn/blast, traumatic brain injury, pediatrics, geriatrics, general trauma, ethics and triage. Test your own knowledge and challenge your fellow providers to see who the top trauma contenders are at Vital Signs 2011.

Class limit of 50.

PRECONFERENCE 5

Instructor Development

Paul Werfel, MS, NREMT-P

Arthur Romano, BA, NREMT-P

Malcolm Devine, NREMT-P

Andrew Johnson, BA, EMT-P

8:00 AM–5:00 PM

An educator's presentation skills and creativity in the classroom are essential to the success of all EMS training endeavors. Educating is certainly more enjoyable when the presenter has mastery of those presentation skills that involve the students and eliminate annoyances that impede learning. This workshop will explore the methods of maximizing your presentation skills and putting your students at ease, thus involving them in the learning process. By providing new and innovative methods to make your presentation skills and classroom scenarios more effective and fun, the educator will also find satisfaction and reward in the classroom. Best practices swap meet! Bring your own laptop (your own high capacity flash drive is also recommended) and we will provide you with a flash drive to swap presentations, videos, and more with other attendees. The NYS Bureau of EMS will be updating instructors with recent and future changes in EMS education in NYS. The overall NYS EMS education model will be discussed and a question and answer session to give you the answers you have been looking for. This session will meet the required 6 hours of instructor update required for NYS BEMS Instructor recertification.

PRECONFERENCE 6

The E.S.C.A.P.E Program: Emergency Services Control of Aggressive Patients Education

Bob Poresky

Lt. Shawn C. Tompkins

Mark Bender

8:00 AM–5:00 PM

Assaults and injuries on medical personnel have and will continue to escalate throughout the next decade. While over five percent of all EMS calls involve a violent patient, few agencies provide training that would effectively address this growing problem. This hands-on and interactive program provides students with simple techniques that can be easily applied to any aggressive person. Based on a foundation of medically accepted and liability conscious techniques, E.S.C.A.P.E. is designed to educate personnel in safely controlling patients for medical treatment or to defend against unexpected assaults.

You must provide your own transportation.

Location: 148 Sanders Creek Pkwy, East Syracuse, NY 13057

Directions: <http://www.eastsyracusefire.com/>

Parking: Provided

Class limit of 60.

ONE-DAY PRECONFERENCE WORKSHOPS

FRIDAY, AUGUST 27

PRECONFERENCE 7

EM-STAT Simulation Center – BLS

9:00 AM–12:00 PM

Using the SUNY Upstate Medical University's EM-STAT Simulation Center, this workshop will immerse participants in three real-life scenarios that will challenge the clinical expertise of even the most experienced provider. The EM-STAT Simulation Center is equipped with state-of-the-art adult, pediatric, and infant manikins that talk, cry, breathe, blink, and respond physiologically to all medical interventions. The simulated patients are treated in a virtual emergency department that is wired for AV recording. Debriefings occur while the scenarios are played back so important teaching moments can be reviewed. This workshop will offer a sense of unparalleled realism that will leave the participants in a suspension of disbelief. Participants will be divided into three teams and rotate through three simulations: Adult Patient, Pediatric Patient, and Trauma.

You must provide your own transportation.

Location: 550 East Genesee Street, Syracuse, NY 13210

Directions: <http://www.upstate.edu/emergency/education/emstat/>

Parking: Approximately \$7.00 per half day

Class limit of 15.

The registration fee for this pre-conference has been sponsored in part by HRSA Emergency Medical Services for Children State Partnership Grant H33MC06724.

PRECONFERENCE 8

EM-STAT Simulation Center – ALS

1:00 PM–5:00 PM

Using the SUNY Upstate Medical University's EM-STAT Simulation Center, this workshop will immerse participants in three real-life scenarios that will challenge the clinical expertise of even the most experienced provider. The EM-STAT Simulation Center is equipped with state-of-the-art adult, pediatric, and infant manikins that talk, cry, breathe, blink, and respond physiologically to all medical interventions. The simulated patients are treated in a virtual emergency department that is wired for AV recording. Debriefings occur while the scenarios are played back so important teaching moments can be reviewed. This workshop will offer a sense of unparalleled realism that will leave the participants in a suspension of disbelief. Participants will be divided into three teams and rotate through three simulations: Adult Patient, Pediatric Patient, and Trauma.

You must provide your own transportation.

Location: 550 East Genesee Street, Syracuse, NY 13210

Directions: <http://www.upstate.edu/emergency/education/emstat/>

Parking: Approximately \$7.00 per half day

Class limit of 15.

The registration fee for this pre-conference has been sponsored in part by HRSA Emergency Medical Services for Children State Partnership Grant H33MC06724.

CONFERENCE WORKSHOPS

SATURDAY, OCTOBER 15

OPENING SESSION

8:45 am–9:45 am

Teamwork in Emergency Services

Jon Politis, MPA, NREMT-P

When a life is saved, it's rare that any one person really "saved the day." More often than not, it's a series of people working together as a team who really made it happen. In EMS, all too often we emphasize individual performance beyond the effectiveness of teamwork. It's a serious problem in our organizations and at personal and professional levels in EMS. This presentation is a thought provoking look at the importance of teamwork and what it means to EMS.

WORKSHOP SESSION 1

10:15 AM–11:45 AM

■ TRACK A

Pediatric Trauma: Pearls for the Prehospital Provider

Paul A. Werfel, MS, NREMT-P

Prehospital personnel can think of a 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.

