

WEMSA 25

CONFERENCE & EXPO

JAN 21ST - 24TH | GREEN BAY, WI

COURSE GUIDE



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WISCONSIN EMS ASSOCIATION®

8:00 AM - 9:00 AM

Not Your Mama's Joint: Today's Drugs of Abuse

BLS

1.0 CE - Medical

PRESENTED BY: Lucian Mirra, Albemarle County (VA) Fire Rescue

Drug use in the United States is prevalent, but how prepared are you to treat more than just your average alcohol intoxication or opioid overdose? This presentation will use common toxidromes and real-life case studies to present cases of drug intoxication beyond what you may see on a day-to-day basis. From new, more powerful forms of marijuana to a common OTC drug, attendees will be armed with knowledge of how to recognize and treat overdoses that are out of the ordinary...samples not included!

8:00 AM - 9:00 AM

Are They Septic? - Rapid Triage and Management of Occult Sepsis

ALS

1.0 CE - Medical

PRESENTED BY: Jason Joling, Wisconsin Rapids Fire Department

EMS is usually the first contact for those with possible or moving towards sepsis. Patients moving towards sepsis will often present with occult findings and may initially appear clinically stable. Developing an understanding of the process will increase suspicion and thus lead to early therapy. These subtleties in patient presentation, if recognized, can greatly improve outcomes. This session will allow providers to understand that a patient does not suddenly crash, but rather we just suddenly notice.

8:00 AM - 9:00 AM

Creating the "Right" Culture in EMS

Management

1.0 CE - Operations

PRESENTED BY: Tom Fentress, Methodist Hospitals & Keener Twp. Fire Dept

In today's dynamic workplace landscape, the importance of organizational culture cannot be overstated. A thriving culture not only fosters employee satisfaction but also serves as a magnet for top talent. This presentation delves into the fundamental question: Why is workplace culture essential? It explores how employees' connection to their colleagues and the organization's mission and core values forms the bedrock of a positive workplace environment. Drawing inspiration from the visionary leadership of Walt Disney, attendees will uncover the transformative power of his 4 keys to culture. Through these keys, leaders can unlock the secrets to creating a workplace culture that attracts, retains, and inspires exceptional employees. By emphasizing open communication, alignment with core values, and a commitment to meaningful work, organizations can chart a course toward happiness, fulfillment, and unparalleled service excellence. Join us on a journey to harness the magic of culture and unleash the full potential of your team.

8:00 AM - 9:00 AM

Your Students Are C.R.E.E.P.S.! Applying Memory Systems to Learning Styles

Educator

1.0 CE - Operations

PRESENTED BY: Kyle Bates, University of Maryland

We know that using a single delivery method will not benefit all students, as they each have their way of learning or preferred sensory input method; some are predominantly visual, some are auditory, and some are kinesthetic. But no matter which style is dominant, every student probably learns using a mixture of all three. In this interactive and learner-focused session, we will look at these learning styles but address them more as preferences. You will explore your preferences for learning and, using the C.R.E.E.P.S. mnemonic, discuss how best to deliver content to such a wide variety of learners.

WORKSHOP

8:00 AM - 4:30 PM

LIMITED SEATS

Mental Health First Aid for Fire/EMS

ALL

7.5 CEs - Medical

PRESENTED BY: Rita Liesiefsky, Community Advocates Public Policy Institute

Firefighters and EMS personnel are regularly exposed to traumatic events and life-threatening situations that can affect their mental health. Mental Health First Aid (MHFA) for Fire/EMS is an evidence-based training program specifically designed to address the mental health needs of the Fire/EMS community. This course teaches participants how to recognize signs of mental health issues, provide initial support, and guide individuals towards appropriate professional help and self-care strategies.

Through practical scenarios and the MHFA Action Plan (ALGEE), participants will learn how to assess for risk of suicide or harm, listen nonjudgmentally, give reassurance and information, encourage professional help, and promote self-help and support strategies. By fostering open conversations about mental health, this training aims to reduce stigma and build a supportive environment within Fire/EMS teams and their families.

9:15 AM - 10:15 AM

Death of a Child: Speaking of the Unspoken

BLS

1.0 CE - Medical

PRESENTED BY: Kyle Bates, University of Maryland, Baltimore County

The discussion of the death of a child in the out-of-hospital environment seems not only to bring about numerous questions but also a great deal of discomfort to those involved. For some reason, it seems almost taboo to even mention NOT transporting a dead child. Join us for this interactive and thought-provoking presentation, where we will discuss the death of a child.

9:15 AM - 10:15 AM

Hit the 'Lytes! Case Studies of Electrolyte Imbalances

ALS

1.0 CE - Medical

PRESENTED BY: Lucian Mirra, Albemarle County (VA) Fire Rescue

Electrolytes control nearly every function in the human body, and yet as EMS providers, we spend very little time learning about them. Through the lens of real-life case studies, this presentation will guide attendees through some of the more common electrolyte imbalances from presentation to treatment. Whether you have the ability to see quantitative lab values or not, this presentation will prepare you to recognize common electrolyte imbalances, and provide effective care for these often critically ill patients.

9:15 AM - 10:15 AM

Never Have I Ever: Never Events in EMS

Management

1.0 CE - Operations

PRESENTED BY: Matthew Streger, Keavney & Streger

The National Quality Forum has a list of "Never Events" that should simply never happen in healthcare - actions that are clearly identifiable, serious, and preventable. This list of 29 serious preventable events has some application to the EMS profession, but because of our unique environment of care, some of these do not apply while others require some modification. We will review the definition of a "Never Event" in the EMS profession and contrast these events with "best practices." We will then discuss a series of EMS-specific Never Events in the clinical, operational, and legal segments of our system, and for each one we will clearly define the event and the mandatory preventative measures that can help prevent them from occurring. This lecture is a unique look at a major safety aspect of EMS as part of healthcare that we do not typically focus on. Attendees will take home real-world tools to put into action in their systems to help improve patient care and reduce these preventable major safety events.

9:15 AM - 10:15 AM

Bringing Research to the Frontline Providers: Supporting your Quality Management Program with Continuing Education Practices that Work

Educator

1.0 CE - Operations

PRESENTED BY: Michael Kaduce, Falck Health Institute

You've followed the data, and you've identified an area for clinical quality improvement at your agency, but what's next? Current performance is impacted by a knowledge gap in which education is needed, not just any CE. In this session, learn evidence-based strategies for adult learners that improve classroom learning and lead to improved patient outcomes. By the end of the session, those attending will be able to describe the best practices in delivering a continuing education course as part of a quality management program.

10:30 AM - 11:30 AM

Pediatric Triage

BLS

1.0 CE - Trauma

PRESENTED BY: Michael Kaduce, The Falck Health Institute

Whether an act of violence, natural catastrophe, or motor vehicle pile up, a disaster is the one of the greatest challenges an EMS provider will face. These events overwhelm resources, degrade the standard of care, and require a deviation from protocol. These responses will overwhelm the senses and trigger a fight or flight response yet EMTs and paramedics will have to rapidly and accurately make decisions about incident severity, needed resources, and victim survivability. When the patient is a child, these decisions are even more complicated. The lack of training provided during initial education, lack of severely injured pediatric patients in the field, and general unfamiliarity with infants and children makes pediatric triage difficult for even the most seasoned EMS provider. In this course we will review triage systems for children, the research that supports these systems, and introduce the new SALT system.

