

2009 STEP EMS Conference Presentation Summary

| Track | Speaker | Topic | Objectives |
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| Plen A | Nadine Levick | Safety | <ul style="list-style-type: none"> Review common causes of injury/death in EMS Discuss equipment and vehicle design for current configurations and review the safety aspects or flaws in each. Review opportunities for improving safety enhancements and re-configuring/retrofitting current equipment for safer use and operations Discuss way to adjust operations and promote a culture of safety to reduce the chance of injury/death in EMS |
| A | Jack Davidoff | Treatment/Transport Decisions | <ul style="list-style-type: none"> Review BLS/ALS/Air Medical and Trauma Center resources Discuss utilization criteria in choosing resources Discuss the role of Medical Command Authority in resource utilization |
| B | Bruce Thompson | CHF | <ul style="list-style-type: none"> Attendees should have a better understanding of the underlying mechanisms that contribute to heart failure. Attendees will be able to incorporate a framework of symptoms to categorize the severity of heart failure and which should assist in choosing therapies to treat the different types of heart failure. Attendees will be able to generate differential diagnoses for concomitant diseases for patients with dyspnea. |
| C | Nicole Stassen | Geriatric Trauma | <ul style="list-style-type: none"> Review Incidence of trauma in the geriatric population Discuss complications in geriatric trauma patients arising from co-morbidity factors Discuss assessment and treatment considerations in the geriatric trauma patient |
| D | Sam DeRosa | Holley HAZMAT incident | <ul style="list-style-type: none"> Review the basics of HazMat Response Review the operational issues related to hazardous materials incidents by reviewing the Holley Chlorine HazMat incident Review command/operational structures multi-disciplinary and multi-agency response to a HazMat Incident |
| E | Jennie Militello | Substance Abuse | <ul style="list-style-type: none"> Review current trends of substance abuse in the workplace Differentiate social use, abuse and dependency Review the signs of substance abuse in the workplace Discuss effective intervention strategies for impaired workers |
| Plen B | Bill Hallinan | Resuscitation/Post Resuscitation | <ul style="list-style-type: none"> Identify historical and current survival trends in post arrest adults Discuss the concepts of CCR Identify candidates for therapeutic hypothermia |
| F | Darrin Batty | Burns | <ul style="list-style-type: none"> Review of Burn anatomy Burn treatment Burn care Psychosocial aspects of dealing with the burn patient at the time of the event. How to deal with a Burn patient should EMS encounter them during recovery |
| G | Mike Cunningham | Stroke | <ul style="list-style-type: none"> Review Epidemiology/incidence of stroke Describe signs/symptoms of stroke Discuss stabilization and transport considerations for the stroke patient Discuss the time-dependent strategies for the treatment of embolic/occlusive stroke |
| H | Victor Sanders | Gang Violence | <ul style="list-style-type: none"> Describe types of gangs |

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| | | | <ul style="list-style-type: none"> Describe and discuss the similarities/differences between gang organizations in the US/Rochester area Discuss relevance of gang activity to EMS responses |
| I | Alan Bubel | NIMS | <ul style="list-style-type: none"> Review the NIMS Review the concept of NIMS compliance and the NIMSCAST tool Identify each of the 27 compliance requirements Identify sources for assistance with compliance issues |
| J | Kristian Reninger | EMS Myths | <ul style="list-style-type: none"> Discuss misinformation/mythology in formulation of EMS practice Discuss the efficacy of the following treatment modalities <ul style="list-style-type: none"> MAST Trendelenberg Ammonia Inhalation Hyperventilation & the paper bag |
| K | Mark Philippy | Scene Safety – Violence-related calls | <ul style="list-style-type: none"> Review incidents with potential for violence where dispatch does not include information of violence. Discuss situational awareness Identify EMS roles and responsibilities in scene management, escape routes, potential weapons and human hazards Introduce simple diffusion/distraction techniques and methods of positioning that will increase crew safety Discuss MLREMS protocols for behavioral emergencies/restraint procedures |
| L | Adam Oplinger | Surviving Sepsis | <ul style="list-style-type: none"> Review epidemiology of sepsis Define Sepsis and SIRS Review pathophysiology of sepsis Review current thoughts on treatment of sepsis Discuss the EMS role in identification and treatment of the septic patient. |
| M | Jack Davidoff, MD Kelly Klein, MD Virginia Signorelli, NA Ross Hoham, CCEMTP, FPC Ray McLean, CCEMTP, FPC | Trauma and the Difficult Airway | <ul style="list-style-type: none"> Attendees will learn about trauma airway management. Topics will include why the airway management in trauma needs to be aggressive, what procedures are available to aid in airway management and what adjunct devices can be utilized to help manage the airway in trauma patients. Airway cases for Head Trauma, Chest Trauma, Penetrating Neck Trauma, burns and Maxillofacial trauma will be presented |
| N | Rick Russotti | Emergency Incident Rehab | <ul style="list-style-type: none"> Understand the need for medical evaluation and treatment on emergency scenes Understand the proper food and fluid replenishment for emergency responders Understand the need for relief from climatic conditions on the emergency incident scene Understand the need for rest and recovery for all responders Relate member accountability into the rehabilitation process |
| O | Brad Pinski | Mock Trial | <ul style="list-style-type: none"> Discuss EMS caselaw Review strategies for EMS personnel when required to participate in legal proceedings Review common traps and pitfalls when participating in legal proceedings |
| Plen C | Dr. Jahromi | Current Stroke Therapies | <ul style="list-style-type: none"> To review rapid diagnosis, triage and management of acute stroke by EMS personnel at the scene To discuss the role of intra-arterial intervention for stroke within and beyond the 3-hour i.v.-tpa window To review the latest in catheter technology for opening occluded blood vessels in the |

