

Wednesday, September 20, 2017

8:00am - 12:00pm

1798

Courage to Be Safe®

Mark Cromlich, Safety & Training Chief, Carmel Fire Department

Suite 4 & 5

Fire Management

Credit: 4.0

Abstract: Firefighters must have the courage to face a multitude of risks in order to save lives and protect their communities. Their courage allows them to willingly risk their own lives so that others can be saved. A different type of courage is required to stay safe in potentially dangerous situations, avoiding needless risks and tragic consequences. This provocative and moving presentation is designed to change the culture of accepting the loss of firefighters as a normal occurrence. Building on the untold story of LODD survivors, it reveals how family members must live with the consequences of a firefighter death and provides a focus on the need for firefighters and officers to change fundamental attitudes and behaviors in order to prevent line of duty deaths. The central theme promotes the courage to do the right thing in order to protect yourself and other firefighters and ensure that "Everyone Goes Home" at the end of the day.

8:00am - 12:00pm

1795

Introduction to Line of Duty Death and Public Safety Officers' Benefits

Eric Johnson, Executive Director, SUPPORTING HEROES

Suite 8 & 9

Fire Management

Credit: 4.0

Abstract: Students will learn how to determine when to treat a death as LODD versus non-LODD "an area in which there is great misunderstanding" including the often misunderstood guidelines concerning heart attacks. They will also develop a basic understanding of federal LODD benefits (PSOB) including eligible agencies and beneficiaries as well as how agency policies affect PSOB coverage of certain activities and personnel.

9:00am – 12:00pm

1823

Indiana EMS Work Group

Jeffrey Quinn, Indiana

Suite 16

Adult Education

Credit: 1.0

Abstract: The Indiana EMS Education Workgroup will hold its bi-monthly meeting on site at IERC. This Workgroup is open to membership for all Indiana Primary Instructors but all those interested in EMS Education may attend the open meetings to learn what issues are facing EMS education in Indiana.

1:00pm – 5:00pm

1788

Leadership from the Bottom Up

Candace Ashby, Battalion Chief, Indianapolis Fire Department

Suite 8 & 9

Leadership Administration & Human Relations

Credit: 4.0

Abstract: Are you ready for a fun and engaging leadership class that is designed to inspire, educate, and motivate? How about a class that provides relevant, relatable, and realistic information you can use? Public Safety is a unique work environment where everyone strives for democracy within a bureaucracy. Leadership from the Bottom Up helps supervisors understand they must rely a mixture of effective management and leadership skills on and off the scene to build a successful team. This requires any supervisor to be both a buddy and a boss. Using one over the other can lead to ineffectiveness. People want direction, they want to know the boundaries, and supervisors need to provide it. This class will help enhance your leadership and management abilities while learning how to walk the fine line between being a buddy and a boss!

3:00pm – 5:00pm

1826 EMS Commission Meeting

Suite 16
Credit: 2.0

Thursday, September 21, 2017

8:00am – 8:45am

Opening Ceremony
Clearwater Ballroom A/B

8:45am – 9:15am

Memorial Ceremony
Clearwater Ballroom A/B

9:30am – 10:30am

1816 General Session
Chief Tom Jenkins, IAFC President

Clearwater Ballroom A/B
Credit: 1.0

11:00am - 12:00pm

1759 Fire Department Administrative / Operational Gap
Pedro Caceres, Battalion Chief, Wayne Township Fire Department

Suite 16
Fire Management Operations
Credit: 1.0

Abstract: The administrative / operational gap refers to the differences that exist in vantage point and therefore in opinions within the members of the fire department. This class explores a common problem for many fire departments, identifying some causes, and possible solutions. The purpose for this class is to begin a dialogue that can help both sides.

11:00am - 12:00pm

1758 Learning to Assess like a Two-Year-Old
Jennifer Knapp, Paramedic, IVY Tech Community College

Suite 4 & 5
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: Assessments are sometimes difficult to navigate. Answering the questions and concerns of our inner two-year-old might help us to navigate more efficiently.

11:00am - 12:00pm

1728 Experts Think Logistics - Effective Use of Simulation in EMS Education

Joshua Borkosky, EMS Education Manager, University of Cincinnati

Suite 11 & 12
Adult Education (ALS/BLS)
Credit: 1.0

Abstract: This presentation will give EMS educators strategies for implementing simulation training in to their EMS courses. We will discuss ways to best utilize high fidelity simulation, from planning the scenarios to effective debriefing. We will also discuss ways to incorporate simulation training when your budget doesn't allow access to expensive simulators. We will focus on the pitfalls of simulation training that frustrate and distract students from learning. Our goal will be to get educators to focus on educational methodology to teach critical thinking skills rather than the fancy (or not so fancy) equipment they have access to.

11:00am - 12:00pm

1757 Rural Trauma Care

Tom Dykstra, EMS Medical Director, PEP

Suite 8 & 9
Emerging Trends & Topics (ALS)
Credit: 1.0

Abstract: A review of trauma care principles for rural healthcare.

11:00am - 12:00pm

1777 Protecting Your Most Important Asset! Wellness!

James Noll, Captain / Training Coordinator, Fort Wayne Fire Dept.

Suite 6 & 7
Safety Health and Wellness
Credit: 1.0

Abstract: With today's Emergency Services becoming more demanding on our personnel physically and mentally we need to find a way to make their overall wellness a higher priority in our organizations. We will look at what is a "Wellness Program" and resources available to start, improve, or maintain.

11:00am - 12:00pm

1710 What some teens are doing

James Ginder, Health Education Specialist/ EMS Educator, Hamilton Co. Health Dept/ St. Vincent Hospital Indy

Metro
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: With the increase in "other" drugs, EMS providers need to be aware of these substance that young adults and teenagers are abusing. The substance that will be taught in this course are not the typical drugs seen by EMS providers. The learner will be able to: Describe what drunken gummies are, List three effects of smoking alcohol, recall three effects of jimson weed, identify three health effects for eye shots.

11:00am - 12:30pm

1748 **Fire Fighting - Response to a Natural Gas Incident**
Eric Madison, Public Awareness Prog Manager, NIPSCO (a NiSource, Co.)