10:30 AM - 11:30 AM

Facial Trauma and Airway Management: A Case Study

ALS

1.0 CE - Airway

PRESENTED BY: Allen Wolfe, Life Link III

Trauma is associated with a wide range of injuries, many of which are life threatening. Bizarre and unusual mechanism and injury intrigue all of us. When seconds count mental preparation and rehearsal can make the difference but if they are rare in occurrence how can we prepare? An insightful case study approach is used to illustrate these points.

10:30 AM - 11:30 AM

Conducting Incident Investigations

Management

1.0 CE - Operations

PRESENTED BY: Matthew Streger, Keavney & Streger

EMS supervisors and managers are required to investigate incidents, determine facts, and make recommendations on a daily basis. This is a core competency of most front-line leadership, but we are often lacking in real-world skills for this essential function. This class will review the process necessary to conduct an investigation, from the initial inquiry, review of documents, timeline, interview process, validation, and documentation.

10:30 AM - 11:30 AM

Overcoming Imposter Syndrome

Educator

1.0 CE - Operations

PRESENTED BY: Matt Miller, Public Safety Training Center

Imposter syndrome is quite possibly one of the most common forms of anxiety and it is 100% self-created. In the EMS field, it most often occurs when trying to teach a new skill, or when asked a question that you feel you are supposed to always have the answers to for your colleagues. In "Overcoming Imposter Syndrome" will identify, teach, and allow those to overcome what affects 70-80% of educators. This will help you be more confident when presenting, teaching new students, and just an overall environment with your EMS colleagues.

12:30 PM - 1:30 PM

Adding a Medical Emergency to a Grain Bin Rescue

BLS

1.0 CE - Medical

PRESENTED BY: Nathan Allen, West Grant Rescue Squad

Follow along as we discuss the good, the bad, and the ingenuity of rural responders during a grain bin rescue call. We'll navigate the challenges and "speed bumps" faced while working to comply with local standards for identifying and treating a STEMI, all while managing the complexities of extrication. This was not your typical location for a heart attack—wait, it's in a grain bin! This course will also cover proper scene size-up, requesting multiple resources, understanding the terms and definitions of confined spaces, identifying them, and utilizing resources to mitigate them effectively. We'll emphasize the importance of pre-planning for such unique emergencies to ensure responder readiness and patient safety.

12:30 PM - 1:30 PM

Severed Hope, Swift Action: The Prehospital Response to Traumatic Amputations

ALS

1.0 CE - Trauma

PRESENTED BY: Allen Wolfe, Life Link III

Traumatic amputations in the prehospital environment present some of the most critical and high-pressure scenarios faced by emergency responders. This lecture will explore the pathophysiology of traumatic limb loss, rapid assessment strategies, and life-saving interventions such as hemorrhage control and limb preservation techniques. Learners will examine case studies that highlight the importance of swift decision-making and multidisciplinary coordination to optimize patient outcomes. Emphasis will be placed on emerging technologies, such as tourniquet advancements and prehospital blood products, as well as the psychological impact on both patients and providers. By the end of this session, attendees will gain actionable insights and practical tools to handle these life-altering emergencies with confidence and precision.

12:30 PM - 1:30 PM

The weight of the 5th Bugle – How to Take Care of Your People when Tragedy hits the station.

Management

1.0 CE - Operations

PRESENTED BY: Tom Fentress, Methodist Hospitals & Keener Twp. Fire Dept

The National Quality Forum has a list of “Never Events” that should simply never happen in healthcare - actions that are clearly identifiable, serious, and preventable. This list of 29 serious preventable events has some application to the EMS profession, but because of our unique environment of care, some of these do not apply while others require some modification. We will review the definition of a “Never Event” in the EMS profession and contrast these events with “best practices.” We will then discuss a series of EMS-specific Never Events in the clinical, operational, and legal segments of our system, and for each one we will clearly define the event and the mandatory preventative measures that can help prevent them from occurring. This lecture is a unique look at a major safety aspect of EMS as part of healthcare that we do not typically focus on.

12:30 PM - 1:30 PM

EMS Education 101: Skill Instruction

Educator

1.0 CE - Operations

PRESENTED BY: Michael Kaduce, The Falck Health Institute

Skill instructors are the backbone of EMS education and a great opportunity for experienced EMS providers looking to share their talents. Whether you are just getting into education or have been teaching in skill labs for years, applying the science of psychomotor knowledge acquisition will lead to increased student success. Join Michael for a discussion on the principles of skill education and how to leave a legacy with your students.

1:45 PM - 2:45 PM

But I'm Not Dead Yet! Evaluation of Your TOR Guidelines

BLS

1.0 CE - Medical

PRESENTED BY: Kyle Bates, University of Maryland, Baltimore County

Not long ago, we transported every cardiac arrest patient we encountered. Then came the idea that we should terminate our resuscitative efforts on the scene, and now our transports have dramatically decreased. However, the current Universal Termination of Resuscitation (TOR) Guidelines have been reevaluated, and with the introduction of ECPR, we may start increasing our transports, and with good outcomes, too!

1:45 PM - 2:45 PM

Pain Management for Pediatric Patients

ALS

1.0 CE - Medical

PRESENTED BY: Tom Fentress, Methodist Hospitals & Keener Twp. Fire Dept

Pain is the most common complaint encountered in emergency medical settings, including ER, EMS, and urgent care facilities. In this presentation, we will delve into the unique challenges posed by pediatric pain management. We will explore scenarios such as a child suffering from a traumatic injury and the resulting anxiety from their parents, which can disrupt the entire call or Emergency Department environment. The discussion will emphasize the importance of recognizing and effectively managing pain in pediatric patients to improve outcomes. Moreover, we will review several studies that highlight the common issue of underestimating pain in children and provide strategies to address this critical aspect of pediatric care.

1:45 PM - 2:45 PM

First Response to the Front Page: Media Relations and EMS

Management

1.0 CE - Operations

PRESENTED BY: Megan Mulholland, Compass Communications LLC

Emergency situations trigger media interest. This is your chance to not only provide an update to the media and public but share prevention tips (help others avoid similar situations); raise awareness (inform the public on important issues); and celebrate success stories (shine a light on positive outcomes). Be ready and know what to expect and be empowered to deliver clear and powerful interviews with the media.

1:45 PM - 2:45 PM

Leading by Example: Authentic Leadership in the Classroom and on the Streets

Educator

1.0 CE - Operations

PRESENTED BY: Courtney Hull & Kelsey Carlson, Waukesha County Technical College

"You manage things. You lead people." Learn about the importance of authentic leadership in the classroom and on the streets and how taking a proactive, preventative approach can reduce time spent on student or employee issues and problems. The change from classroom management to classroom leadership develops critical thinking and problem-solving skills and aids in the development of leadership abilities of your students/recruits. Authentic leadership focuses on self-awareness, empathy, integrity, transparency, open communication, relationship building and positivity. Learn how to foster these skills and utilize them to develop others.