■ TRACK B

Ring that Bell

Arthur Romano BA, NREMT-P

The most common head injury observed during athletic competition is a concussion. Much has been learned over the last 10 years regarding these mild traumatic brain injuries, however resulting change in behavior within the EMS community has been slow to evolve. This session will explore the varied kinematics, patient presentation, and diagnosis of these head injuries. We will also describe the classification of concussions that reflect the varying degree of severity seen in this type of trauma. We will also discuss the controversy of "return to play" criteria that may impact prehospital care providers.

■ TRACK C

Everything I Learned About Teaching I Learned in EI-Ed

Kyle Bates, MS, NR/CCEMT-P, FP-C

Think about it for a moment. We can't sit for long periods of time, we like to play; many of us have very short attention spans and love our

snack times! The main difference between teaching EMS folk and teaching at the fourth grade is that we have previous experiences, hence making the fourth-grader easier to deal with. This fun presentation will look at cognitive development, educational principles, and audience brainstorm activities that can be used in your classroom. If these don't work, then I guess we can just stay after school!

■ TRACK D

Where Did You Get Your Training From?

Jon Politis, MPA, NREMT-P

When someone makes a mistake in the field, it's usually the first question asked by everyone: "Hey, where did you get your training from?" Have you considered that training in "job skills" is really only one of many factors which have bearing on human performance? If you need to improve quality and performance you must first diagnose why the performance problem occurred before corrective action can be taken. This thought provoking presentation reviews the common factors in human performance and provides insight into improving behavior and quality.

■ TRACK E

Clandestine Drug Lab Awareness

Technical Sergeant Douglas Wildermuth, NREMT-P, CIC

This year, New York State is on its way to see more clandestine drug laboratories than it has in the past six years. What the reason for the dramatic increase? Have the meth cooks learned how to circumvent the law? As a first responder, would you notice when you are in a lab or what a meth addict looks and behaves like? Find out what you could be missing when responding to scenes. Program created by the New York State Police and the Office of Fire Prevention and Control for first responders.

■ TRACK F

All Gunked Up, and Somewhere to Go: Hazmat for EMS, A Primer (Part 1)

Paul Penn, MS

Tom Scully

Riding in the "back of the bus" is like being in a "confined space." Throw in a patient that has not been adequately decontaminated and everyone has big troubles. This two-part session will briefly cover the chemical and biological hazards that may be encountered in a pre-hospital setting, tasks that pre-hospital EMS personnel may be asked to fulfill at a hazardous materials event, clues that will assist in maintaining "situational awareness," and actions EMS personnel can take during a pre-hospital hazardous materials event when there is a danger to themselves and others. And we will have some fun.

CONFERENCE WORKSHOPS

WORKSHOP SESSION 2

1:30 PM–3:00 PM

■ TRACK A

Orthopedic Injuries in Sports

Arthur Romano BA, NREMT-P

A large segment of our society is physically active and participates in competitive athletics. As a result, a common 911 response involves an orthopedic injury to an athlete. This talk will concentrate on the most common and the most challenging of injuries to the musculoskeletal system in this context and utilize videos to demonstrate the kinematics of these injuries. We will discuss the pre-hospital assessment and identification of fractures, dislocations, and soft tissue trauma and the appropriate treatment options.

■ TRACK B

One For the Road: Transport Pharmacology and Infusion Devices

Paul A. Werfel, MS, NREMT-P

Critical care interfacility transportation of patients receiving multiple medications are common. Many hospitals and ambulance companies are employing paramedics exclusively to serve this rapidly growing market. Paramedic practitioners must become intimately familiar with medications and devices that, until recently have been reserved for in-hospital providers. This session will cover the pharmacokinetics of infusions such as: heparin, sodium nitroprusside, mannitol, dobutamine, and others. You will also learn about the various infusion pumps that are available for this market, the advantages and disadvantages of each, and troubleshooting these devices in the field.

■ TRACK C

Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 1)

Daniel Limmer, AS, EMT-P

Joseph J. Mistovich, MEd, NREMT-P

EMS education is at a crossroad. The expectations placed on educators by the new education standards – and our students themselves – have never been higher. In this environment it is vital for educators to have a robust toolbox to meet these demands. In this session, veteran EMS authors and educators Dan Limmer and Joe Mistovich will provide important tips and strategies on topics such as teaching anatomy, physiology and pathophysiology to EMTs, integrating the education standards, developing non-linear thinking, and more. Educators: don't miss this informative session!

■ TRACK D

Buddy to Boss: Surviving Your First Command

Jon Politis, MPA, NREMT-P

Often the best clinical people aspire to leadership in organizations and once they get there may not survive the new position. It takes a lot more than good intentions to help a new manager survive long enough to do any good. This presentation is about learning some new skills of “administrative survival” to be around long enough to do some good. Experienced managers who have attended this presentation have commented that it was worth years of trial and error and wish they had heard it earlier in their career. It's very thought provoking and numerous personal case studies are discussed.

■ TRACK E

Stroke!

Bruce S. Ushkow, MD, MS, FACEP

Sponsored by  American Heart Association.

Just what is it? How do you recognize it? We have learned much over recent years and it affects how we treat stroke patients in EMS. This talk discusses pearls, pitfalls and leaves you with the confidence of knowing you can manage these patients so they have their best outcome.

