

2009



SOUTH CAROLINA EMERGENCY CARE SYMPOSIUM



Scenes from the 2008
Paramedic Championship

April 15-18, 2009
Sheraton Myrtle Beach
Convention Center Hotel
Myrtle Beach, SC



General Information

The South Carolina EMS Network, Inc., is pleased to present the 2009 South Carolina Emergency Care Symposium. April is a beautiful time to be at the beach and this year's Symposium promises warm weather and the opportunity to hear and see the latest information in the EMS world. The Myrtle Beach Convention Center features a huge conference and exhibit area, and a "stadium-like" arena for the paramedic competition. The plush, yet affordable, Sheraton Myrtle Beach Convention Center Hotel is connected directly to the convention center and is located just two blocks from the "Broadway at the Beach" complex and just two blocks from the Atlantic Ocean. Coastal Grande Mall, one of South Carolina's newest and largest shopping complexes, is just 10 minutes away. We look forward to seeing you there!

As you have no doubt noticed, our registration fees for the 2009 South Carolina Emergency Care Symposium have increased. This is the first increase in registration fees since 1995 and unfortunately was necessary in order to continue to offer a quality Symposium in the face of rising costs associated with the conference. Compared to other conferences of this size, the Symposium is still the best value around and we'll be offering even more for 2009.

The South Carolina EMS Network reserves the right to use photos taken of participants during Symposium related events for future brochures and promotional materials for the Symposium.

CREDIT

The SC EMS Division of DHEC will provide continuing education credit for EMS personnel.

Application has been made to the Georgia Office of EMS and the North Carolina Office of EMS for recognition of continuing education credit issued at the SC Emergency Care Symposium.

Wine & Cheese Reception

Wine and Cheese Reception will be held in the Exhibit Hall on Thursday, April 16, 2009 at 5:00 p.m.

Admission ticket to the Wine and Cheese Reception is included for all full conference registrants.

Tickets to the Wine and Cheese Reception for non-conference registrants will be available at the conference registration desk for \$10.00 per person.

Conference Registration Cancellation Policy

All cancellations must be made in writing and mailed to the SC EMS Network or faxed to the Network at 843-529-0460 prior to the Symposium. Cancellations received prior to March 16, 2009 will receive a full refund minus a \$20 handling fee. THERE WILL BE NO REFUNDS AFTER March 16, 2009. Substitutions only will be allowed after March 16, 2009. No registrations will be accepted by mail after April 10, 2009. Registrations after April 11 must be submitted at the conference registration desk.

If you have any questions or need any help during the conference, just ask any of the SC EMS Network staff



Sunrise Prayer Breakfast

Saturday, April 18, 2009
7:30 a.m.-8:30 a.m.

There is **no charge** to attend but space is limited. Pick up your ticket at the Conference Registration desk no later than 5:00 p.m. on Thursday, April 16, 2009.

As a courtesy to others, all telephone and paging devices that would cause a distraction are to be turned off before entering all Symposium sessions



Conference Program at a Glance

Wednesday, April 15

8:00 am-12:00 pm	Out Of The Street And Into The Seat - Sponsored by the South Carolina EMS Association
11:00 am-5:00 pm	Registration Desk Open
1:00 pm-5:00 pm	Eureka! Motor Skill Learning, Evaluation and Competency - Dave Page
5:00 pm	South Carolina EMS Association Meeting
5:30 pm	South Carolina EMS Educators' Association Annual Meeting

Thursday, April 16

9:00 am-2:00 pm	Registration Desk Open
8:30 am-12:30 pm	Medical Control Physicians Workshop - DHEC Staff
10:00 am-10:15 am	Opening Ceremony
10:15 am-11:45am	The South Carolina EMS Data System: How Will It Change Your Life? - Mears, DesChamps & Smith
12:00 pm-1:00 pm	OOPS! Mistakes and Near Misses: What You Don't Know Can Kill You - Dave Page
2:00 pm-5:00 pm	South Carolina Paramedic Championship
5:00 pm-7:00 pm	Wine & Cheese Reception in Exhibit Hall (entry with ticket only)

Friday, April 17

8:30 am-3:00 pm	Registration Desk Open
9:00 am-4:00 pm	Exhibit Hall Open South Carolina Emergency Care Symposium Annual Golf Tournament
9:00 am-10:00 am	A&P: How Does it Apply to Me in EMS? - Dr. Craig Jacobus To Cut or Not to Cut: That is the Question - Mitch Stewart They're Just So Sweet-Children with Diabetes - Gary Wiemokly Impact: MOI From the Beginning to the End - Scott Bolleter
10:30 am-11:30 am	Should I Stay or Should I Go Now.... - Dr. Craig Jacobus IDK, Are You a NOOBIE, or is it TMI: Get the 411 on Stress Free Data Submission - Cindy Raisor Today's Technology or Good Old Assessment - Gary Wiemokly The Chicken or the Egg? What it takes to bring an idea to EMS? - Scott Bolleter
1:00 pm-2:00 pm	How to Outrun the Ambulance Chasers Without Getting a Ticket - Darren Sanders & Nathan Hughey The Miracle of Life...Almost - Chris Ebright The Death of Peanut Butter in America: Allergies and Anaphylaxis - Robert Vroman Bad Bugs-Antibiotic Resistant Bacteria - Ken Navarro
3:00 pm-4:00 pm	What to do if the Ambulance Chasers Finally Catch Up - Darren Sanders & Nathan Hughey Shaken Baby Syndrome - Chris Ebright Get Low-Go Slow: Care of the Pediatric Patient - Dr. Keith Wesley Venomous Bites & Stings - Dr. Jason Stopyra