3:00 PM - 4:00 PM

What the Research Says

BLS

1.0 CE - Operations

PRESENTED BY: Michael Kaduce, The Falck Health Institute

"What the Research Says" engages providers on current hot button topics and trends in Emergency Medical Services. The course reviews recently published, peer reviewed literature to help breakdown some of the controversies EMS personnel will face both in the station and while treating patients. Topics include spinal immobilization, fluid resuscitation, hemorrhage control, rapid sequence induction, provider fatigue, and oxygen therapy. The course is designed for all provider levels as evidence based practice impacts all EMS professionals.

3:00 PM - 4:00 PM

Pharmacologic Management of Rapid Sequence Intubation (RSI)

ALS

1.0 CE - Airway

PRESENTED BY: Tom Fentress, Methodist Hospitals & Keener Twp. Fire Dept

This lecture will review the treatment and patient response towards Rapid Sequence Intubation. Included in this lecture will be the 6 P's of Rapid Sequence Intubation, the pitfalls if you as the paramedic are not prepared, and the "flight plan" when you are ready to use Rapid Sequence Intubation. This lecture will be participant interactive and will run about 60 minutes.

WORKSHOP

3:00 PM - 4:15 PM

Mock Deposition

Management

1.25 CE - Operations

PRESENTED BY: Matthew Streger, Keavney & Streger

Very few EMS providers are ever called to testify at a trial, but it is very likely that at some point they will be deposed, as a witness, party to a lawsuit, or even as an expert. Even if you are not the defendant, the process of being deposed can be difficult for even the most experienced EMT, Paramedic, Nurse or Physician. This lecture is scenario-based, reviewing the facts of a call with the lecture participants. Then, one of the EMT's from the call [another speaker to be determined], will be deposed based on his written report. The deposition questions and narrative will be projected for the class to examine, and at key points in the process the deposition will be frozen to discuss those teaching points. This lecture has been updated with better information about deposition strategies from the lawyer's perspective, and with better tactics for the audience to help them through a deposition.

3:00 PM - 4:00 PM

Everything I Learned About Teaching in EMS I Learned in Elementary Education!

Educator

1.0 CE - Operations

PRESENTED BY: Kyle Bates, University of Maryland, Baltimore County

Think about it for a moment. We can't sit for long periods; we like to play, and many have short attention spans and love our snack times! The difference between teaching EMS folk and teaching in the fourth grade is that we have previous experience, which makes dealing with the fourth-grader easier. This fun presentation will examine cognitive development and educational principles that can be used in your classroom. If these don't work, we can stay after class!

8:00 AM - 9:00 AM

Sepsis – Suspect and Save Lives

BLS

1.0 CE - Medical

PRESENTED BY: David Brenner, Brenner Services

This course provides an overview of The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3), specifically designed for EMS providers. The session begins with a historical look at sepsis and progresses to the recent assessment guidelines and treatment strategies. Recent recommendations supplementing the consensus report are also included to provide a comprehensive understanding of sepsis management.

Attendees will explore key topics, including case presentations, the history of sepsis identification, and the definition of sepsis and septic shock. The course will cover the Sequential Organ Failure Assessment (SOFA) and Quick Sequential Organ Failure Assessment (qSOFA) tools, as well as appropriate prehospital interventions. By the end of the course, attendees will be able to define sepsis and septic shock, identify high-risk patients, describe potential prehospital interventions, and understand the components of the qSOFA process, enhancing their ability to make informed decisions in the field.

8:00 AM - 10:15 AM

The 5 W's of End Tidal CO2 Usage

ALS

2.25 CEs - Airway

PRESENTED BY: Mitchel Reuter, UW Health Emergency Education Center

End Tidal CO2 is becoming a tool that is extremely common in the prehospital emergency medicine with people using it on almost every patient. Yet, beyond knowing I should look for a certain range or a certain capnography reading, can one explain where the carbon dioxide comes from, what variables are associated with this measurement tool, and which scenarios would benefit from the use of EtCO2? During this presentation, we will dive into the body, looking at why providers use EtCO2 and what normal vs abnormal pathophysiology may look like.

8:00 AM - 9:00 AM

The Top Documentation Mistakes EMS Providers Make – and Supervisors Overlook

Management

1.0 CE - Operations

PRESENTED BY: Ryan Stark, Page, Wolfberg, & Wirth

Ok, we know that documentation isn't everyone's favorite job. But there are ways to sport and correct the important stuff that get you into trouble. Learn the bit ticket items to detect, and how to make good documentation habits stick (for good).

WORKSHOP 8:00 AM - 11:30 AM LIMITED SEATS

The High Performance Ventilation Workshop

ALL

3.5 CEs - Airway

PRESENTED BY: Bob Page, Edutainment Consulting and seminars

Research shows that often, EMS providers have trouble ventilating patients. In this eye-opening, hands-on workshop, Bob shows participants how to ventilate patients by BVM, via Mask, ET tube, and supraglottic airways using state of the art computerized simulators that measure pressures, volumes, and ventilatory rates. You will gain valuable insight and skills to improve your ventilation ability using this valuable feedback and coaching system. This lab features the tools and techniques to introduce to you the concept of high performance ventilation (HPV). The class is an arena format with plenty of time for hands on practice, not an airway class, a ventilation class using state of the art ventilation equipment and high fidelity simulation.

WORKSHOP 8:00 AM - 12:00 PM LIMITED SEATS

Hazardous Materials and Railway Safety for EMS Option 1

HAZMAT

4.0 CEs - Operations

PRESENTED BY: Jesse Coulson, City of Spencer (IA) Fire Department
Jordan Coulson, Village of Oregon Police Department

This course is designed to equip Emergency Medical Services (EMS) professionals with the critical knowledge and skills required to safely and effectively respond to hazardous materials (HazMat) incidents, particularly those involving railways. Through a comprehensive examination of hazardous materials training, certification levels, and the use of essential response guides such as the Emergency Response Guidebook (ERG) and the NIOSH Pocket Guide, participants will gain a deep understanding of the procedures and best practices necessary for managing HazMat exposures. The course also covers the identification and management of the most common hazardous material releases encountered by EMS, ensuring that participants are prepared to deliver appropriate care in these high-risk situations.