■ TRACK F

All Gunked Up, and Somewhere to Go: Hazmat for EMS, A Primer (Part 2)

Paul Penn, MS

Tom Scully

Part 2 is a continuation of the chemical and biological hazards that may be encountered in a pre-hospital setting, tasks that pre-hospital EMS personnel may be asked to fulfill at a hazardous materials event, clues that will assist in maintaining “situational awareness,” and actions EMS personnel can take during a pre-hospital hazardous materials event when there is a danger to themselves and others.

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 B – ALS
Track C – Educator
Track D – Agency

Track E – General
Track F – Preparedness/
Awareness

WORKSHOP SESSION 3

3:30 PM–5:00 PM

■ TRACK A

Kidz... They're Only Scary at Halloween

Kyle Bates, MS, NR/CCEMT-P, FP-C

What goes through your head when you get that call? If it has something to do with punching out early, you are not alone! Many EMS providers feel very uneasy with pediatric calls, but they shouldn't. If the provider understands the physical and cognitive developmental milestones while utilizing a pediatric assessment tool they should be able to quickly determine the nature of illness. This presentation will address these as well as discuss one of the most common reasons 911 is activated: respiratory complaints.

■ TRACK B

Recent Developments in Airway Management Devices

Jon D. Samuels, MD

The object of this presentation is to review the American Society of Anesthesiologists (ASA) Difficult Airway Algorithm, to present the classes of airway management devices available clinically, and to provide a guide as to where the future of airway management is headed. At the end of this program, the participant should be able to discuss:

- The ASA Difficult Airway Algorithm
- Limitations of traditional airway devices
- A mechanistic approach to the difficult airway
- How the new devices work
- Classification of the most promising of the new devices
- Clinical usage and pearls of the best new devices

■ TRACK C

Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 2)

Daniel Limmer, AS, EMT-P

Joseph J. Mistovich, MEd, NREMT-P

EMS education is at a crossroad. The expectations placed on educators by the new education standards – and our students themselves – have never been higher. In this environment, it is vital for educators to have a robust toolbox to meet these demands. In this session, veteran EMS authors and educators Dan Limmer and Joe Mistovich will provide important tips and strategies on topics such as teaching anatomy, physiology and pathophysiology to EMTs, integrating the education standards, developing non-linear thinking, and more. Educators: don't miss this informative session!

■ TRACK D

NYS EMS Operations Update: Unspoken Rules of EMS – What We Think We Might Know for Sure

Lee Burns, BS, EMT-P

As EMS providers and managers, we spend years learning how to be EMT/AEMTs, operate emergency response vehicles, take care of patients and run EMS agencies. This program will discuss some of what we know to be true... or so we think: rules, opinions, and myths that affect patient care, communications with our patients and their families, training and management of our EMS agencies. This should be lively, eye-opening and a bit controversial... be prepared!

■ TRACK E

Recreational Pharmaceuticals: What You Need to Know

Technical Sergeant Douglas Wildermuth, NREMT-P, CIC

Another overdose... great! Can you figure out what the patient overdosed on from the way they presented? Today's street drugs are ever evolving. From one name to another or perhaps a new one you haven't heard of yet, there seem to be so many. Come see what the more common ones out there are, how they are consumed and the effects they have on the human body.

■ TRACK F

Weather: The Potential for Disaster

David J. Nocosia

This presentation will cover the severe weather elements that affect New York State most. We will discuss thunderstorms, flooding, snow and ice storms, and other severe weather elements so that EMS providers can be prepared to protect themselves and their patients in the field. We will discuss the varying types of weather alerts, what they mean, and how to access this information so that providers can maintain their situational awareness. The presentation will also briefly touch upon the effects that severe weather has on our infrastructure systems such as roads, utilities and transportation systems.

SUNDAY, OCTOBER 16

CLOSING SESSION

8:45 am–9:45 am

EMS Past, Present and Future

Baxter Larmon, PhD, MICP

This program will explore where the roots of EMS came from and the development of EMS into what it is today. Looking into a crystal ball, Dr. Larmon will explore where the future of EMS will lead us to...

WORKSHOP SESSION 4

10:15 AM–11:45 AM

■ **TRACK A**

Musculoskeletal Trauma

Connie J. Mattera, MS, RN, EMT-P

Two hundred and six bones, countless muscles, nerves, blood vessels, and supporting structures weave together to form the musculoskeletal system. Although injuries to this system are common and rarely fatal, they often result in severe pain, blood loss, and potential long-term disability. Adverse outcomes can often be prevented with prompt temporary measures, but which ones? When is rest, ice, compression and elevation contraindicated? Which fractures require traction splinting and which would be harmed by traction? How can hemorrhage from a limb amputation be stopped when direct pressure doesn't work? Which injuries suggest abuse? When should an EMS responder suspect compartment syndrome and crush syndrome, and more importantly, what interventions are required immediately to save life and limb? Perhaps common, is not so simple. Intrigued? Spend some time with Connie as she appeals to those of you who like visually impressive injuries... and gain a new appreciation of body carpentry 101.