Saturday, April 18

7:30 am-8:30 am	Sunrise Prayer Breakfast
8:30 am-1:00 pm	Registration Desk Open
9:00 am-12:30 pm	Exhibit Hall Open
9:00 am-10:00 am	In An Instant: Pulmonary Embolism - Chris Ebright Medical Emergencies: The Ultimate Detective Cases - Dan Limmer Understanding the Autonomic Nervous System: Essentials of EMS Pharmacology - Dr. Keith Wesley They Shouldn't be Smurfs! - Robert Vroman
10:45 am-11:45 am	Commotio Cordis: Coming to a Playground Near You - Ken Navarro The Critical Thinking EMT - Dan Limmer Cyanide Poisoning: Not As Rare As You Think - Dr. Keith Wesley One Pill Killers: Do They Really Exist? - Robert Vroman
1:00 pm-2:00 pm	The Golden Hour: Fact or Fiction - Ken Navarro Creative Destruction: How To Improve The Quality Of Your Organization - Mike Grill Hot Topics: EMS Issues in the Literature - Jeff Hinshaw Bruising, Bleeding and Bursting, Traumatic Chest Injuries - Robert Vroman
2:45 pm-3:45 pm	Heat & Cold Emergencies - Dr. Jason Stopyra Crew Resource Management: Staying Safe At Emergency Scenes! - Mike Grill Stop the Bleeding! Trends in Hemorrhage Control and Trauma Resuscitation - Jeff Hinshaw Now I Lay Me Down to Sleep: Case Studies in Suicide - Dan Limmer
6:30 pm	Awards Banquet

Conference Faculty

Scott Bolleter, EMT-P

He is an original member and patent holder with the Vidacare team where he remains the director of education. Scotty retired from his Flight Paramedic position with San Antonio AirLife where he had been flying critical patients for 14 years.

Ed DesChamps, MD

Dr. DesChamps is a well-respected internal medicine physician and currently serves as the SC State Medical Director. Dr. DesChamps is affiliated with Providence Hospital, Palmetto Health Richland, Palmetto Baptist Medical Center and Lexington Hospital.

Chris Ebright, B.Ed., NREMT-P

Mr. Ebright is the lead instructor within the Division of EMS Education at the University of Toledo in Toledo, Ohio. He has been providing medical education for more than 12 years and has extensive experience in the field that ranges from primary EMS response to critical care transportation.

Michael Grill, BS, NREMT-P

Mr. Grill is a Captain/Paramedic with the Sierra Vista Fire Department in Arizona. He has been active in EMS since 1985 and has authored numerous articles for Fire and EMS trade journals and is a frequent speaker at fire and EMS conferences across the country.

Jeff W. Hinshaw, MS, PA-C, NREMT-P

Mr. Hinshaw currently serves as an Assistant Professor for Emergency Medicine and Physician Assistant Studies at the Wake Forest University School of Medicine. Has over 20 years experience in pre-hospital care and is also trained as a technical rescue instructor.

Nathan Hughey

A graduate of the University of South Carolina School of Law, Mr. Hughey has handled numerous complex civil cases, including many wrongful death cases, and he has successfully handled a large number of civil trials. Mr. Hughey the opened the Hughey Law Firm in 2007.

Craig Jacobus, BA, DC, NREMT-P, EMSI

Dr. J, as he is known by his students, has been in EMS as an EMT since 1975, a paramedic since 1977 and a physician since 1983. He is still a firefighter paramedic along with recently accepting a new full time faculty position teaching critical care paramedics and EMS at all levels at Metro Community college in Omaha, NE.

Dan Limmer, EMT-P

Daniel Limmer is an EMT-Paramedic and EMS educator in Maine. He has been involved in EMS and Law Enforcement for more than 28 years and practices as a paramedic with Kennebunk Fire Rescue in Kennebunk, Maine.

Greg D. Mears, MD, FACEP

Dr. Mears is currently an Associate Professor in the Department of Emergency Medicine at the University of North Carolina at Chapel Hill and is the Medical Director for the State of North Carolina and the Executive Director for Emergency Medical Services Performance Improvement Center (EMS-PIC).

Ken Navarro, M.Ed., LP

Mr. Navarro serves as the Continuing Education Coordinator in the Emergency Medicine Education Department at the University of Texas Southwestern Medical Center at Dallas. He provides CE and assists in medical oversight for the BioTel system, a multi-jurisdictional EMS system composed of 14 fire/rescue agencies and more than 1,300 paramedics.