PLEASE NOTE: This course is provided at no cost, thanks to the ALERT (Assistance for Local Emergency Response Training) Grant. Attendees will be reimbursed for half of their day's cost after the conference, once attendance has been confirmed. If you are only interested in attending the Hazmat course and no other sessions at the conference, please reach out to WEMSA prior to registering. This course will be offered three times across the duration of the conference, and attendees are limited to attending one of those sessions. If the upfront cost poses any financial challenges, WEMSA is here to assist—please contact us for support. For those attending the Hazmat Course SOLELY, your participation will be completely free. If this is your intention, please use the following promo code: **HAZARDSONLY** at checkout. *This promo code is exclusively for individuals attending the Hazardous Materials Course only. If you register for additional courses using this code, you will be contacted, and your registration may be cancelled. A \$10 processing fee will be applied to cover reimbursement costs and staff time.*

9:15 AM - 10:15 AM

It Won't Happen to Me: The Silent Threat of Complacency

BLS

1.0 CE - Operations

PRESENTED BY: Dr. Carrie Manke, Trauma & Resilience Life Coach

Embark on an engaging journey to discover the hidden dangers of complacency, as we delve into its risky effects on both patient and staff safety. By exploring the root causes and consequences of complacency, the learner will verbalize the urgent need for proactive measures to combat this silent threat. This presentation will cover strategies for addressing complacency, including fostering a culture of continuous learning, accountability, and change. Attendees will gain valuable insights to recognize signs of complacency, understand its consequences, and implement effective solutions that promote growth, innovation, and sustained success within their agency.

9:15 AM - 10:15 AM

The Fundamentals of Ambulance Billing and Reimbursement

Management

1.0 CE - Operations

PRESENTED BY: Ryan Stark, Page, Wolfberg, & Wirth

Whether you're new to ambulance billing or a seasoned coder, this session has something insightful for you. We'll cover everything from "accurate" emergency billing to the ALS assessment rule for Medicare. Get ready to go to billing boot camp.

10:30 AM - 11:30 AM

Keeping your Head Above Water when your Patient has Drowned

BLS

1.0 CE - Medical

PRESENTED BY: David Brenner, Brenner Services

Good care of the victim of drowning requires the most up-to-date information in an area where even the definitions have changed. Alterations in typical interventions may be needed. Further, the patient needs to go the right hospital. The latest guidelines on treating victims of drowning will be reviewed. As well, you will be provided the insight of a very experienced ocean lifeguard who has managed the scene of hundreds of drowning episodes.

10:30 AM - 11:30 AM

"My Patient": Jointly Managing Hyperactive Delirium for EMS and Law Enforcement

ALS

1.0 CE - Medical

PRESENTED BY: Dr. Kerry Ahrens, BayCare Clinic & Oshkosh Fire Department

We are in a world where drug abuse and mental health crises are at an all-time high. When law enforcement requests EMS for chemical restraints, often the line of who has ownership of that patient/perp is blurred. This is when those suffering hyperactive delirium die in our care. We will review several national cases with the help of body cam footage where it was clear no true ownership was taken of the persons who were chemically sedated resulting in criminal prosecution of paramedics. I will discuss a method for your EMS/PD teams to facilitate improved communication in these cases to prevent unintentional harm to those suffering hyperactive delirium warranting chemical restraints.

10:30 AM - 11:30 AM

BioWatch 101

Management

1.0 CE - Operations

PRESENTED BY: John Kiser, Department of Homeland Security

Most people, including the first responder community are unaware that there is a national biodetection program which is locally driven/federally owned. BioWatch is a biodetection platform that operates 24 hours a day, 7 days a week, 365 days a year monitoring the air for biological agents likely to be used in a bioterrorism attack. If a detection occurs, public health first responder officials use the information to coordinate emergency response, including prompt medical care and other consequence management activities.

BioWatch is locally operated in more than 30 major metropolitan areas across the country. These jurisdictions and select federal agencies work together to ensure the overall resilience of the program. Effective working relationships between federal, state, and local public health, laboratories, law enforcement, and environmental health agencies are key to BioWatch's success.

In addition to daily operations BioWatch supports local partners during special events which may attract large crowds, have VIP participants, or are politically sensitive, such as the NFL Draft, hosted in Green Bay for 2025. Other venues include major sport events such as NBA, MLB, and the World Cup and political rallies/conventions such as the Republican National Convention(RNC) held in Milwaukee in summer of 2024.

This presentation is designed to provide an awareness level understanding of the BioWatch program to first responders, medical clinicians, and to the public health community.

12:30 PM - 1:30 PM

Fear Factor – Navigating Patients in Crisis

BLS

1.0 CE - Medical

PRESENTED BY: Dr. Carrie Manke, Trauma & Resilience Life Coach

The number of mental health patients who seek emergency medical care continues to rise. Interacting with this population can be challenging and requires a skillset beyond traditional first aid. To effectively and safely care for these individuals, first responders must be able to identify patients in crisis and develop an immediate trusting relationship with them. The emergency care provider and mental health patient both experience fear as a predominant emotion during their initial interaction. This presentation will provide an overview of behaviors exhibited by a patient in crisis, explore the underlying fear response, and provide the learner with strategies to implement during the initial encounter of a mental health patient in need of emergency care.

12:30 PM - 1:30 PM

Large Vessel Stroke Identification and Management

ALS

1.0 CE - Medical

PRESENTED BY: Diane Glick, OSF St. Anthony's Medical Center

This interactive course focuses on the critical identification and management of large vessel strokes. Attendees will learn to recognize the symptoms of large vessel strokes, including key cortical signs, and differentiate them from common stroke mimicking conditions. The course will cover essential hyperacute management strategies and highlight common pitfalls in the initial treatment of large vessel stroke patients.

Participants will also explore the benefits and risks of transporting patients to primary versus comprehensive stroke centers, providing a comprehensive understanding of decision-making in acute stroke care. The lecture is designed to be highly interactive, with multiple points of verbal polling and Q&A sections to engage attendees and reinforce key concepts through active participation.

12:30 PM - 1:30 PM

Embracing Stress to Lead Personal and Organizational Resilience

Management

1.0 CE - Medical

PRESENTED BY: Roy Smalley, Mayville EMS

Stress and adversity in the emergency services is viewed as something to mitigate, avoid, or worse – ignore. However, research into resilience is changing the way science approaches stress. This session introduces the many different stress responses, examines the role of mindset in stress physiology, and discusses how to lead resilience.

WORKSHOP 12:30 PM - 4:30 PM LIMITED SEATS

Hazardous Materials and Railway Safety for EMS Option 2

HAZMAT

4.0 CE's - Operations

PRESENTED BY: Jesse Coulson, City of Spencer (IA) Fire Department
Jordan Coulson, Village of Oregon Police Department

This course is designed to equip Emergency Medical Services (EMS) professionals with the critical knowledge and skills required to safely and effectively respond to hazardous materials (HazMat) incidents, particularly those involving railways. Through a comprehensive examination of hazardous materials training, certification levels, and the use of essential response guides such as the Emergency Response Guidebook (ERG) and the NIOSH Pocket Guide, participants will gain a deep understanding of the procedures and best practices necessary for managing HazMat exposures. The course also covers the identification and management of the most common hazardous material releases encountered by EMS, ensuring that participants are prepared to deliver appropriate care in these high-risk situations.