Suite 2 & 3
Hazardous Materials
Credit: 1.5

Abstract: At NIPSCO safety is our top priority. A program was developed that incorporates emergency response strategies while at the same time educating first responders in the gas delivery system, product properties and characteristics (using live demonstrations), using a combustible gas indicator as well as a host of other dangers that confront emergency responders at a natural gas incident.

11:00am - 12:30pm

1782 **Five C's of Leadership**
Joel Thacker, Fire Chief, Plainfield Fire Territory

Suite 15
Leadership Administration & Human Relations
Credit: 1.5

Abstract: How are Fire Chiefs successful in overcoming difficult times, effecting change, and leading their organization? Five C's of Leadership discusses expectations and character traits that will help the Chief and/or Company Officer lead their organization through good times and bad. Discussion will focus on Communication, Caring, Consistency, Courage, and Command Presence. These traits are tested and have provided great results from one organization to another.

1:00pm – 2:30pm

1822 **Taking Action Against Cancer in the Fire Service**
James Halleck, Firefighter/Paramedic, Decatur Township Fire Department
Steve Dillman, IFD Lieutenant Engine 27 (retired), Firefighter Cancer Support Network

Suite 6 & 7
Safety, Health, & Wellness (ALS / BLS)
Credit: 1.0

Abstract: Cancer is the most dangerous threat to firefighter health and safety today. Cancer caused 60 percent of line-of-duty deaths for career firefighters between 2002-2014. The Firefighter Cancer Support Network provides cancer awareness, prevention, and treatment support for firefighters worldwide.

1:00pm - 2:30pm

1737 **Mobile Integrated Health**
Thomas Small, EMS Chief, Carmel Fire Department
Sunny Lu Williams, Vice President of Medical Solutions, Telamon

Suite 8 & 9
Emerging Trends & Topics (ALS)
Credit: 1.5

Abstract: A how to presentation, Lessons Learned, Hoops to jump through, medical direction, setting up a business plan for City Hall, how to contract with hospitals, documentation needed for actual patient contacts, outcomes of those contacts and who needs to see them. Focus on outcomes of the patients that have been enrolled in our program and why this is important.

1:30pm - 2:30pm

1792 iPads in the Fire Service

Chris Bachman, Deputy Chief, Pike Township Fire Department
Aaron Cleveland, IT Coordinator, Pike Township Fire Department

Suite 16
Fire Management Operations
Credit: 1.0

Abstract: The first iPad was released on April 3, 2010 and over 350 million iPads have been sold to date. This portable tech device can be an incredible tool for fire departments if managed properly. This course will provide a step by step plan to properly implement, secure and manage this tablet. Multiple features and apps will be demonstrated for different uses with pre-plans, apparatus checks, document management, CAD integration and accountability at incidents. The notion that a Windows based operating system and iPads can't sync calendars, tasks, emails and documents will also be dispelled.

1:30pm - 2:30pm

1718 LODD: Sharing a Firefighters Journey

Steven Orusa, Fire Chief, Fishers Department of Fire and Emergency Services

Suite 15
Leadership Administration & Human Relations
Credit: 1.0

Abstract: The purpose of this presentation is to understand a LODD experience. Sharing the circumstances of living through what happened. Discussing the professional trials and tribulations. Defining the personal challenges. It's impact from firefighter to fire chief. What coping mechanisms were successful and why did others fail. What sustains you and how do you endure the tragedy. The presenter was a member of an engine company that lost its officer in the line of duty at a structure fire. This is the first time he will speak publicly of this experience in an effort to help develop understanding and support for those who may experience their worst day in the fire service.

1:30pm - 2:30pm

1754 Stop the Bleed

Catana Philipps, Injury Prevention Coordinator, IU Health Methodist Hospital

Suite 4 & 5
EMS Clinical (BLS)
Credit: 1.0

Abstract: Trauma is an epidemic in the U. S. and intentional mass casualty incidents are on the rise. A person who is bleeding can die from blood loss within minutes, therefore it is important to quickly stop the blood loss. "Stop the Bleed" is a nationwide campaign to empower individuals to act quickly and save lives.

1:30pm - 2:30pm

1720 Come & Follow Me: Being an Effective Trainer

Kraig Kinney, Paramedic / EMS Instructor, St. Vincent affiliates

Suite 11 & 12
Adult Education (BLS)
Credit: 1.0

Abstract: This program covers basic principles of training others that are applicable to instructors but also targets anyone who deals with new hires or trainees, such as a field training officer/preceptor. It will include overview principles as well as a discussion format for application of those principles to the EMS setting.

1:30pm - 2:30pm

1750

Responder Safety at Railroad Incidents

Russell Feuquay, Captain / HazMat Director, Terre Haute Fire Department

Suite 2 & 3

Hazardous Materials

Credit: 1.0

Abstract: This presentation is meant for all first responders. We will discuss the safety issues involved with a response by Fire, Police, or EMS that occurs on railroad property or involves railroad equipment including an extra section on Bakken Crude Oil Unit Trains. First Responder Safety is more than Stop, Look, and Listen.

1:30pm - 3:30pm

1756

Pre-Hospital emergencies in the smallest patients

Lisa Mayer, Simulation Educator, IU Health, Section of Neonatology

Cindy Grande, Simulation Educator, IU Health, Section of Neonatology

Bobbi Byrne, Neonatologist, IU Health Physicians

Clearwater B

EMS Clinical (ALS)

Credit: 2.0

Abstract: This presentation uses simulation to practice the skills necessary to successfully resuscitate newborn infants and pediatric patients. Using Pediatric Advanced Life Support (PALS) algorithms and Neonatal Resuscitation Program (NRP) flow diagram, learners will work through multiple scenarios and debrief as a team. At the conclusion of this session learners will have a greater understanding of the necessary components of newborn and pediatric resuscitation.