■ **TRACK B**

When 12 Leads Are Not Enough

William R. Miller, PA-C

*Sponsored by **PHILIPS***

Acute myocardial infarction (AMI) is a serious and potentially life-threatening assault on the heart. Early pre-hospital recognition, coupled with rapid in-hospital advanced intervention, can have a dramatic impact on not just survivability, but also provide a significant reduction in morbidity. Some of the sickest AMI patients we will ever encounter are those with complex multiple wall infarcts that also involve the right ventricle. This presentation will teach you how to properly capture and interpret 15 and 18 lead EKGs to assess for the presence of right ventricular infarction, as well as proper management, and why *not* "every-one meets MONA."

■ **TRACK C**

Top 35 Tips for EMS Educators: Taking Your Presentations from Good to Great!

Cindy Tait, MICP, RN, CEN, CFRN, MPH

This presentation is based on the world-renowned program by Ron Huff titled, "I Can See You Naked: A Fearless Guide to Making Great Presentations." Cindy puts an EMS educator spin on the top 35 tips that will help make your classroom presentations, skills sessions and preceptor experiences fun, effective, productive and worthwhile for you and your students.

■ **TRACK D**

Crew Resource Management in EMS Error Prevention

Bruce Evans NREMT-P, MPA

The Institute for Health Improvement and the Institute of Medicine's book *To Err Is Human* has identified medical errors as a threat to the U.S. health care system. The National Registry is looking to implement the principles of CRM into the testing process within the next decade. EMS is uniquely positioned to demonstrate best practices in teamwork to prevent or trap errors before they happen and prevent injuries to the patient. This session will look at the application of crew resource management into EMS operations and how employing the principles of CRM can protect patients during high risk EMS operations. Concepts of situational awareness, communication loops, and appreciative inquiry will be explored. The class will look at approaches to pediatric care, facilitated intubation, and ambulance operations where CRM can have an impact.

■ **TRACK E**

Patient Safety: The New Frontier

Baxter Larmon, PhD, MICP

The Institute of Medicine reported that there may be more than 100,000 lives lost due to improper health care. Patient safety is the new area of concern for EMS administrators and educators. This lecture will explore what patient safety is and how we, as providers of health delivery, can ensure that we are providing the best and safest patient care.

■ **TRACK F**

Planning for an MCI Response: Overview of the Hutchinson River Parkway Bus Crash

Captain Thomas Luby, MA, MEP

On March 12, 2011, at 05:30 hours, the FDNY EMS was faced with the challenge and complexity of a bus crash involving a large number of passengers. The incident occurred in the southbound lane at Exit 14 of the Hutchinson River Parkway, Bronx, NY. Upon arrival, the bus was found on its side after skidding approximately 200 yards. A large highway support beam sheared off approximately two-thirds of the bus's length at the passenger level or window line.

CONFERENCE WORKSHOPS

FDNY EMS responds to over 1.3 million calls a year or 3500 calls per day and has resources available to be used during mass causality incidents while maintaining the ability to provide essential 911 services. However, on this tragic morning, the same issues that FDNY EMS encountered were not different than an EMS agency outside NYC would encounter. Regardless of where your EMS agency is from, the same strategies involving incident management, medical management, resource and personnel utilization can be implemented to obtain favorable outcomes.

WORKSHOP SESSION 5

1:30 PM–3:00 PM

■ TRACK A

When the Body Turns Inside Out

Cindy Tait, MICP, RN, CEN, CFRN, MPH

This presentation reviews the mechanism of injury, treatment and patient packaging for injuries that involve open wounds with protruding organs, bones, and/or tissues. Initial response to injuries such as open fractures, extruded eyes, eviscerations, gunshot blasts, degloving, electrical exit wounds, and exposed brain matter are significant and must be treated appropriately to support both the patient's life as well as reduce morbidity. Cindy will show examples and discuss some of the latest techniques for keeping these structures most viable for surgical intervention.

Included in the presentation are videos that show how to handle a knocked out tooth, an animation on how a hand is surgically reattached, an electrocution from a high voltage power line that produced exit wounds and an evisceration closure.

■ TRACK B

Acute Pulmonary Edema

Connie J. Mattera, MS, RN, EMT-P

Pulmonary edema has traditionally been treated with marginal success due to the tools available to EMS personnel and the nature of the physiological dysfunction. Recent research suggests great optimism for improved outcomes based on new therapeutic approaches which key in on the root causes of hemodynamic derangements. This presentation highlights effective methods to reduce preload using NTG, reduce afterload using ACE inhibitors and enhancing oxygenation, and reducing work of breathing with prehospital C-PAP. This presentation is a must for out-of-the-box thinkers who know there must be a better way!

■ TRACK C

NYS Bureau of EMS Educational Information Session

Karen Meggenhofen and BEMS Staff

The Bureau's Education staff would like to invite you to join us for this informative session. We will discuss issues that affect you as a course sponsor or instructor. We are moving closer to the implementation of the National Educational Standards, this session will bring you up to date on the next steps. There will also be a CME program update including current issues, policy changes and information regarding acceptable on-line training. As always, this is a great opportunity to meet and talk with other course sponsors and instructors, share your successes and talk about your problems.

We will save time to answer your questions.

■ TRACK D

EMS Leadership Through Team Building

Bruce Evans NREMT-P,MPA

Leadership is about inspiring people to go in a direction, and requires a vision. In this course the participant will work through strategic planning based on the National Association of State EMS Officials Performance Initiatives. This session will look at establishing the direction of your EMS organization and through the use of group exercises will challenge the participants to complete a task reflecting on the principles of leadership and team building. The application for teaching EMS crews to function efficiently or to direct an EMS management team will be identified by a problem solving activity. The leadership benefits of coaching will be demonstrated to the group with scenarios.