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WORKSHOP 12:30 PM - 4:00 PM LIMITED SEATS

Point of Injury Care for the Working K9 Option 1

ALL

3.5 CE's Operations

PRESENTED BY: Operational K9 Medical Team of WI

This specialized course is designed for the emergency rescue personnel and K9 handler that would respond to canine emergencies in the field. This course includes practical classroom style education as well as hands-on instruction, demonstrations and scenario specific training using live, Trauma Fx simulator K9 Valor, and model dogs. This is a fast-paced course with a lot of information covered in the time allotted. This course covers a wide range of lecture topics and hands-on instruction, including the physical examination and handling of both healthy and injured K9s, wound care for facial lacerations, eye injuries, and paw injuries, as well as immobilization and bandaging techniques. Participants will learn about triage, shock management, pain control, and treatment for heat stroke in K9s. The course also includes CPR training based on the RECOVER BLS and ALS guidelines, scenario drills for practical application, hemorrhage control, oxygen administration, and naloxone administration.

1:45 PM - 2:45 PM

Keeping Your Cool When Your Patient has Hypothermia

BLS

1.0 CE - Medical

PRESENTED BY: David Brenner, Brenner Services

Hypothermia presents itself in a variety of ways and circumstances. Sometimes, the circumstances are not what we expect them to be. Regardless of the circumstances, the recognition, triage, treatment, and transportation decisions we make are often critical to the survival of the patient. What the leading authorities are recommending and how this impacts our practice will be discussed. Although the material is scholarly, the presentation promises to be entertaining. ALS concepts are integrated in this presentation.

1:45 PM - 2:45 PM

Spikey Bumps Mean What?

ALS

1.0 CE - Cardiology

PRESENTED BY: Mitchel Reuter, UW Health Emergency Education Center

Cardiology is a topic that may confuse many paramedics and is a topic many EMTs or advanced EMTs never have the opportunity to learn. The electrocardiogram is a fantastic tool, and can tell so much information beyond only if the patient is having a myocardial infarction or not. During this presentation, we will start with the basics of how an ECG works, STEMI Recognition, but more importantly, how the body functions and the view in which we are looking at the body. Leading to the understanding of different 12-lead abnormalities such as axis deviation, Supraventricular tachycardia with aberrancy vs. ventricular tachycardia, and other abnormal readings.

1:45 PM - 2:45 PM

EMS Liability in 2025 – And Key Tips to Avoid It!

Management

1.0 CE - Operations

PRESENTED BY: Ryan Stark, Page, Wolfberg, & Wirth

Recent events sparked the biggest shift in EMS liability we've ever seen. Two paramedics were recently criminally charged and sentenced for the death of a patient, and two EMS practitioners in Springfield, Illinois have been charged with first degree murder of a patient. Many of these cases have common themes, and we'll discuss how you can take steps to avoid liability – from documentation to attitude.

3:00 PM - 4:00 PM

Not for Sale! Identifying Victims of Human Trafficking

BLS

1.0 CE - Medical

PRESENTED BY: Dr. Carrie Manke, Trauma & Resilience Life Coach

Almost 90% of human trafficking victims encounter a healthcare provider during their exploitation. It is essential for healthcare workers to equip themselves with knowledge in this space to help prevent further victimization and create a safe and trusting environment for victims. In this course you will learn key indicators to identify victims of human trafficking, demonstrate how to start the conversation with patients using an evidence-based tool, and maintain safety and trust with this delicate patient population.

3:00 PM - 4:00 PM

Danger Hiding in Plain Sight

ALS

1.0 CE - Cardiology

PRESENTED BY: Bob Page, Edutainment Consulting and seminars

In our basic arrhythmia courses in medic class, nursing, AEMT, or even ACLS, we were taught about four heart blocks: first degree, two second degrees, and a third degree. Of the four, only two were considered to be dangerous and carry contraindications or strong safety concerns to anti-arrhythmia medications. Is that all there is? With a 12-lead ECG, there are other blocks just as bad or worse hiding in plain sight, but if you were not trained to recognize them, the results could be tragic! Don't miss the chance to learn them from Bob!

3:00 PM - 4:00 PM

Start with Why. Keys to Inspiring Your EMS Agency

Management

1.0 CE - Operations

PRESENTED BY: Ryan Stark, Page, Wolfberg, & Wirth

Good culture is something you can't define but you know it when you see it. Discover the hallmarks of EMS agencies that have the "right stuff," and learn you can achieve that for your people.

8:00 AM - 9:00 AM

Pediatric Case Study

BLS

1.0 CE - Medical

PRESENTED BY: **Dr. Michael Kim, Wisconsin Emergency Medical Services for Children**

This presentation will highlight 4 extremely interesting pediatric cases highlighting many of the critical factors necessary in providing the best care for sick or injured children.

8:00 AM - 9:00 AM

Hard Pressed for a Pressure!

ALS

1.0 CE - Medical

PRESENTED BY: **Jared Thompson, City of Wausau Fire Department**

This presentation will focus on how vasopressors differ from inotropic agents that the CCP may have to utilize while caring for a hypo-perfused patient. From the old glory days of Dopamine to the occasional use of Milrinone, this lecture will cover seven different agents that can improve end-organ perfusion. This presentation will benefit the attendees by refreshing their understanding of these agent and their clinical indications.

8:00 AM - 10:15 AM

A Case for Building Stress Resilient First Responder Teams

Management

2.25 CEs - Medical

PRESENTED BY: **Kenneth Cerney, Leader-Team Dynamics LLC**

Decision making as a team or crew can be difficult enough when personality differences get involved. What happens when each of these individuals also has a different level of risk tolerance and approach to taking those risks? What happens when we don't realize that increased stress levels are compromising good decision making by an individual or team leading to catastrophic results. We will look at the human factors of personalities, risk tolerance and stress effects in First responders and especially medical responders. Through various lenses including recent research, personal motivators, risk tolerance, and stress resilience models, base and organizational leadership will discover new thoughts and ideas on how to develop better stress tolerance and decision making in Emergency Medical crews.

WORKSHOP 8:00 AM - 12:00 PM LIMITED SEATS

Hazardous Materials and Railway Safety for EMS Option 3

HAZMAT

4.0 CE's - Operations

PRESENTED BY: **Jesse Coulson, City of Spencer (IA) Fire Department**
Jordan Coulson, Village of Oregon Police Department

This course is designed to equip Emergency Medical Services (EMS) professionals with the critical knowledge and skills required to safely and effectively respond to hazardous materials (HazMat) incidents, particularly those involving railways. Through a comprehensive examination of hazardous materials training, certification levels, and the use of essential response guides such as the Emergency Response Guidebook (ERG) and the NIOSH Pocket Guide, participants will gain a deep understanding of the procedures and best practices necessary for managing HazMat exposures. The course also covers the identification and management of the most common hazardous material releases encountered by EMS, ensuring that participants are prepared to deliver appropriate care in these high-risk situations.

PLEASE NOTE: This course is provided at no cost, thanks to the ALERT (Assistance for Local Emergency Response Training) Grant. Attendees will be reimbursed for half of their day's cost after the conference, once attendance has been confirmed. If you are only interested in attending the Hazmat course and no other sessions at the conference, please reach out to WEMSA prior to registering. This course will be offered three times across the duration of the conference, and attendees are limited to attending one of those sessions. If the upfront cost poses any financial challenges, WEMSA is here to assist—please contact us for support. For those attending the Hazmat Course SOLELY, your participation will be completely free. If this is your intention, please use the following promo code:

HAZARDSONLY at checkout. Important: This promo code is exclusively for individuals attending the Hazardous Materials Course only. If you register for additional courses using this code, you will be contacted, and your registration may be cancelled. A \$10 processing fee will be applied to cover reimbursement costs and staff time.