2:45pm - 4:15pm

1764

A Look at Agricultural Responses for the Non-Farmer

Ben Peetz, Assistant Fire Chief, Napoleon Volunteer Fire Dept

Suite 16

Fire Management Operations

Credit: 1.5

Abstract: In generations past, volunteer firefighters and emergency responders often worked in farm and agribusiness operations. With this background, they were prepared to provide a response to an agricultural emergency. Today, responders to these operations may come from city or suburban backgrounds, with little or no idea of what to expect. This session will introduce a variety of agricultural exposures and hazards.

2:45pm – 3:45pm

1810

Change Management and 150 Years Unimpeded By Progress

Randal Collins, President & CEO, All Hazards Incident Management Teams Association

Suite 15

All-Hazards Management

Credit: 1.0

Abstract: Change is difficult, individually and organizationally. In public safety, we often joke about our history that is unimpeded by progress. The world, however, keeps spinning and requires change. Change could be the difference between the life or death of one of your responders. This presentation will cover the basics of change management and will discuss how to identify ideas for positive change.

2:45pm - 3:45pm

1797 **Peri-Mortem C-Section: A Case Review and How-to-Guide**
Michael Kaufmann, EMS Medical Director, St. Vincent Health

Suite 13 & 14
EMS Clinical (ALS)
Credit: 1.0

Abstract: Traumatic cardiac arrest is a life threatening situation with a negligible survival rate. A traumatic cardiac arrest in a pregnant women is even more of a challenging condition due to physiological changes which may further limit the generation of an adequate cardiac output (CO) despite adequate CPR. A peri-mortem cesarean delivery should be performed within 5 minutes of maternal cardiac arrest to maximize survival chances for both the fetus and the mother. This presentation will focus on the peri-mortem C-section procedure and discuss indications, contraindications and specific details of how to perform the procedure.

2:45pm - 3:45pm

1729 **Consider the Extarglottic**
Joshua Borkosky, EMS Education Manager, University of Cincinnati

Suite 4 & 5
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: This presentation will discuss the developing world of Extarglottic airway devices and their applications in the pre-hospital setting. We will define the terms Extarglottic, supraglottic, and retroglottic to fully understand the different devices that are on the market today. We will also discuss the advantages and disadvantages of the most commonly used devices in the pre-hospital setting. Finally, we will discuss the importance of understanding how Extarglottic devices are managed in the Emergency Department and beyond after they are placed by an EMS provider.

2:45pm - 3:45pm

1713 **Training Preparation and Assessment 101**
Brandon Wood, Chief Training Officer, Indiana Department of Homeland Security

Suite 11 & 12
Adult Education
Credit: 1.0

Abstract: This one hour instructional course, will provide the student the ability to learn the basic methodology of course design, management and implementation as it relates to any discipline within the emergency services (EMA, Fire, EMS, Law Enforcement, Etc.). This course is designed to provide the knowledge and requisite base for planning a course from start to finish. This course will provide Continuing Education credit for those needing Adult C/E for Instructor In-service.

2:45pm - 3:45pm

1763 **Team Communication Dynamics: Understanding your Team**
Meg Morris, Instructor, IU Health
Aaron Jeanette, Instructor, IU Health

Suite 8 & 9
Emerging Trends & Topics (ALS/BLS)
Credit: 1.0

Abstract: Communication issues can lead to a miserable work environment, employee turnover, and unsafe outcomes that impact your entire team. Regardless of your role, you can help to improve your team's communication skills. This interactive presentation will present practical insights into team dynamics that will help you be a more effective team member and work through conflicts as they arise. This presentation will be given by a team of three individuals who come from different backgrounds but successfully work together, on most days! Representing an age range of 25 years,

millennials, generation x and baby boomers, type A and B personalities, Introverts and Extroverts, and different career experiences, the presenters recognize the importance of understanding different perspectives and working towards a common goal. This presentation will share some of the impacts that team dynamics have on daily operations as well as consider communication styles and how to handle breakdowns and disagreements in a way that leads to actual outcomes and diffuses negative feelings.

2:45pm – 3:45pm

1801 Firefighter Cardiac Arrest- Navigating the Unthinkable - Lessons Learned
Heather Ellis, EMS Coordinator, City of Ventura Fire Department

Suite 6 & 7
Safety Health and Wellness (BLS)
Credit: 1.0

Abstract: Every chief officer dreads the phone call or page stating that he has a firefighter down. This session will explore the lessons learned by the City of Ventura Fire Department when that exact call was received. A City of Ventura Fire engineer suffered from cardiac arrest while driving emergent on a call. Some of the issues to be discussed will be hospital relations and the unique needs of the fire service family, peer counseling efforts / CISD, call review, press relations, maintaining family privacy, and firefighter wellness.

2:45pm - 3:45pm

1711 Emergency Preparedness- Private Industry and Local Agencies Working Together
Louie Kavanaugh, PSM (Process Safety Management) Coordinator, Duke Energy

Suite 2 & 3
Hazardous Materials
Credit: 1.0

Abstract: This presentation will focus on the emergency preparedness and response planning that has been taking place between Duke Energy's power generating facility and local emergency response organizations in Knox and Daviess Counties (Local Emergency Planning Committees (LEPCs), Emergency Management Agencies (EMAs), fire departments, Emergency Medical Services (EMS), and other stakeholders). In the 6 years of working together several best practices have been developed of which stakeholders in the industry could benefit and learn from. These include, but are not limited to, community emergency notification system established (i.e. Code Red), joint Hazmat response exercises, joint participation in LEPC meetings, Memorandum of Understanding establishing roles, responsibilities and expectations in the event of an industrial emergency, and methods of communication between the facility Incident Commander and county EMAs. Participants will learn what steps can be taken for an improved emergency preparedness and response.

2:45pm – 3:45pm

1814 Dodging the Landmines; Being an Effective Leader Through Discipline
Dan Smith, Fire Chief, Washington Township/Avon Fire Department

Metro
Leadership Administration & Human Relations
Credit: 1.0

Abstract: In the public safety arena, discipline is seen as a "bad word", or something that we shy away from or ignore at all costs. As effective leaders, we must learn to embrace discipline and hone our skills to create an effective, happy and productive employee and person. If done properly, discipline can be a great way to direct employees to a positive outcome.