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| | | | head and neck |
| P | Bobbi Huffer | Working with Developmentally Disabled Patients | <ul style="list-style-type: none"> Identify common MRDD patients EMS will encounter in the field Understand the purpose and structure of a community group home and how EMS will interact with the staff Review basic techniques for communicating with, and calming MRDD patients |
| Q | Lou Varre | Specialty Care Transport | <ul style="list-style-type: none"> Contrast and compare traditional EMS response versus critical care transport Review utilization criteria for critical care transport Review local and regional resources available for critical care transport |
| R | Jim Harrington | 390/Scottsville Rd Panel Discussion | <ul style="list-style-type: none"> Discuss the multi-agency/multi-disciplinary response the major/multiple MVC crash on 390/Scottsville road Review the operational aspects from a law enforcement, fire, EMS and hospital aspect Review and discuss triage of multiple patients using a real-life scenario Review the aspect poor weather played in the incident and its response |
| S | Mark Cholach | Agency Command for Fire/EMS | <ul style="list-style-type: none"> Compare command structures commonly found in the Fire Service and EMS Discuss the roles involved in the command structure in common Fire and EMS responses Review how dissimilar command structures can interact at an incident |
| T | Jim Harrington | 390/Scottsville Rd Panel Discussion | <ul style="list-style-type: none"> Discuss the multi-agency/multi-disciplinary response the major/multiple MVC crash on 390/Scottsville road Review the operational aspects from a law enforcement, fire, EMS and hospital aspect Review and discuss triage of multiple patients using a real-life scenario Review the aspect poor weather played in the incident and its response |
| U | Heather Bellinger, CDA | Dental/oral airway Emergencies | <ul style="list-style-type: none"> Review anatomy/physiology of the oral cavity Discuss common dental emergencies encountered by EMS personnel Discuss dental aspects of airway emergencies. |
| V | Art Cooper | Pediatric Shock & Sepsis | <ul style="list-style-type: none"> Review the etiologies of shock and sepsis in the pediatric population Discuss the pathophysiology of shock and sepsis in pediatric patients Compare and contrast shock and sepsis in the pediatric versus adult population Review assessment and treatment modalities in the pediatric shock and/or sepsis patient |
| W | Bill Hallinan | Damage Control Extrication | <ul style="list-style-type: none"> Define and discuss the concept of Damage Control extrication Identify patients in vehicle rescue scenarios where damage control extrication is required Discuss the strategies needed to apply damage control extrication |
| X | Sam DeRosa | Monroe County HazMat and Decontamination equipment demonstration | <ul style="list-style-type: none"> Demonstrate practical applications of Decontamination Discuss capabilities of the Monroe County HazMat team |
| Y | Dan McGuire | Managing you own stress during a high profile incident | <ul style="list-style-type: none"> Define stress Review common symptoms and presentations of stress commonly seen in emergency responders Discuss common stressors that impact responders involved in high stress incidents Differentiate between positive and negative strategies for dealing with stress |