WORKSHOP 8:00 AM - 11:30 AM LIMITED SEATS

Point of Injury Care for the Working K9 Option 2

ALL

3.5 CE's - Operations

PRESENTED BY: **Operational K9 Medical Team of WI**

This specialized course is designed for the emergency rescue personnel and K9 handler that would respond to canine emergencies in the field. This course includes practical classroom style education as well as hands-on instruction, demonstrations and scenario specific training using live, Trauma Fx simulator K9 Valor, and model dogs. This is a fast-paced course with a lot of information covered in the time allotted. This course covers a wide range of lecture topics and hands-on instruction, including the physical examination and handling of both healthy and injured K9s, wound care for facial lacerations, eye injuries, and paw injuries, as well as immobilization and bandaging techniques. Participants will learn about triage, shock management, pain control, and treatment for heat stroke in K9s. The course also includes CPR training based on the RECOVER BLS and ALS guidelines, scenario drills for practical application, hemorrhage control, oxygen administration, and naloxone administration.

9:15 AM - 10:15 AM

Keeping Hope Alive – Your Role In Preserving the Opportunity for Organ and Tissue Donation

BLS

1.0 CE - Medical

PRESENTED BY: Nick Waite, Lions Eye Bank of Wisconsin
Courtney Bryden, Versiti Blood Center of Wisconsin
Jeff Ethington, UW Organ and Tissue Donation

Often the first on scene, EMTs and paramedics can play a critical role in facilitating organ donation. Saving lives is the first step. But when all efforts to save a patient's life have been exhausted, it's rewarding to know that you may have played a part in saving and healing others with the gift of a second chance at life or hope. Your efforts may give your patient the opportunity to leave a legacy to others after all life-saving methods have been exhausted. This session will help you better understand your role, the steps you can take without changing protocols to preserve the donation opportunity in the field and better comprehend the facts surrounding organ and tissue donation. Learn from experienced EMTs working in the field of organ transplant about how you can make transplantation possible to save or enhance lives of others.

9:15 AM - 10:15 AM

SJS-TENS: A Case Study

ALS

1.0 CE - Medical

PRESENTED BY: Sue Andersen, Seattle Children's Hospital

This case study will tell the story of a patient with SJS TENS. Using first-hand accounts of care, medical records, and other sources for the case to present the rapid progression of SJS TENS and how EMS providers can recognize the condition and care for the patient.

10:30 AM - 11:30 AM

Aftermarket Parts: BLS Care for Technology-Dependent Patients

BLS

1.0 CE - Medical

PRESENTED BY: Kelly Grayson, MEDIC Training Solutions

Ostomies, ports, catheters and shunts can pose a daunting challenge to all EMS providers and most especially EMTs. Not only are the patients more fragile, but care for most of these patients wasn't adequately covered in your initial education, making care of special-needs patients particularly stressful. Ultimately, though, they're simply aftermarket parts designed to replace or augment an organ system you already know well. Join Kelly Grayson as he teaches you troubleshooting and treatment priorities for technology-dependent patients.

10:30 AM - 11:30 AM

From Overdose to Rhabdo: The Path More are Taking

ALS

1.0 CE - Medical

PRESENTED BY: Douglas Hexel, New York State Urban/Technical Search and Rescue TF-2

Rhabdomyolysis is a serious medical condition usually attributed in the prehospital setting to crush injuries, such as motor vehicle accidents and building collapses. However, the majority of rhabdo cases are not caused by these infrequent incidents. One of the most common causes of rhabdomyolysis is prolonged overdose, particularly opioids, which is still increasing in frequency. In many of these situations, the administration of naloxone may be contraindicated and overall harmful to the patient's prognosis. This presentation will discuss the pathophysiology of overdose induced rhabdomyolysis and how to properly begin treating these patients in the field.

10:30 AM - 11:30 AM

Are You Ready for Sick Kids?

Management

1.0 CE - Operations

PRESENTED BY: Dr. Michael Kim, Wisconsin Emergency Medical Services for Children

This presentation will identify the deficits in pediatric readiness and discuss key elements of pediatric prehospital readiness program to overcome these deficits.

1:30 PM - 2:30 PM

Pediatric Trauma: Everyone's Worst Nightmare

BLS

1.0 CE - Trauma

PRESENTED BY: Douglas Hexel, New York State Urban/Technical Search and Rescue TF-2

Pediatric traumas are some of the most dreaded calls we can receive. Regardless of licensure level, experience, or familiarity with kids, it's difficult to be comfortable treating an injured child. We know in medical scenarios that children are not just small adults and the same rings true in trauma. This presentation will focus on recognition of injuries based on size, weight, and mechanism as well management techniques for those injuries and factors.

1:30 PM - 2:30 PM

Shock: The Rude Unhinging of the Machinery of Life

ALS

1.0 CE - Trauma

PRESENTED BY: Kelly Grayson, MEDIC Training Solutions

In 1862, Samuel Gross described shock as "The rude unhinging of the machinery of life." Today, over 150 years later, the description still holds true. And just like adding oil to your engine after it is irreparably damaged, providing fluid resuscitation and stabilizing vital signs is often too little, too late. The way to treat shock is to prevent it whenever possible, and medical science today affords us more relevant and easily interpreted assessment data to accomplish that goal than just the blood pressure, heart rate and skin signs we were taught in school. Join Kelly Grayson for an interactive and engaging discussion on shock and how to stay ahead of it.

1:30 PM - 2:30 PM

Improving EMS: From Clifton to Kaizen

Management

1.0 CE - Operations

PRESENTED BY: Jon Kavanagh, Mustard Seed Consulting

EMS has historically looked at improvement only through the lens of clinical quality. When we look at our agencies and systems, we see connections between different areas: mindsets and processes that HR uses are seen in Fleet which are echoed in Supply. We can improve EMS using a more wholistic approach, using CliftonStrengths to bring out the best in our people and learn manufacturing concepts to reduce the waste and variability in our processes and practices.

WORKSHOP

1:30 PM - 3:45 PM

LIMITED SEATS

BLS

Critical Pediatric Skills you Must Know

2.25 CE's - Medical

PRESENTED BY: Dr. Michael Kim, Wisconsin Emergency Medical Services for Children

This course is designed to equip EMS personnel with essential skills specific to the care of pediatric patients. Participants will learn and practice five critical pediatric skills: safe transportation, spinal immobilization, weight estimation and medication dosing, epinephrine and dextrose dosing, and intraosseous (IO) line placement. Through demonstrations and hands-on practice, this class will prepare attendees to confidently and effectively manage pediatric emergencies. By the end of this course, participants will be able to effectively apply immobilization and safe transportation techniques for children of all sizes, ensuring their safety during emergency transport. They will also learn to accurately estimate a child's weight and calculate the correct doses for critical medications, such as epinephrine and dextrose. Additionally, attendees will understand the indications for intraosseous (IO) line placement and develop the expertise needed to perform this procedure in pediatric patients.