David Page, MS, NREMT-P

Mr. Page is a full time EMS instructor at Inver Hills Community College, and field paramedic for Allina Medical Transportation in the Minneapolis/St. Paul area. He loves to learn, research, explore and improve. Mr. Page has over 20 years of EMS experience because he started running calls when he was in diapers.

Cindy Raisor, RN, BSN, MA

Ms. Raisor is the Project Director for the EMS Performance Improvement Phase 1 and Phase 2 Project in the North Carolina Office of Emergency Medical Services. Cindy has directed this successful three year project and embarked on an implementation phase for two years with NC EMS in July 2007.

Darren Sanders

Mr. Sanders is a graduate of the University of South Carolina School of Law and practices with the Buyck Law Firm, LLC in Charleston. He routinely defends emergency medical service providers across the State in cases alleging medical negligence. Darren's case load focuses on the defense of multi-million dollar claims alleging wrongful death, brain injuries, birth trauma, and catastrophic personal injuries.

Alonzo W. Smith, BA, NREMT-P

Mr. Smith is currently the Director for the Division of Emergency Medical Services & Trauma with the South Carolina Department of Health and Environmental Control. He holds various instructor credentials and is involved in a number of national and state committees involving EMS.

Mitch Stewart, BS, NREMT-P

Mitch has 29 years of emergency services experience. He is a past SC & National Paramedic of the Year. His specialty is extrication, with 21 years of instructing around the country and the Bahamas. He has written published articles on extrication and training outlines. He has taught at fire departments, training academies, colleges and airports and he has also served as a judge for extrication competitions.

Jason Stopyra, MD, FACEP

Dr. Stopyra became a medic in NY in 1994 and has been dedicated to EMS ever since. He is currently a board certified emergency physician at Northern Hospital of Surry County North Carolina and the Medical Director of Surry County Emergency Services.

Robert Vroman, BS, NREMT-P

Mr. Vroman has been involved in all levels of EMS for 17 years working with both rural and urban services. He is currently a member of the Paramedic Education Program faculty at HealthONE EMS in Englewood, CO.

Keith Wesley, MD, FACEP

Dr. Keith Wesley is the Minnesota State EMS Medical Director and is a board certified emergency medicine physician with HealthEast Care Systems in St. Paul Minnesota. He is the EMS Medical Director for HealthEast Medical Transport and is the Chair of the National Council of State EMS Medical Directors. Dr. Wesley is the author of many articles and EMS textbooks and a frequent speaker at EMS conferences across the nation.

Gary E. Wiemokly, MPH, EMT-P, RN, EMS-I

Mr. Wiemokly is the EMS Section Chief for the Connecticut Department of Public Health. He is a patient care provider, educator, administrator, and EMS Coach with over 30 years experience in EMS as a paramedic/firefighter, flight nurse/paramedic, EMS Educator, and EMS Service Director.

Exhibit Hall



The Emergency Care Symposium Exhibit Hall is always packed with an exciting collection of vendors exhibiting and demonstrating the latest in emergency services equipment, apparel, novelties and everything imaginable for the EMS professional. The Exhibit Hall opens on Thursday with a Wine and Cheese Reception from 5:00 pm until 7:00 pm. This annual event provides attendees the first opportunity to view the products and services offered by the many vendors who participate in the symposium. In addition to the wine and cheese, attendees can enjoy delicious finger foods, draft beer and soft drinks while browsing the Exhibit Hall in an informal atmosphere.



EXHIBIT HALL HOURS

Thursday

5:00 p.m.-7:00 p.m.
Wine & Cheese Reception

Friday

9:00 a.m.-4:00 p.m.

Saturday

9:00 a.m.-12:30 p.m.

Preconference Sessions

Wednesday, April 15

Out Of The Street And Into The Seat

Sponsored by the South Carolina EMS Association

8:00 am-12:00 pm

The EMS Leadership Pre-conference will highlight some of the previous programs held at the annual EMS Leadership Conference. EMS Leadership has formed a coalition to attempt to bring together future leaders as well as local and national experts in the field of EMS management, in order to give them tools that they can use every day to assist them in their roles of better and more qualified management. This program, sponsored by the SC EMS Association, shares expertise with "learn from experience" and "hard-to-come by" information along with the tools you will

need to make you a more productive leader. Come and join us for an exciting morning with discussions about the development of your career into future supervisor positions. The final presentation will be "In the Directors Chair" similar to the "Inside the Actors Studio" presenting EMS Director Lanny Bernard of Lancaster County. We know it will be a fun and exciting time!

SC EMS Educators' Association Preconference: Eureka! Motor Skill Learning, Evaluation and Competency

Dave Page

1:00 pm-5:00 pm

How do you determine skill competency? Number of IV or ET attempts? Live OR intubations? New research is teaching us a lot about how and when a student has achieved motor skill competence. This evidence based session will highlight the

research and explore the implications for EMS classrooms and continuing EMS staff quality improvement.