4:00pm - 5:00pm

1762 Prehospital Ventilator Management Simplified
Ben Purdy, Flight Paramedic, St Vincent StatFlight

Suite 13 & 14
EMS Clinical (ALS)
Credit: 1.0

Abstract: The Ventilator is arguably one the most lethal pieces of equipment that can be placed into the hands of a paramedic. Knowledge of basic respiratory physiology and ventilator terminology will lead to safer and more effective prehospital ventilator management strategies.

4:00pm - 5:00pm

1807 The Intubation Decision

Seth Bard, Education Coordinator, Three Rivers Ambulance Authority

Suite 4 & 5
EMS Clinical (ALS)
Credit: 1.0

Abstract: Making the decision to intubate is a split-second decision that a paramedic must make. A newer paramedic can become overwhelmed in the decision making process. Intubation success has been, and will continue to be, a hot topic in prehospital care. The failed intubation will be the one you will be judged on. In a review of local data, missed intubations occurred frequently on patients that required sedation. This course will look at some questions that a paramedic can go through as they make the decision whether to intubate or manage the airway by BLS means.

4:00pm - 5:00pm

1772 The Indianapolis EMS Training Academy

Dan Lewis, Training Officer, Indianapolis EMS
Rick Clark, Training Officer, Indianapolis EMS

Suite 11 & 12
Adult Education
Credit: 1.0

Abstract: Indianapolis EMS as instituted and new employee training academy. The academy is designed to prepare new employees for a fast paced high performance EMS system. We focus on high-risk low frequency skills, critical thinking skills and simulation training. The academy focuses on nuts and bolts and provides the new employees with the tools to be successful. The academy also builds cultures of safety, customer service, and patient centered care.

4:00pm - 5:00pm

1796 EMS Update 2017 - A Review of Recent Literature

Michael Kaufmann, EMS Medical Director, St. Vincent Health

Suite 8 & 9
Emerging Trends & Topics (ALS/BLS)
Credit: 1.0

Abstract: In this course, Dr. Kaufmann will review the most pertinent literature impacting EMS care from the last 12-24 months. Topics will include mechanical CPR devices, heads up CPR, red lights and sirens, stroke care, and many others.

4:00pm - 5:00pm

1716 Introduction and Overview of Post Traumatic Stress Disorder PTSD

Stephen Coover, Technical Specialist, Indiana Task Force 1

Suite 6 & 7

Safety Health and Wellness
Credit: 1.0

Abstract: Post-traumatic stress disorder (PTSD) is characterized as an anxiety problem that people sometimes experience after witnessing or being involved with a traumatic event, such as a fire, a war, an accident or the like. Often, people with PTSD have persistent frightening thoughts and memories of their ordeal and feel emotionally numb, especially with people they were once close to. This program explores some of the signs and symptoms as well as provides case studies in an effort to create an understanding of a culturally misunderstood issue

4:00pm - 5:00pm

1749 HazMat for EMS

Russell Feuquay, Captain HazMat Director, Terre Haute Fire Department

Suite 2 & 3
Hazardous Materials
Credit: 1.0

Abstract: This presentation is meant for ANYONE in EMS Response as a means to refresh your HazMat education and encourage safety. It will be presented in an Open Forum Discussion format to encourage different points of view on safety, treatment, and protocols by offering an EMS scenario and turning the rest over to the group. Bring your knowledge to the group as we discuss scenarios with a HazMat twist.

4:00pm - 5:30pm

1707 Leadership in a Volunteer Fire Department

Christopher See, Fire Chief, Jeff-Craig Fire & Rescue Inc.

Suite 15
Leadership Administration & Human Relations
Credit: 1.5

Abstract: Leadership in a Volunteer Fire Department is a 1.5 hour presentation discussing the a wide variety of issues that volunteer fire departments need to be aware of. We will look at some events that have occurred within Jeff-Craig Fire in an effort to spread the wealth of knowledge that our department has obtained. The focus will be to inform other volunteer fire department leaders on all the various areas of knowledge that one must obtain to be an effective leader for a volunteer fire department.

4:00pm - 5:30pm

1726 Ebola and Other Infectious Diseases of Public Health Significance for the Emergency Responder

Aurora Le, Academic Specialist, Indiana University School of Public Health - Bloomington

Metro
EMS Clinical
Credit: 1.5

Abstract: This lecture will delve into the content of infectious diseases of public health significance (IDPHS) “beyond education on disease transmission and the environmental persistence of organisms” to develop the skills to recognize hazards and mitigate them. The specific content of will include: IDPHS, lessons learned from the Ebola outbreak, occupational exposure scenarios, infection control measures, and personal protective equipment selection.

4:30pm - 6:00pm

1747 Risk Assessment to Develop Response Strategies

Jerry Nulliner, Division Chief (Retired), Fishers Fire Department

Suite 16

Fire Management Operations
Credit: 1.5

Abstract: In today's environment it is important to assess risk response agencies face prior to developing response strategies.

5:15pm - 6:15pm

1776 Patient Assessment: The Core of Patient Care
Douglas Randell, Division Chief of EMS, Plainfield Fire Territory

Suite 13 & 14
EMS Clinical
Credit: 1.0

Abstract: When we assess patients, we can miss critical parts of our assessment which could create a bad outcome for our patients if we don't have a systematic approach to assessing our patients. This process uses the alphabet as a simple design to a complex algorithm.

5:15pm - 6:15pm

1731 Why We Live, Why We Die: Impacts at the Cellular Level
Randall Benner, EMS Educator & Flight Paramedic, AirEvac Lifeteam

Suite 4 & 5
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: While EMS providers are taught to recognize signs and symptoms, categorize the patient into a field impression, and provide appropriate management; the fact is everything we do is based on keeping the cells of the body alive. In this presentation, we will discuss the major structures of the cell and relate how our treatment is actually geared to keeping the cells alive rather than assuming we are combating some pathophysiology. This will better underscore the "what" we do and "why" it is relevant.

