

2014 Citizens CPR Foundation Emergency Cardiac Care Update Pre-Conference Workshop

**BETTER ENSURING THE CHAIN OF SURVIVAL
AND RECOVERY IN YOUR COMMUNITY:
A Gathering of Eagles Workshop**

Tuesday, June 3rd 2014

Las Vegas, Nevada

**Former Surgeon General's Warning: Do not set the following times in stone (or any other material). The "Eagles" (the Discussion Facilitators) notoriously do not run on time and are often ahead of schedule despite valiant past efforts by some errant faculty members to run over. Also, if you are elderly (definition = anyone 15 years older than yourself), have uncontrolled high blood pressure, or are subject to vertigo, dizziness, heart disease or are prone to take yourself too seriously or if you are offended easily (or if you easily offend others), you may not want to attend this conclave.*

**8:00 am: REGISTRATION, MATERIAL PICK-UP,
V.I.P. WELCOMES and ORIENTATION**

5:00 pm: Adjournment

Objectives:

At the end of the session, the audience participants will:

- 1. Be able to understand the value of targeted, accurate data collection in an EMS system and be able to catalog several of the resulting improvements emergency cardiovascular care (ECC) resulting from the data, including the direct clinical and financial impacts of various new interventions, the concomitant relative safety of therapeutics, and establishment of new benchmarks beyond cardiac arrest survival.**
- 2. Appreciate and recite some of the pro and con nuances of novel approaches to ECC including emergency cardiac care for children, new perspectives on therapeutic cooling and ultrasound in resuscitation attempts in cardiac arrest cases and a renewed focus on drowning and stroke in children and difficulties in stroke triage.**
- 3. Comprehend some of the sociological, economical, quality and ethical concerns in new approaches to setting up ECC systems.**
- 4. Be able to list at least 10 new innovations being explored by jurisdictional medical directors from the nation's highest-volume EMS systems including sweet spots in CPR and "pit-crew" approaches to STEMI as well sedation in cardiac care.**

Session One:

8:00 am: Opening Session: Cognitive Roadmap for the Day

Educational Survey and Discussion

8:15 am: First Didactic Session – Some Evolving Practices in EMS

- 8:15-8:25 am **Cardiac Mechanics:**
The Pit Crew Approach to STEMI Re-visited
Andrew J. (Drew) Harrell, MD (Albuquerque)
- 8:30-8:40 am **Stemming STEMI Mortality:**
The Impact of a Comprehensive Heart Attack Coalition
Raymond L. Fowler, MD (Dallas)
- 8:45-8:55 am **To Cool or Not to Cool:**
Navigating the Latest Data on Therapeutic Hypothermia
J. Brent Myers, MD. MPH (Raleigh)
- 9:00-9:10 am **Cooling Off in the Desert!**
Therapeutic Hypothermia Techniques in Las Vegas
David E. Slattery, MD (Las Vegas)
- 9:15-9:25 am **Underwater Demography, Geography and Chronology:**
The Epidemiology of Pediatric Drowning Events
Paul E. Pepe, MD. MPH (Course Director)
- 9:30-9:40 am **Submersion Therapy:**
Current Practices in Managing Pediatric Drowning
Peter M. Antevy, MD (GBEMDA President)

9:45-10:00 am TAKE a 900 Second BREAK !!!

- 10:00-10:30 am **Lightning Rounds**
A Facilitated Q & A Session on Evolving Practices

Session Two:

10:30 am: Second Didactic Session – *Advancing Emergency Cardiac Care*

- 10:30-10:40 am **It's Not Easy Weighing the Scales:**
The Problem with Various Stroke Triage Tools
Raymond L. Fowler, MD (Dallas)
- 10:45-10:55 am **It's Not Just Small Talk!**
The Chain of Recovery for Pediatric and Adult Stroke Care
Peter M. Antevy, MD, (GBEMDA President)
- 11:00-11:10 am **It's Not Beyond the Shadow of a Heart:**
Point of Care Ultrasound in Cardiac Resuscitation
Andrew J. (Drew) Harrell, MD (Albuquerque)
- 11:15-11:25 am **It's Not Over Till It's Over:**
Re-Considering When to Terminate Resuscitation Efforts
J. Brent Myers, MD. MPH (Raleigh)
- 11:30-Noon **It's Really Not Such a Bad Concept:**
The Resuscitation Quality Improvement (RQI) System
Paul E. MD. MPH and David E. Slattery, MD