Thursday, April 16

Medical Control Physicians Workshop

DHEC Division of EMS & Trauma

8:30 am-12:30 pm

Presented by the EMS Division of the South Carolina Department of Health and Environmental Control, this half day workshop satisfies the training requirements for all new Medical Control Physicians and also satisfies the recertification requirements for current Medical Control Physicians who have not yet recertified.

EMS Night at Studebakers



Thursday, April 17, 2008

7:30 P.M. - Until

Free Admission with
Conference Name Badge

2000 North Kings Highway
A block away from the Convention Center, within
easy walking distance of the hotel.

Conference Schedule

Thursday, April 16

General Session:

The South Carolina EMS Data System: How Will It Change Your Life?

Dr. Mears, Dr. DesChamps, Alonzo Smith

10:15 am - 11:45 am

This presentation will provide an overview of the SC EMS Data System with a focus on how it will empower the EMS professional on the street and ultimately touch patient's lives. The SC EMS Data System is a group of applications being implemented in South Carolina including the patient care reporting system (PreMIS); the SC Division of EMS & Trauma licensure and certification system (CIS); the SC hospital and EMS status system (SMARTT), and the EMS Performance Improvement Toolkits. This presentation will provide examples of how EMS professionals will use each of the SC EMS Data System applications in their normal daily EMS service delivery and patient care responsibilities. Learn how reports generated from these applications can be used to benchmark EMS Agencies with each other, share information, and identify best practices everyone can use.

General Session:

OOPS! Mistakes and Near Misses. What You Don't Know Can Kill You

Dave Page

12:00 pm - 1:00 pm

Hundreds of thousands of patients are dying each year due to medical mistakes. Is EMS immune to this problem? Can we apply the principles of crew resource management and evidence based medicine to reduce the risk of injuring our patients? We will examine best practices and give practical examples that might save your life!

Friday, April 17

9:00 am - 10:00 am

#101 A&P: How Does it Apply to Me in EMS?

Dr. Craig Jacobus

The same reasons we train physicians, PA's and nurses in anatomy is the very same focus we have for all of EMS. By doing what's right for the patient, we must understand the subtleties of the human body. We are aware of most of it, familiar of some of it but continue to need to master all of it. A&P for EMS provides every EMT with "reasons" why the patient is presenting the way they do to us. The bridge between basic and advanced understanding is pathology. By our continual mastery of A&P we will offer our patients the best as we increase our "list" of possibilities for their ailments/injuries.

#102 To Cut or Not to Cut: That is the Question

Mitch Stewart

Changes in car design have forced rescuers to change their extrication procedures. This session will review hot topics that we face daily in vehicle extrication. Mitch will review new types of glass, airbags of different types, the location of airbag inflators, fuel and electrical systems, side impact bars, types of new metals, and a review of hybrid vehicles. Safe approaches and scene safety will be covered. If your department provides extrication this class is a must see!

#103 They're Just So Sweet-Children with Diabetes

Gary Wiemokly

The number of children with diabetes seems to be on the rise, which increases the chances EMS will be responding to those pediatric patients. This class reviews pathophysiological factors, diet, activity levels, current

medications, interventions and assessment tips. Attendees will gain insight into the importance of a complete assessment of the diabetic child and leave with a better understanding of emergency treatment choices.

#104 Impact – MOI From Beginning To The End

Scott Bolleter

It's more than a second look at the accident scene – its defining scene assessment while casting a larger net for information. Impact understanding can change the treatment course or modify priorities but it only happens if you take the next step. This high velocity presentation will offer you the missing link and critical clues left out of that old "Mechanism of Injury lecture".

10:30 am - 11:30 am

#201 Should I Stay or Should I Go Now...

Dr. Craig Jacobus

EMS is ever changing and "time" has continued to play a positive role as well as being one of our "demons." The program offers discussion thru cases and sound explanations of why time works with/against us. Our knowledge of the patients' needs

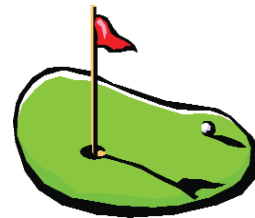
as well as our capabilities in the field will provide us with the skills to be accomplished in a short period of time, treating "on the run", but never, never ever going back to "scoop and haul." Trauma and medical patients expect the best and EMS will give them the best knowing when we have "time" to complete our work on scene and when we need to "fly and try" for the good of the patient.

#202 IDK or Are You a NOO-BIE, or is it TMI: Get the 411 on Stress Free Data Submission

Cindy Raisor

A panel of experts from SC Division of EMS & Trauma along with the EMS Performance Improvement Center will provide advice, news and tips for SC EMS agencies to successfully submit EMS data. There is no reason to throw up your hands and say IDK (I don't know), even if you are a NOO-BIE (a newcomer) to electronically sending EMS data. Nothing is off limits!!!! Participants can ask questions and voice concerns. This panel of experts will be ready to answer all your questions, whether it's regulatory, techno related or otherwise. In this session there is no such thing as TMI (too much information).

SOUTH CAROLINA EMERGENCY CARE SYMPOSIUM ANNUAL GOLF TOURNAMENT



Friday, April 17, 2009

Shotgun Start - Captain's Choice

Golf Tournament registration forms and information about sponsorship opportunities can be obtained at www.scem-network.org or from the SC EMS Association by calling the SC EMS Association at 803-309-2400.