5:15pm - 6:15pm

1765 Bringing Quality Improvement Into EMS
Michael Hunter, EMS Education Coordinator, Harrison County Hospital

Suite 8 & 9
Emerging Trends & Topics
Credit: 1.0

Abstract: EMS was founded on the idea of decreasing deaths from motor vehicle crashes. That was over 50 years ago. It's time for EMS organizations to join the rest of health care in the quality improvement revolution. This session is appropriate for senior leadership to the training officer. It will explore the benefits of developing a quality improvement program and look at steps you can take to put a quality improvement program in place.

5:15pm - 6:15pm

1793 What's Keeping You Up at Night?
Kari Lanham, RSGPT, RST, EMT, EMT-PI, EMT PI for Porter Regional Hospital / EMT for Immediate Care Center - Schererville, IN

Suite 6 & 7
Safety, Health & Wellness (BLS)
Credit: 1.0

Abstract: There are over 70 sleep disorders that can affect our lives. This class will explore some of the more common sleep disorders that can greatly affect our health, and work performance each day. Discover how sleep deprivation can put our patients, ourselves, and our co-workers lives in danger. We will discuss how sleep is regulated from a physiological point of view, signs and symptoms of common sleep disorders, dangers of untreated sleep disorders and sleep deprivation, testing, and treatment options available. You may be surprised how detrimental a sleep disorder can be to your cardiovascular system, brain function, and overall health and well-being.

5:15pm - 6:45pm

1715

Cat's Got Your Tongue?: Communicating with People Who are Nonverbal

Sharon Mankey, Continuing Lecturer and Clinical Director, Indiana University - Purdue University Fort Wayne

Mariesa Rang, Limited Term Lecturer, Indiana University – Purdue University Fort Wayne

Suite 11 & 12

Adult Education (ALS/BLS)

Credit: 1.0

Abstract: Individuals with disabilities are at a higher risk for being victims of crime and those who are nonverbal often face obstacles to getting assistance from first responders. Information they give can be of critical importance to the situation. Through this presentation and hands-on activities, first responders are advised on how to interact with people who use augmentative/alternative communication.

5:15pm - 6:45pm

1719

Assessing the Tactical Atmosphere

Alex Zielinski, Technical Instructor / Rescue Technician, Safety Training Services

Suite 2 & 3

Hazardous Materials

Credit: 1.5

Abstract: Inhalation is the primary route of exposure to any toxic or harmful substance. These hazards are not always apparent as we enter into an emergency scene. Sick patients, car fires, traffic stops, and confined spaces have the potential to be caused or aggravated by substances in the atmosphere and pose an additional threat. Responders must consistently take an active stance in initial and ongoing assessment of our breathing space.

Friday, September 22, 2017

8:00am – 9:00am

1817 General Session

Michael Hingson

Clearwater Ballroom A/B

Credit: 1.0

9:15am - 10:15am

1734

How High is Your Ladder?

Joseph Kruzan, Fire Chief, Schererville Fire Department

Suite 15

Leadership Administration & Human Relations

Credit: 1.0

Abstract: No...this is NOT Truck Company OPS. “How High is Your Ladder” will explore the pathway of success in leadership. Setting achievable goals and how to achieve them will be identified including some of the first “steps” to success.

9:15am - 10:15am

1803 Teaching to the Millennial - #Google That Sh*t!
Rebecca Hershberger, Paramedic-Frefighter, Penn Twp Fire Dept

Suite 11 & 12
Adult Education
Credit: 1.0

Abstract: The next generation of firefighter is unlike any generation before them. Millennials are new kind of learner. As educators we must adapt to the learning needs of today's students to build tomorrow's fire service. Being fully immersed in technology from birth, Millennials bring a different type of curiosity into the classroom. They look for the "why" as well as the "how" in everything they learn.

9:15am - 10:15am

1752 Stop the Bleed
Sherri Marley, Clinical Educator Trauma Services, Eskenazi Health

Suite 8 & 9
Emerging Trends & Topics (BLS)
Credit: 1.0

Abstract: The stop the bleed campaign was initiated by a federal interagency workgroup convened by the National Security Council. The purpose of the campaign was to build national resilience by better preparing the public to save lives by raising awareness of basic actions to stop life threatening bleeding following everyday emergencies and man-made disasters.

9:15am - 10:15am

1705 Fight the Feeling
Daniel Frazier, Paramedic, Robert Wood Johnson University Hosptial Mobile Health Service

Suite 6 & 7
Safety, Health & Wellness (ALS/BLS)
Credit: 1.0

Abstract: Emergency Medical Service providers have a job which creates psychological problems because of the everyday exposure to sick patients. These problems can lead to PTSD, Survivors Guilt, and even Suicide. As providers, we need not only look at our patients but also at ourselves on how we are doing physically and psychologically. This presentation will discuss some of the signs and symptoms of each along with how to help one's self or those that are affected. There will be a discussion on studies done and how they do affect the care we have for our co-workers. Look at PTSD through the eyes of one who has had PTSD and lives with the symptoms everyday.

9:15am – 10:15am

1727 Sepsis Awareness for EMS
Joshua Borkosky, EMS Education Manager, University of Cincinnati

Metro
EMS Clinical (ALS)
Credit: 1.0

Abstract: This presentation will cover everything the acute care provider needs to know about sepsis for both the pre-hospital and in-hospital settings. We will discuss methods to recognize sepsis during the initial EMS or Emergency Department assessment. The presentation will review the history of sepsis care and the Surviving Sepsis Campaign. We will also address how management guidelines and Sepsis 3.0 need to be applied by EMS and ED practitioners.

9:15am - 10:45am

1778

Close The Door For Life!

John Shafer, Training Chief, Washington Twp./Avon Fire Department

Suite 16

Fire Management Operations

Credit: 1.5

Abstract: The Presentation will include an intense and concentrated examination of Door Control and how it affects fire behavior in today's modern built environment and its direct relationship to firefighter and civilian survivability. This program will also take a look at how closing the door starts with educating the public, however the fire service has much to learn also about how our tactics can increase the fire growth or decrease fire growth and how we can save property and lives by controlling the air flow. This groundbreaking and informative program will utilize extensive multimedia materials to reinforce course content and subject areas. The student will receive the knowledge to take home to educate the five essential stakeholders which are the public, fire service, law enforcement, code enforcement and dispatchers. If the fire service can significantly increase proficiencies in door control/air track management and equate that to other fundamental operational aspects in structural fire operations, there would be a direct enhancement to firefighter safety through injury and LODD reductions in the future.