1:30 PM - 3:45 PM

Command & Control: The First Minutes of a Hostile Event

ALL

2.25 CE's - Operations

PRESENTED BY: Collin Hofschulte, Duluth (MN) Fire Department

This presentation describes the first steps needed to implement an incident command process applicable to multiple victim incidents, especially for active shooter or hostile events. Participants will be guided through the positional responsibilities required for roles necessary to command and control multiple patient incidents from the first unit's arrival. Personnel, irrespective of title, position, or rank can implement this system and begin the command process. From first responder to paramedic or firefighter, victim survivability remains higher when assignments are delegated and victim's are accounted for.

2:45 PM - 3:45 PM

Airway Fu for BLS Providers

BLS

1.0 CE - Airway

PRESENTED BY: Kelly Grayson, MEDIC Training Solutions

No matter who is holding the laryngoscope, airway management is a team sport. It doesn't matter if the medic wields his 'scope with all the panache of an airway samurai, a skilled set of hands to assist in the procedure often spells the difference between success and failure. This presentation will discuss ALS-assist skills for endotracheal intubation, supraglottic airway insertion, BVM ventilation, pre-oxygenation and airway positioning, and other tips and tricks for BLS airway management.

2:45 PM - 3:45 PM

Death by Rescue: Managing Crush Injuries

ALS

1.0 CE - Trauma

PRESENTED BY: Douglas Hexel, New York State Urban/Technical Search and Rescue TF-2,

The most important component of Technical Rescue is the rescue. Rescue implies the removal of a LIVE victim, which can only be accomplished with a built-in, comprehensive medical program. In many cases, lack of a medical component and prompt, advanced patient care will result in adverse effects and/or death. While all programs stress the highly technical component of scene stabilization and victim disentanglement, only some programs also stress the vital patient care and packaging needed to maximize patient outcome. This course will focus on "bridging the gap" between Rescue and Medical in complex technical rescue situations to avoid the proverbial "death by rescue."

2:45 PM - 3:45 PM

Emotional Intelligence in Leadership: It's All About You

Management

1.0 CE - Operations

PRESENTED BY: Jesse Coulson, City of Spencer (IA) Fire Department
Jordan Coulson, Village of Oregon Police Department

Leadership can come from any level within an organization, but being a leader worth following requires intentional, deliberate, and consistent action. One critical element to being a strong leader is found with one's Emotional Intelligence. This course will define Emotional Intelligence, explain why it is the foundation of leadership, and provide tools for today's leader to bring out the best in those they lead. Additionally, we will discuss how your leadership style impacts culture, recruitment, retention, and the diverse generations within your organization. Furthermore, we'll discuss the connection between leadership and first responder mental health and well-being. During this training you will hear from two different generations on how your leadership matters!

4:00 PM - 6:00 PM

Keynote & Awards Ceremony
Your Best EMS Self: Practicing Proactive Professionalism

ALL

1.0 CE - Operations

PRESENTED BY: Dr. Raphael Barishansky,
EMS & Public Health Consultant

What does it mean to be a "professional?" Do you consider yourself to be one? We consider people to be professional based on their job, their accomplishments or just in the way they present themselves. In the wildly diverse world of EMS however, those parameters are not always clearly defined. Is a universal standard of professionalism possible in an industry that ranges from volunteer to career, rural to urban, municipal to hospital? Even if such a standard exists, EMS is a 24/7 occupation. With social media, cell phones and now drones capable of documenting our every move, how difficult is it to be a professional at all times? Should we be? Ray will draw on his more than 25 years in EMS and review the fundamentals of professionalism with an emphasis on working in the modern EMS environment. By offering practical advice based on real-world examples, he will give EMS providers, managers and educators a renewed look at the need for professionalism in EMS and how to individually pursue it.



8:00 AM - 9:00 AM

Live and Let Die... with Dignity: Handling death and honoring the DNR

BLS

1.0 CE - Medical

PRESENTED BY: Janet Taylor, Golden Valley Memorial Hospital, Clinton MO

How many have you responded to the residence of someone who is dying and when asked about DNR paperwork, the family responds, "Oh, we've been meaning to get that done", or "it's here somewhere". We will review the difference between dying and actively dying, and how to honor what your patient would have wanted, maybe even if the family isn't willing.

8:00 AM - 9:00 AM

The Battle Within: Autoimmune Diseases

BLS

1.0 CE - Medical

PRESENTED BY: Chris Ebright, University of Toledo EMS Program

A healthy immune system defends the body against disease and infection. But if the immune system malfunctions, it mistakenly attacks healthy cells, tissues, and organs. Called autoimmune disease, these attacks can affect any part of the body, weakening bodily functions, and even become life-threatening. Most of these diseases have no cure, and some require lifelong management to ease a patient's symptoms. This presentation will discuss some of the common patients you may encounter and how to best manage their underlying condition.

WORKSHOP 8:00 AM - 12:00 PM LIMITED SEATS

Ultrasound for EMS

ALS

4.0 CEs - Medical

PRESENTED BY: Dr. William Scheels, Medical College of Wisconsin - Emergency Medicine
Michael Robinson, Jason Jurack, & Ben Holstine, Froedtert Hospital

Unlock the power of portable ultrasound in the fast-paced world of emergency medical services (EMS). This hands-on session is designed for Nurses, Paramedics, and A-EMTs, offering an approachable introduction to using portable ultrasound devices in the pre-hospital setting. Learn the essentials of obtaining vascular access and performing Extended Focused Assessment with Sonography for Trauma (E-FAST) exams.

Participants will have the opportunity to practice using various brands of portable ultrasound devices, gaining familiarity with their operation and application in real-world emergency scenarios. No prior ultrasound experience is necessary—by the end of this session, you'll walk away with the foundational knowledge to start integrating ultrasound into your EMS toolkit. This presentation will familiarize participants with the use of Ultrasound devices to obtain vascular access in the pre-hospital space. It covers the basics of ultrasound equipment, the vein/catheter selection process, and the technique for cannulating a vessel using ultrasound. Participants will also learn to navigate the various challenges associated with IV insertions, ensuring proper technique and improving patient care outcomes.

8:00 AM - 10:15 AM

Plugging into People: Cultivating Connection through Vulnerability, Trust and Feedback

Management

2.25 CEs - Operations

PRESENTED BY: Courtney Hull & Jeremy Blair, Waukesha County Technical College

If you strive to be a part of a high-performing organization, you must learn how to build connection with others. The basis of high-performing teams comes down to an environment of psychological safety. Vulnerability-based trust helps to speed the process of trusting others and creating an environment safe to provide constructive feedback for growth.

9:15 AM - 10:15 AM

Why did that happen? How understanding the Social Determinants of Health makes better EMS providers and leaders.