Conference Schedule

#203 Today's Technology or a Good 'ol Assessment, What Gives?

Gary Wiemokly

It seems as if with each that week that passes new technology finds its way into the back of the ambulance and becomes the "new vogue" in patient care. Do we really need all this technology? How does some of this patient technology compare with a good patient assessment? Does it really enhance what we are doing? Does it add value? Can there be false negatives or false positives with its use? This presentation will explore these and other questions as related to patient assessments and current technological advancements. Join Gary in this interactive presentation and be prepared to return the human touch to technology.

#204 The Chicken or the Egg? What it takes to bring an idea to EMS?!

Scott Bolleter

There's a new EMS product on the supply room shelf – how did it get there? You've got an idea that will revolutionize medicine and change our approach to patient care. What will it take to make it a reality? These questions affect every patient we encounter yet few of us have an understanding of the process or why it matters. From concept to patent through regulatory approval and production the process thickens. Your understanding, insight and involvement could save countless lives – come learn what it takes to change the world.

1:00 pm - 2:00 pm

#301 How to Outrun the Ambulance Chasers Without Getting a Ticket

Darren Sanders & Nathan Hughey

Issues commonly leading to litigation for EMS personnel along

with the importance of thoroughly documenting patient care will be discussed. The attorneys will discuss how they evaluate whether or not a potential claim is worth pursuing and will discuss how you can begin to refine your defense from the moment of an incident.

#302 The Miracle of Life...Almost

Chris Ebright

Luckily, most pre-hospital deliveries involve a catch, suctioning and warming the newborn. Sometimes though, Murphy's Law gets in the way - resulting in a complicated birth process. Topics including placenta previa, abruptio placenta, shoulder dystocia, CPD and breech birth are explained in this not-always-necessary-but-essential-to-know presentation.

#303 The Death of Peanut Butter in America: Allergies and Anaphylaxis

Robert Vroman

Although we may all see severe allergic reactions in our career, it is rare that we will see true anaphylaxis. This presentation will differentiate the two and how treatment will differ. The pathophysiology of each will be discussed including the role of the immune and inflammatory systems. The antigen – antibody relationship, various types of antibodies, and primary and secondary responses will be reviewed in detail. Common allergens, the role of the MHC and self-recognition will be presented.

#304 Bad Bugs-Antibiotic Resistant Bacteria

Ken Navarro

At some point in your career, you may have to care for a patient infected with antibiotic-resistant bacteria. These bacteria are widespread and because of the increased use of antibiotics, EMS may expect an increase in both incidence and prevalence.

Once infected, eradication becomes very difficult and complicated. Pre-hospital care providers must understand how to protect themselves and their patients from contamination.

3:00 pm - 4:00 pm

#401 What to do if the Ambulance Chasers Finally Catch Up

Darren Sanders & Nathan Hughey

From the filing of the Complaint, through the deposition process and trial, this session will provide an overview of what happens if your agency is sued. The attorneys will provide suggestions for preparing for and giving deposition and trial testimony. Suggestions will also be made as to how to coordinate the defense of a lawsuit with the attorney hired on your behalf.

#402 Shaken Baby Syndrome

Chris Ebright

We all have heard at one time or another "never, ever shake a baby." Unfortunately, when it happens, EMS providers are the first to encounter what is usually a bad situation. Pathophysiology, signs and other issues relating to this terrible event are explained in this presentation that is not for the faint of heart.

#403 Get Low-Go Slow: Care of the Pediatric Patient

Dr. Keith Wesley

While some of our adult patients may act like small children our pediatric patients are not small adults. To be successful in assessing pediatric emergencies creative approaches must be taken based on our patient's abilities to understand us. Join Dr. Wesley as we review the pediatric growth and development and he passes on his lessons learned in treating the ill child. We will learn how to use the Pediatric Assessment Triangle to prioritize the severity of a sick

child's presentation and develop strategies to deal with the emotional impact of treating the seriously ill and injured child. Through a better understanding of the emotional and physical requirements of the child with special needs you will be better prepared to deal with them.

#404 Venomous Bites & Stings

Dr. Jason Stopyra

Learn to identify, assess, treat & transport envenomation emergencies. Learn to identify poisonous vs. non poisonous snakes and understand where specific patients should be transported and what will happen in the Emergency Department.

Saturday, April 18

9:00 am - 10:00 am

#501 In An Instant: Pulmonary Embolism

Chris Ebright

This presentation discusses various causes, signs/symptoms and pathophysiology of a pulmonary embolism. It is centered on an actual EMS call involving a former partner and good friend that passed away suddenly from a PE.

#502 Medical Emergencies: The Ultimate Detective Cases

Dan Limmer

Medical emergencies are the ultimate detective case. Unlike trauma calls where the hands-on exam provides most of the information, medical emergencies require detailed history taking and clinical thinking to get to the cause of the emergency—and provide the appropriate care. Using a case study approach, this presentation will relate clinical findings to appropriate patient care for a variety of medical emergencies.