9:15am - 10:45am

1732

Critical Thinking in Critical Care

Randall Benner, EMS Educator, Flight Paramedic, AirEvac Lifeteam

Robbie Meek, Program Director, AE 133, AirEvac Lifeteam

Suite 13 & 14

EMS Clinical (ALS/BLS)

Credit: 1.5

Abstract: There are many things in EMS care that is based in "see this, do that". While that approach may work in some instances, it may not be the best approach when dealing with the patient who presents in a critical state. It is the intent of this presentation to discuss how to think about thinking critically so that EMS providers can derive maximal decisions with minimal information.

9:15am - 10:45am

1781

Basic Principles of Incident Response

Travis Stoffel, EMS Instructor, Indiana University

Suite 4 & 5

All-Hazards Management (BLS)

Credit: 1.5

Abstract: This session reviews principles of incident response and challenges commonly held misconceptions. It focuses on terrorism and other acts of violence, while touching on natural disasters and hazardous materials incidents. The session will analyze historical and current trends and paradigm shifts. It will emphasize the vulnerability of a community of any size to high-consequence incidents. The session is particularly suited for newer responders with minimal training and/or experience related to incident response.

9:15am - 10:45am

1724 The Rescue Task Force Concept - Integrated Respond Framework for High Threat/Mass Casualty Incidents

Mark Litwinko, Lieutenant, Fort Wayne Fire Department
Elizabeth Westfall, State Training Officer, Indiana Dept. of Homeland Security

Suite 2 & 3
Law Enforcement
Credit: 1.5

Abstract: The Rescue Task Force concept is a proactive response to high threat incidents that public safety agencies across the country now face. Police, Fire and EMS agencies must work collectively to provide point of wound care to victims that may otherwise die from preventable death injuries, even though this may involve assuming a higher level of risk.

12:30pm - 2:00pm

1733 Crush Injuries

Jan Kornilow MD, IUH BMH EMS Medical Director, IUH
William Gossett, EMS Manager, IUH BMH EMS

Suite 13 & 14
EMS Clinical (ALS/BLS)
Credit: 1.5

Abstract: Understanding Crush Injuries and Treatment

12:30pm - 2:00pm

1768 Disaster Dog 102: Treating the Working K9

Deanna Lazowski, Owner, Hot Shot Search Dogs, LLC
K9 Orion Lazowski, Hot Shot Search Dogs, LLC
K9 Gaia, Hot Shot Search Dogs, LLC

Suite 2 & 3
Law Enforcement
Credit: 1.5

Abstract: This course is designed to educate first responders working alongside canine resources of Search and Rescue. It will explore canine behavior, working hazards of the canine, and basic first aid of an injured canine. The course will also explore how to assist the canine handler in treating their injured canine partner, and what to do with the canine when the handler becomes a patient themselves. There will be hand-on demonstrations and activities with two working canines.

1:00pm - 2:00pm

1751 Public Awareness Campaign on CSST Lightning Fires

Robert Torbin, Director of Codes and Standards, OmegaFlex

Suite 16
Fire Management Operations
Credit: 1.0

Abstract: Corrugated stainless steel tubing or CSST is susceptible to damage from lightning strikes to residential structures. The CSST industry in conjunction with NASFM and others have instituted a safety campaign to alert home owners about the need for CSST inspections and upgrading the electrical protection against lightning. This presentation will highlight what and how this safety message is being delivered and how CSST technology is being improved to eliminate this threat to homeowners.

1:00pm - 2:00pm

1794

Budgeting For Small Fire Departments

Les Marckel, Fire Chief, Decatur Fire Department

Suite 15

Leadership Administration & Human Relations

Credit: 1.0

Abstract: This class will provide small departments both combination and volunteer with vital information how to manage or create budgets for effective funding of your service. Often small departments do not understand how to compile the data and present budgets to their governing bodies. This class will provide you with some basic principles to achieve a better budget process and manage the fiscal side of emergency response.

1:00pm - 2:00pm

1770

Crucial Conversations

Dan Lewis, Training Officer, Indianapolis EMS

Rick Clark, Training Officer, Indianapolis EMS

Suite 11 & 12

Adult Education

Credit: 1.0

Abstract: In a series of books, written by Kerry Patterson, et al, conversational skills are discussed to promote communication for messages of great importance under less than ideal conditions. From investigating issues to performance reviews, there are many lessons to be applied. Conversational skills are especially important for those critical few moments when you need to get your message across to your intended audience. Learning to communicate effectively under fire is a skill that public safety professionals at all levels should master.

1:00pm - 2:00pm

1789

So, You Want to Fly?

Ben Purdy, Flight Paramedic, St Vincent StatFlight

Joseph Bahr, Flight Paramedic, Air Evac Lifeteam

Suite 8 & 9

Emerging Trends & Topics (ALS)

Credit: 1.0

Abstract: Do you have a desire to become a Flight Paramedic? Is it something you have always dreamed? If so, this session is for you! This course will discuss what it takes to become a Flight Paramedic. It will also give you an overview of what things are really like. Industry safety, interview tips, and career development will all be discussed.

1:00pm - 2:00pm

1704

Gram of Laughter

Daniel Frazier, Assistant Supervisor Logistics/ Paramedic, Robert Wood Johnson University Hospital Mobile Health Service

Suite 6 & 7

Safety Health & Wellness (BLS)

Credit: 1.0

Abstract: Funny things happen all the time, in EMS those times seem to be more and more. Is it appropriate to laugh at the situations our patients have put themselves into? How does making my patient just smile benefit them, and how does laughter benefit me as an emergency responder or just an everyday person. In this lecture, we will discuss these questions with funny situations that have arisen for the Lecturer. You will walk away from this lecture with a new perspective on

the use of laughter while treating your patients, or you may walk away knowing what you have done all these years does work. Come and laugh for a while and learn doing it.