■ TRACK E

Ethics and End of Life Decisions

Jeffrey Myers, DO

Jeremy Cushman, MD

Michael Dailey, MD

Moderator: Paul A. Bishop, MPA, NREMT-P

EMS providers regularly are faced with difficult decisions regarding patient care near the end of a patient's life. This workshop will discuss ethics and ethical decision making in generic terms. A panel of EMS physicians and providers will discuss several theoretical cases revolving around end of life care that will help participants understand how ethics and the law can be used to aid in decision making. Participants will be encouraged to contribute to the discussion.

CONFERENCE INFORMATION

RECEPTION

*Friday, October 14
5:30 PM–7:00 PM*

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. The Exhibit Hall will remain open until 8:30 PM.

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

Free 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 Convention Center. However, for those who prefer not to visit local eateries, the Convention Center concession stands will be selling breakfast snacks in the early morning and light lunches for your convenience.

CONTINUING EDUCATION

An application for continuing education accreditation has been submitted to the Center for Healthcare Education, Inc. for EMTs and Paramedics. Nurses may apply for credit on-site for a nominal fee. Center for Healthcare Education, Inc. is a nationally recognized provider of quality continuing education courses. Each speaker, session and workshop is approved by a panel of medical experts to insure that participants receive up-to-date information relevant to the practice of emergency medicine and prehospital care.

Participants may receive hour for hour continuing education credit for each course attended. National regulations require submission of a brief post test for each session attended. At the end of the conference all post tests must be submitted to the continuing education desk for processing. Within five weeks after the conference you will receive your certificate documenting your continuing education hours. The NYS Bureau of Emergency Medical Services does not grant continuing education credits directly.

NYS CME-BASED RECERTIFICATION PROGRAM

(Formerly known as the "Pilot Program")

All conference time may be applied towards "Non-Core" Additional Continuing Education hours. Only conference time specifically indicated (if any) may be applied towards "Core" Refresher Training. For documentation, the participant must keep on file at their EMS Agency (1) a copy of this brochure, and (2) the participant's Center for Healthcare Education certificate, and (3) the participant's CIC verification letter (for "Core" credits). (Specific Pre-Conference sessions, as indicated in this brochure, are approved for "Core" Credit.) Go to www.vitalsignsconference.com for more details.

PARKING

There is a parking garage attached to the Convention Center at a \$4.00 per day 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 20, 2011. A 25% cancellation fee must be charged. No refunds will be granted after September 20, 2011.

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

Check or money order made payable to **Health Research, Inc., EMS Conference** for the total amount must accompany the completed registration form. We also accept VISA/MASTERCARD. We are unable to accept purchase orders or vouchers.

Upon receipt of your conference registration form, it will be processed and a receipt mailed to you. To receive your conference materials please present your receipt at the registration desk.

If your registration is received late, your receipt will be available at the registration desk. **You will need to show identification to receive your packet.**

EXHIBITOR SHOWCASE

Saturday 12:00 PM–1:00 PM

This is a great opportunity to get more information on some of the latest technology available to EMS. Up to four companies will spotlight their hottest products and answer all your questions in a more quiet and casual setting.

CONFERENCE REGISTRATION FORM

28th Annual New York State EMS Symposium
October 13-16, 2011 • Oncenter • Syracuse, NY
 Visit us at vitalsignsconference.com



Use a separate form for each person. Photocopy additional registration forms if needed. PLEASE PRINT CLEARLY.

Last Name	<input type="text"/>	First Name	<input type="text"/>
Organization	<input type="text"/>		
Title	<input type="text"/>	Level:	<input type="checkbox"/> CFR <input type="checkbox"/> EMT <input type="checkbox"/> EMT-I <input type="checkbox"/> EMT-CC <input type="checkbox"/> EMT-P
EMT Number	<input type="text"/>	National Registry Number	<input type="text"/>
Address (CME Certificates Will Be Sent Here) <input type="text"/>			
City	<input type="text"/>	State/Province	<input type="text"/> Zip/Postal Code <input type="text"/>
Day Phone (<input type="text"/>) <input type="text"/> - <input type="text"/> Ext.	<input type="text"/>	E-mail	<input type="text"/>

CONFERENCE REGISTRATION

- \$170.00 Registration received before September 20
- \$225.00 Registration received September 21–October 5
- \$250.00 On-site Registration
- FREE Subscription to *EMS Magazine* (\$32 value)
- Check here if you wish to have your name and address released to exhibitors for informational mailings.