Conference Schedule

#503 Understanding the Autonomic Nervous System: Essentials of EMS Pharmacology

Dr. Keith Wesley

Too many EMS providers view the autonomic nervous system as a blur of contrasting actions and reactions with too many feedback loops to memorize. However, almost every medication used in EMS works through its effect on the autonomic nervous system. Dr. Wesley will take away the mystery and confusion of this vital component of human physiology and provide you the key points to remember.

#504 They Shouldn't be Smurfs!

Robert Vroman

Blue may be a good color for Smurfs, but not for your patients. This presentation will review the anatomy, physiology, patient presentation, and treatment of respiratory emergencies commonly seen in the pre-hospital setting. The use of oxygen saturation and continuous waveform capnography as diagnostic tools

and evaluations of treatment will be discussed, as well as how they relate to acid-base balance and other lab values.

10:45 am - 11:45 am

#601 Commotio Cordis: Coming to a Playground Near You

Ken Navarro

Although once thought to be rare, commotio cordis is being reported with increasing frequency. Reports suggest it is the second leading indirect cause of death in young athletes in the United States. The instantaneous nature of the associated cardiac arrest contributes to the shock of the event and survival rates have remained uniformly low. This presentation will examine the magnitude of this problem and offer some prevention strategies which may be implemented at a local level.

#602 The Critical Thinking EMT

Dan Limmer

Critical Thinking is more than a

buzzword—it is a personal commitment to performing quality patient assessment and care. Critical thinking fuels appropriate decision-making at any level of EMS care. This presentation defines critical thinking and decision-making and helps new and experienced providers bring these concepts into field practice.

#603 Cyanide Poisoning: Not As Rare As You Think

Dr. Keith Wesley

Cyanide is a component of most fires and has probably been confused with carbon monoxide poisoning. The traditional treatment of cyanide has included cumbersome and difficult to administer medications that actually worsen the condition of a patient also poisoned with carbon monoxide. Dr. Wesley will review the current literature indicating that cyanide poisoning is under recognized and goes untreated. He will review the available therapies and the promise of new methods to detect its presence.

#604 One Pill Killers: Do They Really Exist?

Robert Vroman

The concept of medications or toxic substances that can kill the pediatric patient with one pill, or one dose strikes fear into the heart of many. In this session we will explore the agents that can indeed cause significant outcome, as well as the care actions that can be taken in the pre-hospital setting that will have dramatic impact patient outcome.

1:00 pm - 2:00 pm

#701 The Golden Hour: Fact or Fiction

Ken Navarro

EMS providers have grown up with the concept of the "Golden Hour", a term used to describe the urgency of care that must be provided to trauma victims. The term implies a magical period after which morbidity and mortality from traumatic injury is increased if not treated promptly. But, does the "Golden Hour" really exist? This presentation discusses a detailed literature and historical record search for support of the "Golden Hour" concept.

South Carolina Paramedic Championship

Thursday, April 16, 2009, 2:00 PM Myrtle Beach Convention Center

One of the highlights of the Emergency Care Symposium is the annual competition to determine the South Carolina Paramedic Champions. Last year, Thomas Robinson and Kelly Snipes of Lancaster County EMS were the winners in a complicated mass shooting scenario. The Paramedic Championship features professional actors and elaborate set design in the arena-like atmosphere of the spacious Myrtle Beach Convention Center. Don't miss out on the action!



Conference Schedule

#702 Creative Destruction: How To Improve The Quality Of Your Organization

Mike Grill

This is designed for emergency service managers and discusses 4 steps that any agency could – and should – follow in order to achieve organizational excellence. Real-life examples from agencies that have been successful following this process are used to illustrate each concept. Attendees will leave with several simple yet highly effective tools to take back to their organizations allowing their organization to move effectively toward its strategic intent.

#703 Hot Topics: EMS Issues in the Literature

Jeff Hinshaw

This presentation will provide an open forum for current trends and topics in EMS that have been recently studied in the literature world. Do we really know something works or is it we ‘think’ it works? Come look at what research is showing about EMS and how this may affect our services in the future.

#704 Bruising, Bleeding and Bursting, Traumatic Chest Injuries

Robert Vroman

“Hot lights and cold steel” is a common phrase used when referring to the treatment of trauma. However the pre-hospital recognition and treatment of traumatic injuries is often the key to delivering a viable patient to the surgeon. In this session we will explore the pathophysiology, presentation, and treatment of various thoracic injuries, and discuss how the pre-hospital provider can deliver a patient with the best chance of survival to the surgeon.

2:45 pm - 3:45 pm

#801 Heat & Cold Emergencies

Dr. Jason Stopyra

This session will help identify, assess & treat heat and cold related emergencies in field. At the completion of this session the audience will have a better understanding of how appropriate field treatment can make a difference in the care that the patient receives in the Emergency Department.

#802 Crew Resource Management: Staying Safe At Emergency Scenes!

