

EMS TRACK

Medically Directing, Protecting and Resurrecting EMS: *Current Challenges, Proposed Solutions and Vision for the Future*

A Bulleted Day-Long Biopsy of What Some Thoughtful Thought Leaders from Major Cities Have Been Discussing about Prehospital Emergency Care, Street-Wise Procedures, Transfer of Care to the Emergency Department and Evolving Interventions to Improve the Chain of Survival and Recovery

PROGRAM AGENDA



EMS STATE OF THE SCIENCE: A Gathering of Eagles



Monday September 30th 2024
ACEP Scientific Assembly

Mandalay Bay Conference Center
Clark County (Las Vegas) Nevada



Monday Morning, September 30, 2024

7:35 am: **Course Registration and Pre-Test**

8:00 am: **Course History, Philosophy, Overview and Cognitive Roadmap for the Day**
Paul E. Pepe, MD, MPH (Troupe Coordinator and Band Front Man)

Mass Gathering Medicine, MCIs and Tactical Response

Evolution of Event Medicine, Active Shooter Response and Future Considerations

8:10-8:20 am **It Ain't Over Till It's Over:**
*What Are the Evolving Trends in Active Shooter
and Mass Gathering Terrorist Events ?*
Dr. Paul Pepe (Dallas)

8:25-8:40 am **Deciphering a Disproportionate Disaster:**
How Did the Clark County Route 91 Harvest Festival Change the Rules?
Dr Kelly Morgan (Las Vegas) and Other Local Talent

- 8:45-8:55 am **Distinguishing While Extinguishing**
Are We Facing an Active Violence Event or an Unintentional MCI ?
Dr Rob Lowe (Columbus)
- 9:00-9:10 am **Tackling the Tactics for Tactical Response**
What Are Evolving Considerations in Special Operations Medicine ?
Dr Dustin Calhoun (Cincinnati)
- 9:15-9:25 am **Medically Managing Mass Gatherings Masterfully**
Introducing the Seminal Textbook on the Evolving Discipline
Dr Bill Brady (Charlottesville)
- 9:25-9:45 am **Panel on Special Operations and Mass Gathering Medicine**
Interesting Inquires During Interactive Interviews with the Audience
Facilitators Du Jour

Advances in Managing the Drama of Trauma

What's the Latest Topics Prehospital Care, Transfusions, TXA & Calcium Infusions?

- 9:45-9:55 am **Lowering the Boom on Boomer Injury**
What Defines Geriatric Trauma and How Different Should Elderly Care Be?
Dr Chris Colwell (San Francisco)
- 10:00-10:10 am **When Leviticus Met EMS:**
What's the Latest in Justifying Use of Blood in the Field?
Dr Don Jenkins (San Antonio)
- 10:15-10:25 am **The Two-Year Fare of Bleeding Care:**
What Did We Learn in OKC about Prehospital Transfusion?
Dr Jeff Goodloe (Oklahoma City and Tulsa)
- 10:30-10:50 am **Beyond Binary Thinking:**
Basic Considerations in Patients with Severe Hemorrhage Including
What's the Proper Timing and Rationale for TXA and Calcium?
Dr Paul Pepe (Broward and Palm Beach Counties, FL)
- 10:50-11:25 am **Panel on Hemorrhagic States**
Interesting Inquires Involving Interactive Interviews with Intrinsic Inhabitants
Facilitators Du Jour and Friends

New Refrains on Maintaining and Regaining Brains:

What's the Latest on Procedures for Stroke and Seizures in Adults and Kids

- 11:30-11:40 am **Cerebrovascular Accidents Are Always Waiting to Happen**
What Options are Evolving for Identifying and Managing Strokes
Dr Robert Dunne (Detroit)
- 11:45-Noon **Seizing Seizures Systematically**
What Options are Evolving for Managing Seizures in Adults and Kids
Dr Paul Pepe (Palm Beach County)
Dr. Joelle Donofrio-Ödmann, DO (San Diego)
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Noon- 12:45 pm **Lunch Break**



Monday Afternoon, September 30, 2024

Handling Hazardous Happenings More Handily

What's the Latest in Haz-Mat and Fire Ground Incident Assessment and Treatment ?

- 12:55-1:05 pm **Where's There's Smoke, There's Fire (and Other Chemicals)**
Is There an Evolving Role for Special Technology & Meds in Fire Casualties?
Dr Rob Dunne (Detroit)
- 1:10-1:20 pm **Poisoned and Pathologic Pathways**
What's the Decision-Making In Haz-Mat Incidents incl. Threats to EMS and ED?
Dr Jim Augustine (Lee County, FL)

Heads-Up on Neuroprotective Management of Cardiac Arrest

What's the Latest on Procedures to Lower ICP and Amplify Flow in Resuscitation?