PRECONFERENCE WORKSHOPS

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

- | | | | |
|--------------------------|-----------------|----------|--|
| <input type="checkbox"/> | Preconference 1 | \$200.00 | BLS Core Content Refresher (2-day Preconference) |
| <input type="checkbox"/> | Preconference 2 | \$200.00 | ALS Core Content Refresher (2-day Preconference) |
| <input type="checkbox"/> | Preconference 3 | \$200.00 | EMS Supervisors Boot Camp (2-day Preconference) |
| <input type="checkbox"/> | Preconference 4 | \$125.00 | Trauma Trivia, Reality and Challenge |
| <input type="checkbox"/> | Preconference 5 | \$125.00 | Instructor Development |
| <input type="checkbox"/> | Preconference 6 | \$125.00 | The E.S.C.A.P.E. Program |
| <input type="checkbox"/> | Preconference 7 | \$ 75.00 | EM-STAT Simulation Center – BLS |
| <input type="checkbox"/> | Preconference 8 | \$ 75.00 | EM-STAT Simulation Center – ALS |

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 2011
NYSDOH Bureau of Emergency Medical Services
433 River Street, Suite 303
Troy, NY 12180-2299

Upon acceptance of your conference registration form, a receipt will be mailed to you. YOU MUST present your receipt when picking up your conference packet at the registration desk. If you are unable to attend the conference and wish a refund, you must provide written notice of cancellation to the NYS Department of Health Bureau of EMS on or before September 21, 2011. A 25% cancellation fee will be charged. No refunds will be granted after September 21, 2011. The NYS Department of Health Bureau of EMS reserves the right to cancel the conference. In the event the conference is cancelled, registration fees will be refunded.

CONFERENCE WORKSHOPS

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

Saturday, October 15 Session 1, 10:15 AM–11:45 AM

- Track A Pediatric Trauma: Pearls for the Prehospital Provider
- Track B Ring That Bell
- Track C Everything I Learned About Teaching I Learned in El-Ed
- Track D Where Did You Get Your Training From?
- Track E Clandestine Drug Lab Awareness
- Track F All Gunked Up and Somewhere to Go: Hazmat for EMS, A Primer (Part 1)

Saturday, October 15 Session 2, 1:30 PM–3:00 PM

- Track A Orthopedic Injuries in Sports
- Track B One For the Road: Transport Pharmacology and Infusion Devices
- Track C Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 1)
- Track D Buddy to Boss: Surviving Your First Command
- Track E Stroke!
- Track F All Gunked Up and Somewhere to Go: Hazmat for EMS, A Primer (Part 2)

Saturday, October 15 Session 3, 3:30 PM–5:00 PM

- Track A Kidz...They're Only Scary at Halloween
- Track B Recent Developments in Airway Management Devices
- Track C Teaching the Tough Stuff: Pathophysiology, Assessment and Thinking (Part 2)
- Track D NYS Bureau of EMS Operations Update
- Track E Recreational Pharmaceuticals: What You Need to Know
- Track F Weather: The Potential for Disaster

Sunday, October 16 Session 4, 10:15 AM–11:45 AM

- Track A Musculoskeletal Trauma
- Track B When 12 Leads Are Not Enough
- Track C Top 35 Tips for EMS Educators: Taking Your Presentations from Good to Great!
- Track D Crew Resource Management in EMS Error Prevention
- Track E Patient Safety: The New Frontier
- Track F Planning for an MCI Response: Overview of the Hutchinson River Parkway Bus Crash

Sunday, October 16 Session 5, 1:30 PM–3:00 PM

- Track A When the Body Turns Inside Out
- Track B Acute Pulmonary Edema
- Track C NYS Bureau of EMS Education Update
- Track D EMS Leadership Through Team Building
- Track E Ethics and End of Life Decisions

Save the Date!

VITAL SIGNS 2012

Oncenter
Syracuse, NY

October 18-21, 2012



CREDIT CARD ORDER FORM

28th Annual New York State EMS Symposium
October 13-16, 2011 • Oncenter • Syracuse, NY
Visit us at vitalsignsconference.com



- No registrations will be accepted over the phone.
- Health Research, Inc. will appear as the transaction on your credit card statement.
- Credit cards will NOT be accepted at on-site registration.

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

Credit Card Number _____ - _____ - _____ - _____ Expiration Date ____ / ____

Amount Charged _____

FOR HRI USE ONLY

Transaction Processed (Circle one): Approved Declined

Amount Charged \$ _____ Settlement Date _____

HOUSING REGISTRATION INSTRUCTIONS

ROOM RESERVATION INSTRUCTIONS: PLEASE READ CAREFULLY

GENERAL INFORMATION

The Syracuse Convention and Visitors Bureau (SCVB) will be managing the housing for this convention. Please do not contact the hotels directly. Failure to reserve your rooms through the SCVB may result in higher room rates, removal from the block, or may keep you from receiving necessary convention materials or information. Official cut off dates for discounted room reservations is September 13, 2011.

Reservation requests will be processed immediately and an acknowledgement from the SCVB will be sent directly to you. You should expect to receive an acknowledgement from the SCVB with your hotel and room rate information typically within one (1) week of submission. If you do not receive a confirmation from the SCVB after one (1) week, please contact the SCVB via e-mail or phone number provided. Approximately two (2) weeks after you receive your SCVB acknowledgement your hotel may send you an official confirmation, some hotels do not practice this procedure. If you do not receive a confirmation from your assigned hotel and would like one, please contact your hotel listed on your acknowledgement directly no more than 30 days prior to your arrival.

SUBMITTING A RESERVATION

You may make your reservation in ONE of the following ways: MAIL or INTERNET. Please do not do both. To make your reservations online please visit www.housingweb.net and use your convention code. If you chose to mail in your form, the hotel reservation form consists of one (1) page. Do not submit any other pages with your registration form and please do not send any money.

COMPLETING THE FORM

Please PRINT clearly. Name, address, and phone number are mandatory. Any information missing on the form will result in a delay of processing your reservation request.