BLS

1.0 CE - Operations

PRESENTED BY: Dr. Raphael Barishansky, EMS & Public Health Consultant

As EMS agencies continue to expand their community footprint through various programs, now is the time to research and understand the Social Determinants of Health (SDOH) and how these distinct variables impact our patients and our systems. With areas such as understanding and impacting health outcomes, improving access to services and reducing emergency department use, recognizing and utilizing SDOH effectively in the prehospital environment can be the next big step in unlocking how EMS can be utilized more effectively in the community. EMS providers regularly engage with patients who have complex health and social service needs, including people with precarious housing and employment status and those with chronic addiction and mental health conditions. As mobile healthcare professionals who spend one-on-one time with patients, EMS providers are uniquely positioned to understand and address the social factors that contribute to patients' health. In this presentation, join Ray Barishansky, an experienced EMS professional with clinical, managerial and executive leadership experience as he will review what you need to know about the Social Determinants of Health.

WORKSHOP **9:15 AM - 11:30 AM** **LIMITED SEATS**

First on Scene: Essential Skills for EMTs in Obstetric Emergencies

BLS

2.25 CEs - Medical

PRESENTED BY: Courtney Pickar, Ascension Healthcare

Attendees will have the opportunity to have hands-on interaction during obstetric simulations. Presenters will cover some uncommon and common scenarios like maternal cardiac arrest, precipitous newborn delivery, hemorrhage and cord prolapse. Attendees should wear clothing that may get dirty and allows for freedom of movement.

10:30 AM - 11:30 AM

Be a Stroke Super Hero!

BLS

1.0 CE - Medical

PRESENTED BY: Genevieve Kuchinsky & Paul Vilar, Aurora St. Luke's Medical Center Stroke Program

Stroke care has advanced significantly over the past couple decades. These advances have led to improved patient outcomes. This presentation will provide an overview of stroke treatments and advances over the years, including a focus on the continuum of care from time of stroke symptom onset to post discharge.

10:30 AM - 11:30 AM

When You Fail to Plan, You Plan to Fail: Why You Need a Strategic Plan to Safeguard Your EMS Agency's Future

Management

1.0 CE - Operations

PRESENTED BY: Dr. Raphael Barishansky, EMS & Public Health Consultant

Many EMS agencies - whether they are career or volunteer, municipal or commercial - are mired in the "here and now", paying little attention to the future. Rational, well planned and thought-out strategic plans - with input from all levels of your EMS agency - can help make the future less frightening and put EMS agencies on the right road for success. Development of the vital components of a strategic plan - a SWOT analysis, a mission statement, a vision statement and identification of goals and objectives as well as implementation tips - will be reviewed. Relevant examples from real world EMS issues - including MIH implementation, transitioning from a volunteer agency to a combination department as well as volunteer recruitment and retention initiatives - will be presented and analyzed from a strategic perspective.

1:30 PM - 2:30 PM

BLS

Pregnancy Panic: What to Do when Obstetric Emergencies Strike Outside the Hospital

1.0 CE - Medical

PRESENTED BY: Courtney Pickar, Ascension Healthcare

Attendees will learn about some of the unique physiologic changes of pregnancy. Then incorporate that knowledge to recognize and understand warning signs of common OB emergencies and the interventions behind management. Discussion will include topics such as pre-eclampsia, eclampsia, select cardio/pulmonary conditions, and hemorrhage.

WORKSHOP 1:30 PM - 2:30 PM LIMITED SEATS

BLS

Them Bones: Extremity Trauma

1.0 CE - Trauma

PRESENTED BY: Janet Taylor, Golden Valley Memorial Hospital, Clinton MO

Is it broken? What is the difference between a sprain and a strain? When are you allowed to walk on a broken leg? Which is better, a pillow splint or a flexible aluminum splint? What is compartment syndrome? When should we worry about this? This presentation will go over the bones, and joints of the human body, mechanism of injury, and splinting. We will also cover Compartment Syndrome and other post-surgical concerns of joint replacements/repair.

1:30 PM - 2:30 PM

ALS

The Sinister Six

1.0 CE - Cardiology

PRESENTED BY: Chris Ebright, University of Toledo EMS Program

As an advanced practice provider, you are expected to be able to discern dangerous rhythms on the 12-lead ECG. Yet, there are a multitude of rhythms that mimic the often feared STEMI, and mistaken for an acute myocardial infarction. This leads to inappropriate activation of cardiac catheterization lab personnel, as well as inappropriate treatment of patients. This presentation will discuss six commonly misinterpreted STEMI-mimics encountered by EMS professionals, and help you distinguish between what is real and what is fantasy.

1:30 PM - 3:45 PM

Management

What's Your Welcome? Recruiting and Attracting the Next Generation of First Responders

2.25 CEs - Operations

PRESENTED BY: Courtney Hull & Jeremy Blair, Waukesha County Technical College

The creation of an inclusive environment is one of the most important factors for recruitment and retention. This interactive session will cause fire and EMS services to pause and reflect on their recruitment activities to attract the next generation of first responders and how to stand out as an employer of choice. Tangible strategies and activities will be shared that can be immediately applied to attract and retain your next generation responders. Hear directly from those currently seeking job opportunities on what they are looking for in their career search.

2:45 PM - 3:45 PM

Critical Updates: Top 10 Conceptual Changes in Military Prehospital Medicine

BLS

1.0 CE - Trauma

PRESENTED BY: Thomas Engel, MCW Department of Emergency Medicine & Milwaukee County Office of Emergency Management Division of EMS

Military and civilian prehospital medicine hold unique yet parallel aspects of EMS Medicine. Both entities drive important change in conceptual and operational advancement in prehospital medicine. At the same time, Military and Civilian EMS Medicine require each other to train Prehospital Medicine Providers and research best practice changes. Through understanding of the top conceptual Military Prehospital Medicine Changes, Civilian EMS Providers will have an improved perspective of the leadership skills, research questions, educational needs, and operational possibilities of advancement in Prehospital care.

2:45 PM - 3:45 PM

Industrial Revolution: Traumatic Injuries Specific to Industrial Settings

BLS

1.0 CE - Trauma

PRESENTED BY: Janet Taylor, Golden Valley Memorial Hospital, Clinton MO

Responding to a trauma in an industrial setting can be challenging just with the different settings possible in your service area. Welding shops, paint shops, farms/ranches, auto mechanics, and construction sites are just a few examples of what we can respond to. While general trauma care is still utilized, we need to understand specifics with industrial settings. In this presentation, we will address some of the specific injuries we would see in industrial settings. We will go over chemical exposures and decontamination, ocular injuries, high pressure injection injuries, degloving, impaled objects, burns and Harness/Suspension syndrome to name a few.

2:45 PM - 3:45 PM

ECG Patterns of High-Risk Syncope

ALS

1.0 CE - Cardiology

PRESENTED BY: Chris Ebright, University of Toledo EMS Program

Syncope is a relatively common call for EMS professionals, with a broad range of differential diagnoses from benign issues to life-threatening conditions. Obtaining an ECG should be a key aspect of nearly every syncope workup. When doing so, prompt recognition of a high-risk ECG pattern is a critical skill for paramedics and other EMS personnel to be able to provide the best care possible and deliver a patient to the most appropriate facility in a timely manner.