- 1:25-1:35 pm **Overcoming the Physiological Limitations of Traditional CPR**
Can We Finally Attain Neuro-Intact Survival for Non Shockable Cardiac Arrests?
Dr Paul Pepe (Dallas County)
- 1:40-1:50 am **CPC-2 in the Rear-View Mirror**
Is "Neuroprotective CPR" Actually Bettering Cardiac Arrest Neuro Outcomes?
Dr Jeff Goodloe (Oklahoma City and Tulsa)
- 1:55-2:00 pm **Overcoming the Physiological Limitations of Traditional CPR**
What Are the Larger Implications of the Heads-Up CPR Studies?
Dr Chris Colwell (San Francisco)

The EMS – ED Interface: Economics, Risks and Wake-Up Calls

What Are We Missing and Why We Should Care About the Transition from EMS to ED

- 2:05-2:20 pm **Up Against the Wall, EMS'ers !**
What Are the Economics of Ambulance Ramping & Delaying Transfer of Care?
Dr. Jeff Goodloe (Oklahoma City and Tulsa)
Dr. Joelle Donofrio-Ödmann (San Diego)
Dr. Mick Molloy (Dublin)
- 2:25-2:40 pm **How Many Stakeholders Does it Take?**
(to Change the Perpetuated Perennial Pattern)?
What Liabilities Are Created in Responding to High-End EMS Utilizers?
Any New Solutions Either Here and Abroad ?
Dr. Joelle Donofrio-Ödmann, DO (San Diego)
Dr. Jeff Goodloe (Oklahoma City and Tulsa)
Dr. Mick Molloy (Dublin)
- 2:45-2:55pm **Gone -- But Soon Not To Be Too Forgotten**
What's the Concern When Critical EMS Findings Seem Resolved by ED Arrival?
Dr Chris Colwell (San Francisco)
- 3:00-3:10 pm **Shark Attack (and Other Einthovenic Trickery)**
What Are Some of the ECG Tracing Presentations That Might Fool Ya ?
Dr. Amal Mattu (Maryland, USA)
- 3:15-3:25 pm **Caring About Continuity of Care:**
How Often is Prehospital Information and Data Conveyance
Being Significantly Delayed --- or Missed Altogether ?
Dr. Joelle Donofrio-Ödmann, DO (San Diego)
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- 3:30-3:40 pm **The Matrix of Metropolitan Medical Mavens**
How Has the Coalition of Large City EMS Medical Directors
Affected You and Your Community in Recent Years?
Dr. Jim Augustine (Eagles Librarian Extraordinaire)
Dr. Sandra Schneider (ACEP SVP / Interim Exec Dir)
Dr. Jeff Goodloe (ACEP Board)
- 3:40-4:30 pm **Open-Access and Praxis About Prehospital Care Practice**
Interactive Lightning Rounds with the Audience
Facilitators Du Jour
- 4:30-4:45 pm **Taking Post-Test with the Rest and Hoping for the Best**
Dr. Pepe and Audience
- 4:45-4:55 pm **CLOSING COMMENTS and FEEDBACK TIME**
- 5:00 pm **Le Fini !**

Today's Main Facilitators (there will be more)

Metropolitan Municipalities EMS Medical Directors (U.S.) Participants

City of San Diego:

J. Joelle Donofrio-Ödmann, DO – Deputy Chief Medical Officer, City of San Diego and San Diego Fire Department; EMS Medical Director, Rady Children's Hospital; Associate Professor, Departments of Pediatrics and Emergency Medicine; University of California, San Diego, CA

City of Columbus:

Robert A. Lowe, MD – EMS Physician/Medical Director, Columbus Division of Fire; Clinical Professor of Emergency Medicine, Ohio University Heritage College of Osteopathic Medicine; Columbus, OH

City of San Francisco:

Christopher B. Colwell, MD – Chief of EMS, City of San Francisco; Endowed Professor and Vice Chair, Department of Emergency Medicine, University of California, San Francisco (UCSF) School of Medicine and Chief of Emergency Medicine, Zuckerberg San Francisco General Hospital and Trauma Center; Chair, NAEMSP Standards and Clinical Practice Committee, San Francisco, CA

Cities of Oklahoma City and Tulsa:

Jeffrey M. Goodloe, MD, NRP – Chief Medical Officer, Medical Control Board, EMS System for Metropolitan Oklahoma City and Tulsa; Professor and EMS Section Chief, Department of Emergency Medicine, The University of Oklahoma School of Community Medicine; Director, Oklahoma Center for Pre-hospital & Disaster Medicine; Medical Director, Oklahoma Highway Patrol; Member, Board of Directors, American College of Emergency Physicians (ACEP); Oklahoma City and Tulsa, OK

City of Detroit:

Robert B. Dunne, MD – Medical Director, Detroit East Medical Control Authority, Detroit Fire Department; Chief Medical Consultant, City of Detroit; Program Director, EMS Fellowship and Professor, Wayne State University, Detroit, MI.

City of Cleveland:

Thomas E. Collins, MD – Medical Director, City of Cleveland Emergency Medical Services (EMS) / Fire / Police; Associate Professor, Emergency Medicine, Case Western Reserve University School of Medicine, Cleveland, OH

City of Cincinnati:

Dustin J. Calhoun, MD – Medical Director, Cincinnati Fire Department; Associate Professor, Department of Emergency Medicine, University of Cincinnati; Medical Director and Tactical Physician, Cincinnati Police Department, Cincinnati, OH

Cities of Fort Myers and Cape Coral:

James J. Augustine, MD – Metropolitan Medical Directors Coalition Executive Librarian; Medical Director, Lee County EMS and Fort Myers Fire Rescue Department; Member and Medical Director, International Association of Fire Chiefs; Clinical Professor, Department of Emergency Medicine, Wright State University, Dayton, OH

(Very) Special Guest Facilitators

Sandra M. Schneider, MD – Interim Executive Director, American College of Emergency Physicians (ACEP); Past National President for ACEP, the Society for Academic Emergency Medicine and the Association of Academic Chairs of Emergency Medicine, Dallas (Irving) TX

Amal Mattu, MD – Professor and Vice Chair, Department of Emergency Medicine, University of Maryland, Baltimore, MD

Donald H. Jenkins, MD – Retired Colonel, U.S. Air Force and Professor of Surgery, Uniformed Services University; and Professor and Vice Chair of Surgery for Quality, and Associate Deputy Director of the Military Health Institute at the University of Texas Health Science Center, San Antonio, TX

William J. Brady, MD -- Editor, Mass Gathering Medicine, Cambridge University Press; Professor, Vice Chair, and Medical Director of Emergency Medicine, University of Virginia; also Professor of Medicine (Cardiovascular) & Nursing, University of Virginia; Medical Director, Special Event Medical Management, University of Virginia Health System, Charlottesville, VA, USA; Medical Director, Albemarle County Fire Rescue, Charlottesville, VA, USA

Michael S. (Mick) Molloy, FRCEM FRCSEd FFSEM MCh MSc DipSpMed DipHealthInfo -- Dean, Faculty of Sports and Exercise Medicine, Royal College of Surgeons of Ireland; Consultant in Emergency Medicine, Wexford General Hospital, Ireland East Hospital Group, Wexford, Ireland; Clinical Assistant Professor of Emergency Medicine, University College, Dublin; Board Member, European Section and Board of Emergency Medicine, UEMS, Brussels; two-term ministerially-appointed Board Member, Prehospital Emergency Care Council of Ireland, and Chair of the Medical Advisory Committee; Chairman, Medical Committee, Rugby League International Federation; Former Research Director, Disaster Medicine Fellowship, Beth Israel Deaconess Medical Centre, Boston USA

Program Host and Coalition Coordinator



Paul E. Pepe, MD, MPH, FAEMS, MCCM, MACP, FACEP, FRCP

Medical Director, Dallas County (TX) Emergency Medical Services and Public Safety
Medical Director for Research, Educational and Special Operations,

Broward Sheriff's Office, Palm Beach County Fire Rescue and Brevard County Fire Rescue
Coordinator, Metropolitan EMS Medical Directors Global Alliance, Ft Lauderdale,

ACEP24 EMS Track Main Faculty / Facilitators



J. Joelle Donofrio-Ödmann, DO



Robert A. Lowe, MD



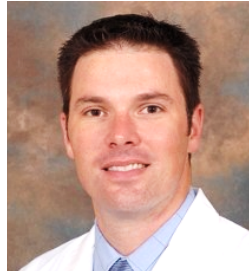
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Christopher B. Colwell, MD



James J. Augustine, MD



Michael S. (Mick) Molloy, MD



Paul E. Pepe, MD, MPH