Mike Grill

As an emergency service provider, your situational awareness of what is going on – with you, your crew, and your patient – is absolutely critical to provide the very best patient care. Mistakes do not, never have, and never will cause injury or harm to us or our patients. What DOES cause us harm are the CONSEQUENCES OF THOSE

MISTAKES! This presentation focuses on the concept of situational awareness, a component of crew resource management taught to all commercial aviation personnel in the event of an in-flight emergency. Translated into the emergency medical environment, situational awareness not only keeps us safe, but dramatically improves our patient care. We should never allow complacency, poor communication, distractions, or losing sight of the ‘big picture’ to harm us – or our patients.

#803 “Stop the Bleeding!” A Review of Trends in Hemorrhage Control and Trauma Resuscitation

Jeff Hinshaw

Seems simple enough...direct pressure, elevation, pressure point...but what about that tourniquet? Should we use it or not? What other options are available to us to stop the bleeding? IV fluids, blood products, blood pressure...are they important to resuscitation efforts both in the hospital and in the field?

Do they make a difference in the field? Come prepared to discuss your thoughts on prehospital trauma care.

#804 Now I Lay Me Down to Sleep: Case Studies in Suicide

Dan Limmer

Calls involving suicide or attempted suicide are challenging calls for any level of EMS provider. While the medical care of the patient is usually clear cut, the psychiatric emergency care is less concrete, leaving EMS providers feeling unsure of the right thing to do. This presentation uses actual case studies to examine the physical and psychological aspects of suicide and attempted suicide. Risk factors, suicide plans, repeat suicide attempts, and the treatment for suicidal patients will be discussed. At the completion of this program the participant will have a greater understanding of the mindset of the suicidal patient which will ultimately lead to improved patient care.

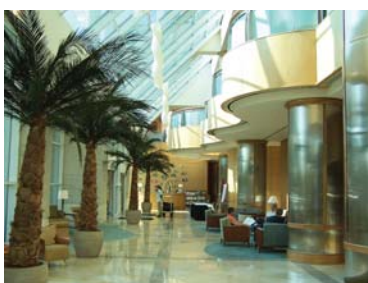
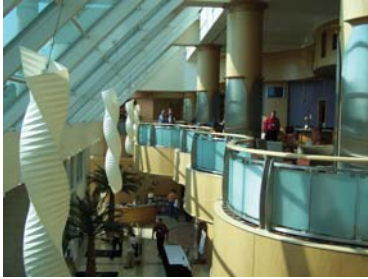
Awards Banquet

The Emergency Care Symposium culminates each year with the Awards Banquet. Following dinner, awards are presented to those EMS professionals who have distinguished themselves during the previous year. The highlight of the evening will be the announcement of the 2009 South Carolina Paramedic Champions. Nomination packets are available from the DHEC Division of EMS & Trauma, 803-545-4204. Nominations will be solicited for the following categories until February 20, 2009:

- Basic EMT of the Year
- Intermediate EMT of the Year
- Paramedic of the Year
- EMS Director of the Year
- Small EMS System of the Year
- Large EMS System of the Year
- Emergency Nurse of the Year
- Medical Control Physician of the Year
- Curtis P. Artz, MD, Memorial Award
- Warren D. McBride Memorial Award
- Telecommunicator of the Year
- SCCEP Award for Excellence in EMS
- Jack S. Niles, MD, Award for Excellence in EMS Education
- PIER Award for Public Information and Education in EMS



Conference Hotel



Sheraton Myrtle Beach CONVENTION CENTER HOTEL



Welcome to the Sheraton Myrtle Beach Convention Center Hotel, Myrtle Beach's premier hotel.

Our hotel is conveniently attached to the Myrtle Beach Convention Center, offering a combined total of 200,000 square feet of conference space. We are also only 10 minutes from Myrtle Beach Airport.

Situated in Myrtle Beach's central business district, we are within steps of all Myrtle Beach has to offer. Sunbathe, stroll, swim, or fish on the wide beaches of the Atlantic Ocean. Or enjoy unique shopping, casual dining, a variety of attractions, and exciting nightlife at Broadway at the Beach. Coastal Grande Mall, one of South Carolina's newest and largest shopping complexes, is just 10 minutes away. Myrtle Beach's finest golf courses are within a 10-minute drive as well.

After an exciting day of activity, relax in our first-class hotel where friendly service and a contemporary design await you. Enjoy dinner in Vidalia's Restaurant or an afternoon cocktail at M-Bar, offering complimentary wireless High Speed Internet Access. Find total comfort in our 402 spacious guest rooms between the seven-layer feather bedding. Stay connected to those at home or at work using the High Speed Internet Access.

The best of Myrtle Beach is just outside your door at Sheraton Myrtle Beach Convention Center Hotel.