CHOOSING A HOTEL

Hotels are reserved on a first come first serve basis. Vital Signs 2011 has specially priced blocks available at the hotels listed on your housing form. Since space at each hotel is limited please choose at least three (3) hotels from the list. Rate your choices on the Registration sheet clearly. You will be assigned your top choice based on availability.

MULTIPLE ROOMS AND SPECIAL REQUESTS

If you need to reserve more than one room please make copies of the registration form. EACH ROOM REQUESTED NEEDS A SEPARATE FORM. Special requests should be detailed in the space provided on the form. Please remember that these are special requests, not guaranteed.

ROOM CANCELLATIONS AND CHANGES

If you need to cancel a reservation or change a reservation contact the SCVB via e-mail or phone provided before September 13, 2011. There is no charge associated with cancellations or changes prior to the cut off date. After the cut off date, you must contact the hotel directly to make changes to or cancel your reservation and will be subject to the cancellation policies of the individual hotel.

PAYMENT INFORMATION

All rooms must be guaranteed by a credit card. Payment is due at the time of check in. If you wish to pay by check or by PO please contact your assigned hotel directly.

CUSTOMER SERVICE

If you have any questions or problems relating to housing for the 2011 Vital Signs EMS Symposium, please call, Christie Bravos at (315) 470-1842. If you have any questions about attractions or things to do while you are here, please visit our website at www.visitsyracuse.org.

ATTENDEE HOUSING FORM



Please submit your reservation in ONE of the following ways, please do not do both.

1. *By mail:* Syracuse CVB Housing Dept., Attn: Christie Bravos, 572 South Salina Street, Syracuse, NY 13202
2. *Online:* www.housingweb.net **Please use Convention Code 10062**

VERY IMPORTANT INFORMATION

GENERAL The cut-off date to make reservations is **September 13, 2011**. Please direct all HOUSING inquiries to: Christie Bravos, Convention Services Director of the Syracuse CVB, at 315-470-1842, prior to the cut-off date.

INSTRUCTIONS Please fill out one form for each room needed. All fields are required in order for your reservation to be processed. You will receive an acknowledgement from the Syracuse CVB by e-mail or mail after your reservation is submitted. It is not a hotel confirmation. It is an acknowledgement that we have received your request for a room and that request has been made to a hotel on your behalf.

PAYMENT A credit card is required to reserve a room. Please DO NOT SEND ANY MONEY, CHECKS, or TAX-EXEMPT FORMS WITH THIS HOUSING FORM! Any of these forms submitted to the CVB are invalid and will not be forwarded to your hotel.

RESERVATION INFORMATION

First Name _____ Middle Initial _____ Last Name _____

Mailing Address 1 _____

Mailing Address 2 _____

City _____ State/Province _____ Zip/Postal Code _____

Preferred Phone (_____) _____ Cell Phone (_____) _____ Fax (_____) _____

Employer/Organization _____

ROOM REQUEST INFORMATION

All requests are based on availability on a first come, first served basis. All efforts will be made to accommodate your preferences. However, in the event that your first choice is not available, you will be assigned your second choice, and so on.

Arrival Date _____ Departure Date _____

Room Type Single Double Double/Double Triple Quad

Hotel	Single	Double	Triple	Quad	Indicate Choice
Sheraton University Hotel & Conference Center	\$139	\$139	\$149	\$159	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Crowne Plaza (formerly Renaissance)	\$139	\$139	\$139	\$139	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Genesee Grande Hotel	\$139	\$139	\$139	\$139	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Parkview Hotel	\$139	\$139	\$139	\$139	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Doubletree Hotel (formerly Wyndham)	\$120	\$120	\$120	\$120	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Embassy Suites	\$125	\$125	\$135	\$145	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Ramada Inn North	\$119	\$119	\$119	\$119	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Holiday Inn Syracuse – Liverpool	\$126	\$126	\$126	\$126	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5

Special Needs or Requests Non-smoking Smoking Cot* Refrigerator* Other* _____

*Some requests such as rollaway beds, cribs or extra refrigerators most likely will incur additional charges. These requests are not guaranteed. Please call and confirm all requests with your hotel directly when you receive your hotel assignment.

Are You Sharing Your Room With Other Occupants? Yes No If yes, list all room occupants. Individuals listed here should not submit their own Housing Forms.

1. First Name _____ Last Name _____

2. First Name _____ Last Name _____

3. First Name _____ Last Name _____

PAYMENT INFORMATION

Credit card information is required to hold your reservation. Please PRINT clearly.

Visa MasterCard American Express Discover Please note that all credit cards must be valid through the dates of the event.

Credit Card Number _____ - _____ - _____ - _____ Expiration Date _____ / _____

Cardholder's Name _____

Cardholder's Signature _____

HOTEL INFORMATION

DOWNTOWN

CROWNE PLAZA (formerly Renaissance)

701 E. Genesee Street
Syracuse, NY 13210

Fitness Center, Iron/Ironing Board, Dining, Pet Friendly, Internet, Handicapped Accessible, In-Room Coffee

PARKVIEW HOTEL

713 E. Genesee Street
Syracuse, NY 13210

Wireless Internet, Dining, 24-Hour Business Center Fitness Center, Pet Friendly

GENESEE GRANDE HOTEL

1060 E. Genesee Street
Syracuse, NY 13210

Handicapped Accessible, Fitness Facility, Dining, Pet Friendly, Internet

SHERATON UNIVERSITY HOTEL & CONFERENCE CENTER

801 University Avenue
Syracuse, NY 13210

Indoor Pool, Handicapped Accessible, Fitness Center, Dining, Pets, Smoking, Internet Service, Iron/Ironing Board