1:00pm - 2:00pm

1790

Surviving Toxic Leadership

Randal Collins, President and CEO, All Hazards Incident Management Teams Association

Suite 4 & 5

All-Hazards Management

Credit: 1.0

Abstract: Toxic leadership has destructive effects on an organization and its people. Unfortunately, it can be found in the fire house, in the squad room, and in the EOC. It can be present in daily functions and on the emergency scene. This presentation will focus on identifying toxic leadership and providing methods of identifying, mitigating, and surviving it.

1:00pm – 3:00pm

1702

8 hearts in a duffle bag: Guided cardiac dissection

Scott DeBoer, Founder, Pedi-Ed-Trics

Lisa DeBoer, President, Pedi-Ed-Trics

Clearwater A

EMS Clinical (ALS)

Credit: 2.0

Maximum 40 attendees

Abstract: Scalpels and scenarios, paired with step-by-step video and instructor guided dissections, allow attendees to experience an unforgettable view of medical & traumatic cardiac emergencies. During this 2 hour, all hands-on program attendees will perform guided cardiac dissections to review emergency anatomy and physiology with a special pediatric focus. Attendees will also discuss the key assessment findings as they relate to common cardiac medical and traumatic emergencies.

1:00pm - 5:45pm

1815

EMS Skills Arena – All Indiana EMR and EMT recertification Skills

Jeff Lawley, PI, Ivy Tech

Metro

ALS/BLS

Abstract: This interactive session will allow EMS personnel to gain the skills competency check off needed for their Indiana / National Registry re-certification.

2:15pm - 3:15pm

1785

Taking a Full Circle Approach to Hot Topics in the Fire Industry (Discipline, Apparatus & Equipment Purchases and Pension Processes): Consider Recent Developments, Hot Topics and Trends from a Legal, Operational and Political Perspective.

Tricia Leminger, Member, Frost Brown Todd, LLC

Suite 16

Fire Management Operations

Credit: 1.0

Abstract: This presentation addresses a full circle approach to recent hot topics and developments in the Fire Industry by examining each from a legal, operational and political perspective. With press and community focus on public safety, it is critical to consider multiple aspects (legal, practical-internal and external communications, community and political) relating to recent developments and trends in the fire industry.

2:15pm – 3:15pm

1827 **IDHS EMS Section – Question & Answer Session**
Candice Pope, EMS Certification and Compliance Section Chief

Suite15
Adult Education (ALS/BLS)
Credit: 1.0

Abstract: This session will cover all aspects of individual and provider certifications, education, and training. This is for anyone involved in EMS. Bring all of your questions for the IDHS Staff. Major topics to be covered: (1) Provider organizations, and supervising hospitals: Everything you need to know (2) Training Institutions and Primary Instructors: What you need to know (3) EMT Written Exam switch over from state exam to the National Registry: What it will mean to you.

2:15pm - 3:15pm

1717 **Improving Preoxygenation and Oxygenation During RSI**
Andrew Hall, Critical Care Paramedic, IU Health LifeLine

Suite 13 & 14
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: This presentation will look at improving your preoxygenation technique and providing optimal oxygenation during a RSI procedure. We will look at permissive and apneic oxygenation techniques and other ways to prevent oxygen desaturation during this risky and time critical procedure.

2:15pm - 2:45pm

1811 **When you don't know what you think you know**
Brittany Bard, EMS Education Coordinator, DeKalb Health

Suite 11 & 12
Adult Education (ALS/BLS)
Credit: 1.0

Abstract: Change is slow-going, but necessary. QA/QI programs within EMS are new and fluid. Lets prepare for when the trends of patient satisfaction scores and hospital initiatives trickle down to EMS. Data tracking can be used as a risk management tool to identify dangerous practices previously overlooked. Peer review is a vital process for providing objective information about our strengths and weaknesses and can guide further education.

2:45pm - 3:15pm

1753 **Team Spirit**
Candace Ashby, President, ELITE Public Safety Consulting, Inc.

Suite 11 & 12
Adult Education
Credit: 1.0

Abstract: The fire service depends on teams, whether you are in the companies or administration. Team spirit is the key to success that makes good teams great while delivering exceptional customer service! Team spirit is the enthusiastic attitude, pride, and loyalty that exists between team members that makes them want to succeed. Learn the tricks and tips of building morale and motivation within team members that will generate greater team spirit!

2:15pm - 3:15pm

1812 Collaborating to improve Home Safety and increase Family Survival Rates after Fires
Kimberly Stout, Senior Disaster Program Manager, American Red Cross

Suite 8 & 9
Emerging Trends & Topics
Credit: 1.0

Abstract: American Red Cross preparedness programs have led to increased home safety as evidenced by documented lives saved in home fires. In the last two years, partnerships have resulted in almost 20,000 smoke alarm installations in Indiana. Working together with the leadership of first responder agencies throughout our communities and their support in promoting these programs is crucial to this success.

2:15pm - 3:15pm

1709 Don't think, it can't happen to me!
Robert Wesley, Assistant Chief, Burns Harbor Fire Department

Suite 6 & 7
Safety, Health & Wellness (BLS)
Credit: 1.0

Abstract: On June, 8th, 2015 our department responded to an assist to a neighboring department, for a residential fire. We were assigned to cover calls within the city from their downtown station, while en-route, we were involved in a serious head-on personal injury crash, that resulted in the death of the driver of the passenger car. We will discuss the accident in detail and how it was handled by our department and administration and how it affected our members.

2:15pm - 3:15pm

1806 Conducting and documenting Homeland Security Exercise and Evaluation Program Drills and Events
Dariusz Wolman, Assistant Professor, Eastern Kentucky University

Suite 4 & 5
All-Hazards Management
Credit: 1.0

Abstract: All agencies are required to have an Emergency Operation Plan. After Hurricane Katrina, the Assistant Secretary for Preparedness and Response Act was created to provide grant funding to participating organizations. This funding requires an annual Homeland Security Exercise and Evaluation Program & After Action Report exercise. This presentation will focus on the planning and implementation of full scale exercises.