Sheraton Myrtle Beach Convention Center Hotel Room Rates

Before March 16, 2009

Standard Room

\$132.00 Single/Double Occupancy
\$142.00 Triple Occupancy
\$152.00 Quadruple Occupancy

Oceanview Room

\$152.00 Single/Double Occupancy
\$162.00 Triple Occupancy
\$172.00 Quadruple Occupancy

After March 16, 2009

Standard Room

\$249.00 Single/Double Occupancy
\$259.00 Triple Occupancy
\$269.00 Quadruple Occupancy

Oceanview Room

\$269.00 Single/Double Occupancy
\$289.00 Triple Occupancy
\$309.00 Quadruple Occupancy

Rates are guaranteed only until March 16, 2009. Rates are subject to availability and occupancy after March 16

For reservations call the hotel directly at 843-918-5000 or call 1-800-325-3535 if unable to make direct contact and request SC EMS Symposium rates.

Reservations must be made by March 16, 2009, to receive the discount rates.

These Rates Are Available: **April 14-18, 2009**

Conference Registration

South Carolina Emergency Care Symposium
April 15-18, 2009



How To Register

1. Use one form for each individual. You may make photocopies if necessary.
2. Clearly print or type all information. This information will be used to print your name badge.
3. Indicate which pre-conference sessions you would like to attend.
4. Indicate which main conference sessions you will be attending.
5. Indicate your "T" Shirt size.
6. Write in which registration you will be paying.
7. Make checks payable to SC EMS Network, Inc.
8. Completed payment forms can be sent in one of the following methods:
 - A) SC EMS Network, Inc. 1016 East Montague Avenue, North Charleston, SC 29405
 - B) Fax your registration form with your credit card information to (843) 529-0460
 - C) Download a registration form online at www.scemsnetwork.org and fax or mail as aboveFor additional information, please call (843) 529-0977

Cancellation Policy - There will be NO REFUNDS or cancellations made after March 16, 2009 and substitutions will be at the sole discretion of the SC EMS Network, Inc. No registrations will be accepted by mail after April 10, 2009

Last Name _____ First Name _____
Organization _____
Address _____ City _____ State _____ Zip _____
Professional Title _____ Email Contact _____
Telephone # (H) _____ (W) _____ (Cell) _____

Check here if you prefer not to have your registration information shared with conference vendors.

Pre-Conference Registration

- Out Of The Street And Into The Seat - \$25 (SC EMS Association Members Free) \$ _____
 Eureka! Motor Skill Learning, Evaluation and Competency - \$25 (SC EMS Educators' Association Members Free) \$ _____
 Medical Control Physician Workshop - No Charge

Main Conference Registration

- Full Conference Registration - \$135 (\$185 if postmarked after March 16, 2009) \$ _____
 Single Day Registration* - Circle Day in Box - \$75 (\$95 if postmarked after March 16, 2009) \$ _____
* Single day registration does NOT include tickets for Wine & Cheese Reception or Awards Banquet
 Wine & Cheese Reception Pass - \$10 (included with Full Conference Registration) \$ _____
 Awards Banquet Extra Ticket - \$35 (one ticket included with Full Conference Registration) \$ _____

TOTAL ENCLOSED \$ _____

Please Register me for the Following Sessions

- | | | | | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <input type="checkbox"/> 101 | <input type="checkbox"/> 201 | <input type="checkbox"/> 301 | <input type="checkbox"/> 401 | <input type="checkbox"/> 501 | <input type="checkbox"/> 601 | <input type="checkbox"/> 701 | <input type="checkbox"/> 801 |
| <input type="checkbox"/> 102 | <input type="checkbox"/> 202 | <input type="checkbox"/> 302 | <input type="checkbox"/> 402 | <input type="checkbox"/> 502 | <input type="checkbox"/> 602 | <input type="checkbox"/> 702 | <input type="checkbox"/> 802 |
| <input type="checkbox"/> 103 | <input type="checkbox"/> 203 | <input type="checkbox"/> 303 | <input type="checkbox"/> 403 | <input type="checkbox"/> 503 | <input type="checkbox"/> 603 | <input type="checkbox"/> 703 | <input type="checkbox"/> 803 |
| <input type="checkbox"/> 104 | <input type="checkbox"/> 204 | <input type="checkbox"/> 304 | <input type="checkbox"/> 404 | <input type="checkbox"/> 504 | <input type="checkbox"/> 604 | <input type="checkbox"/> 704 | <input type="checkbox"/> 804 |

Single Day Registration (circle one)

Thursday Friday Saturday

"T" Shirt Size

M L XL XXL

PAYMENT METHOD

Attached payment - Check # _____ (payable to SC EMS Network, Inc.) Amount \$ _____
Please bill my Visa MasterCard / Credit Card # _____ Exp _____
Cardholder's Billing Address _____
Name as it appears on card _____ Authorized signature _____

SC EMS Network, Inc.
1016 East Montague Avenue
North Charleston, SC 29405

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Early Bird Registration

Now until March 16, 2009

Full Conference Registration \$135
Single-day Registration \$75

If Postmarked after March 16, 2009

Full Conference Registration \$185
Single-day Registration \$95



For more information log on to:

www.scemsnetwork.org

SC EMS Network: Upstate EMS Council, Pee Dee Regional EMS, Inc.,
SC Midlands EMS Management Association, DHEC Division of EMS & Trauma,
Lowcountry Regional EMS Council, Inc. SC EMS Association,
SC College of Emergency Physicians,
SC EMS Educators Association