Noon - 1:15 pm *LUNCH BREAK*

Session Three:

1:30 pm: Third Didactic Session – *Shifting Paradigms*

- 1:30-1:40 pm **The Next 10,000 Resuscitations:**
A Renewed Effort at Bystander CPR
Raymond L. Fowler, MD (Dallas)
- 1:45-1:55 pm **Sweet Spots, EBM and Device Advice:**
Why Research is Re-Search
Paul E. Pepe, MD, MPH (Course Coordinator)
- 2:00-2:10 pm **Checking the Checklist Part I:**
2014 Ways to Manage OOH Resuscitation "By the Book"
Andrew J. (Drew) Harrell, MD (Albuquerque)

- 2:15-2:25 pm **Checking the Checklist Part II:
Impacting In-Hospital Resuscitation “By the Book”
J. Brent Myers, MD. MPH (Raleigh)**
- 2:30-2:40 pm **Don't Give It a Second Thought!
Impacting Resuscitation with System I Thinking
Peter M. Antevy, MD, (GBEMDA President)**
- 2:45-2:55 pm **Anxiolysis for the Cardiac Care Provider
Easy Choices for Sedation in Emergency Care
Christopher B. Colwell, MD (Denver)**
- 3:00-3:15 pm TAKE a 900 Billion Nanosecond BREAK !!!**

- 3:15-3:45 pm **Lightning Rounds
*A Facilitated Q & A Session on New Challenges***

Session Four:

3:45 pm: Fourth Didactic Session – Making Practice Perfect

- 3:45-3:55 pm **No Compression CPR:
The Role of EMS in Lung Transplant Surgery
J. Brent Myers, MD. MPH (Raleigh)**
- 4:00-4:10 pm **Taking It on the QT:
What are the Cardiac Effects of Sedation Practices?
Christopher B. Colwell, MD (Denver)**
- 4:15-4:30 pm **Shocking Results:
Delivering Defibrillation Attempts in O₂ Rich Environments
David E. Slattery, MD (Las Vegas)**
- 4:30-5:00 pm **Lightning Rounds
*A Facilitated Q & A Session on New Challenges***

5:00 pm Adjourment for 2014 !!!

ROSTER OF DISCUSSION FACILITATORS:

City of Raleigh:

J. Brent Myers, MD, MPH – Director, Raleigh / Wake County EMS System, Raleigh NC; and Adjunct Assistant Professor of Emergency Medicine at the University of North Carolina, Chapel Hill, NC

City of Denver:

Christopher B. Colwell, MD – Medical Director, City of Denver EMS; Associate Professor of Emergency Medicine, University of Colorado School of Medicine; Director of Emergency Services, Denver Health Medical Center, Denver, CO

City of Dallas:

Raymond L. Fowler, MD – Operations Medical Director, Dallas County Metropolitan BioTel (EMS) System; Professor of Surgery/Emergency Medicine and Chief, Section of EMS, Homeland Security and Disaster Medicine, the University of Texas Southwestern Medical Center and the Parkland Emergency Trauma Center, Dallas, TX

City of Las Vegas:

David E. Slattery, MD – Deputy Chief and EMS Medical Director Las Vegas Fire and Rescue, Associate Professor and Director of Research for the Department of Emergency Medicine at the University of Nevada School of Medicine, Las Vegas, NV

City of Albuquerque:

Andrew J. Harrell, MD – EMS Medical Director, Albuquerque Fire Department, Medical Director New Mexico Task Force I (USAR) and TEMS Physician Bernalillo County Sheriff's Department; Assistant Professor, Emergency Medicine, University of New Mexico, Albuquerque, NM

Greater Broward EMS Medical Directors Association (GBEMDA):

Peter M. Antevy, MD – EMS Medical Director, Davie Fire Department, Davie FL and President, Greater Broward EMS Medical Directors Association, Broward County, Florida.

Course Coordinator:

Paul E. Pepe, MD, MPH – Director, City of Dallas Medical Emergency Services (for Public Safety, Public Health and Homeland Security); Medical Director, Dallas County Metropolitan BioTel (EMS) System; Professor of Medicine, Surgery, Pediatrics, Public Health and Chair, Emergency Medicine, the University of Texas Southwestern Medical Center and the Parkland Health and Hospital System, Dallas, TX