NORTH

HOLIDAY INN SYRACUSE – LIVERPOOL

441 Electric Parkway
Liverpool, NY 13088
Exit 37

Indoor Pool, Handicapped Accessible, Fitness Center, Pet Friendly, Internet, Iron/Ironing Board, In-Room Coffee

RAMADA INN NORTH

1305 Buckley Road
North Syracuse, NY 13212
Exit 37

Outdoor Pool, Handicapped Accessible, Fitness Center, Dining, Internet, Iron/Ironing Board

EAST

DOUBLETREE HOTEL (formerly Wyndham)

6301 Route 298
East Syracuse, NY 13057
Exit 35

Indoor/Outdoor Pool, Handicapped Accessible, Fitness Center, Dining, Internet

EMBASSY SUITES

6646 Old Collamer Road
East Syracuse, NY 13057
Exit 35

Indoor Pool, Handicapped Accessible, Fitness Center, Limited Dining, Internet, Iron/Ironing Board, In-Room Coffee

DIRECTIONS

FROM NYS THRUWAY (I-90)

Take Exit 36, Route 81 South to Syracuse. Take Harrison Street Exit 18, right on Harrison two blocks, turn left into parking garage.

FROM NORTH

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

FROM SOUTH

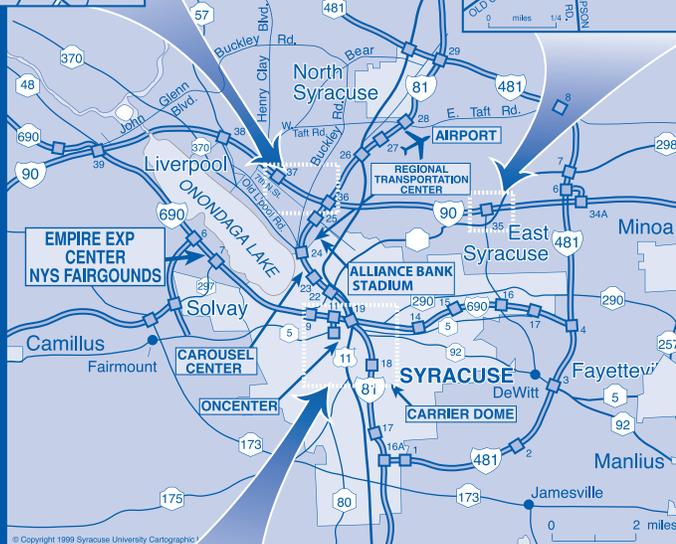
Route 81 North to Adams/Harrison Street Exit 18. Go straight one block, turn left onto Harrison, go two blocks. Turn left onto State Street, turn left into parking garage.

**New York State Department of Health
Bureau of Emergency Medical Services
Vital Signs NYS EMS Conference
August 26-29, 2010
Sheraton New York Hotel & Towers
New York City, New York**

North/Airport Area

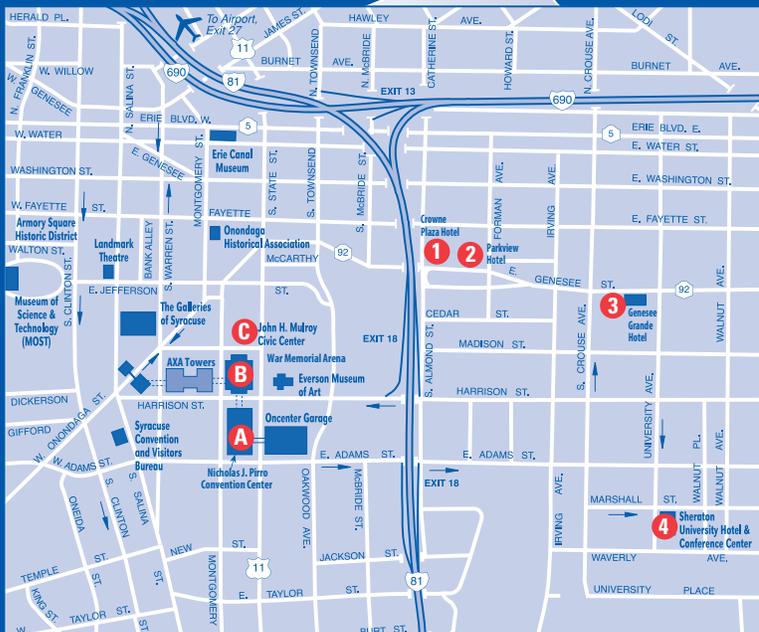


East/Carrier Circle Area



GREATER SYRACUSE

Downtown Syracuse



The Oncenter

- A** Nicholas J. Pirro Convention Center
- B** War Memorial Arena
- C** Mulroy Civic Center

Downtown Syracuse

- 1** Crowne Plaza Hotel
- 2** Parkview Hotel
- 3** Genesee Grande Hotel
- 4** Sheraton University Hotel & Conference Center

North/Airport Area

- 5** Holiday Inn Syracuse – Liverpool
- 6** Ramada Inn

East/Carrier Circle Area

- 7** Doubletree Hotel Syracuse
- 8** Embassy Suites Hotel