2:15pm - 3:15pm

1730 Officer Down!
Bryan Peterson, Firefighter-Paramedic, Fort Wayne Fire Department
Ryan Masters, Lieutenant, Pike Township Fire Department

2 & 3
Law Enforcement
Credit: 1.0

Abstract: This class will review two different EMS responses to fatal law enforcement "officer down" incidents. We will review the complications of these runs for EMS personnel, and provide tips on managing an already highly emotional scene. Both instructors have first hand experience dealing with these tragic incidents.

3:30pm - 4:30pm

1736 The First Step

Mike Connelly, Fire Chief, Evansville Fire Department

Suite 16
Fire Management Operations
Credit: 1.0

Abstract: Each of us must tap into our passion for life! There are many perceived obstacles that keep us from taking the first step toward fulfilling our life's purpose. As emergency response personnel we need to follow our passion and take that First Step!

3:30pm - 4:30pm

1706 What Fire Chiefs Should Know from the Side of The Wall - Perceptions and Realities Among Elected and Appointed Officials

Todd Burtron, Chief of Staff City of Westfield (Former Chief of Westfield Fire Department, City of Westfield, Indiana)

Suite 15
Leadership Administration & Human Relations
Credit: 1.0

Abstract: In the rigorously competitive environment of public finance all too often fire chief are under-informed about the complexities of funding fire service operations in a sustainable manner. Having served at every level within the department "including fire chief" and now serving as the Chief of Staff/Deputy mayor I have a unique experience portfolio worth sharing with other fire service leaders. This presentation is designed to provoke thought and inquiry thus allowing chiefs to consider how better interact with elected and appointed leaders within the government units they serve.

3:30pm - 4:30pm

1743 That SMELL, the LOOK, now TREAT it!

Andrea Zickmund, Paramedic/FF, Schererville Fire Dept

Suite 13 & 14
EMS Clinical (ALS/BLS)
Credit: 1.0

Abstract: Burn calls can be some of the worst calls an EMS provider can get. This presentation will review the burning process, the possible causes, and the specific treatments of burns including special populations. It will also discuss the difficult fears all FF/EMS professionals have of getting burned and the uphill battle of recovery and the inevitable question after recovery "Now what?"

3:30pm - 4:30pm

1825 Evolving Training in a High Performance EMS System

Daniel O'Shaughnessey, Educator Coordinator, Three Rivers Ambulance Authority

Suite 11 & 12
Adult Education
Credit: 1.0

Abstract: We will explore the using data and feedback to continually improve new employee training.

3:30pm - 4:30pm

1804 Female EMS leaders - Breaking Through the Glass Ceiling

Dariusz Wolman, Assistant Professor, Eastern Kentucky University

Suite 8 & 9

Emerging Trends & Topics
Credit: 1.0

Abstract: This presentation seeks to provide perspective on work environment, educational status, career path, work/life balance for women in EMS and gain an understanding on how they were able to succeed in a male dominated field and provide a plan to assist current agencies to attract, recruit maintain and promote female EMS providers and students as they embark on their careers.

3:30pm - 4:30pm

1714 Paramedic to Patient
John Malcomson, Director of EMS, Hardin County EMS KY

Suite 6 & 7
Safety, Health & Wellness (ALS)
Credit: 1.0

Abstract: A story of survival. Paramedic for 20 plus years turned critical patient in one night. The struggle physically and mentally during my aortic dissection repair and subsequent 134 day hospitalization. Dealing with a multitude of complications. "It can't happen to me" - We have all said those words. I will tell you that it can. This a true story based on my personal experiences in January 2016.

3:30p.m. – 4:30p.m.

1787 The Future of Public Safety Communications
David Vice, Executive Director and FirstNet Single Point of Contact (SPOC), Integrated Public Safety Commission (IPSC), an Indiana State Agency

Suite 4 & 5
All-Hazards Management
Credit: 1.0

Abstract: Public safety communication systems are constantly changing with advancing technologies. Join the Integrated Public Safety Commission to learn about the status of FirstNet, the forthcoming Nationwide Public Safety Broadband Network (NPSBN) which is a network dedicated to public safety. Attendees will also learn about the P25 upgrade to the statewide 800 MHz radio system and also the statewide CAD/RMS system.

3:30pm - 4:30pm

1769 Millennials in Public Safety
Dan Lewis, Training Officer, Indianapolis EMS
Rick Clark, Training Officer, Indianapolis EMS

Suite 2 & 3
Law Enforcement
Credit: 1.0

Abstract: Generational differences in the workplace have always the source of tension. Speaking at conferences for the last couple of years it has become clear to us that this is an issue in public safety. While in educational and management presentations, the conversation and questions come quickly to this topic and stay there. Let's focus a conversation on the differences and perspectives between the baby boom, gen Xer's, and the millennials and how to deal with each other in the public safety environment.

4:45pm - 5:45pm

1773 There Is More Than Just A Building
Aimee Shimasaki, Architect, MartinRiley architects - engineers
Chris Bachman, Deputy Chief, Pike Township Fire Department

Suite 16
Fire Management Operations
Credit: 1.0

Abstract: Planning for a new/remodeled/addition to an emergency response facility is complex. This presentation provides a broad overview of the process and specific checklist items to be considered. Some of the topics to be covered are spatial needs analysis, budget constraints, design considerations, and selecting a design team.

4:45pm - 5:45pm

1786 **Recruitment and Retention of Volunteers**
Charles Heflin, LEPC Coordinator, Indiana Department of Homeland Security

Suite 15
Leadership Administration & Human Relations
Credit: 1.0

Abstract: Students attending this program will be introduced to numerous tricks and tips that will help motivate their volunteers and retain them in the process. The discussion will be interactive and will focus on the challenges volunteer leaders face and how to improve the environment in which they volunteer so as to prevent them from leaving for other opportunities and encourage them to recruit additional volunteers. We will discuss how to change the motivational climate in the organization to make volunteerism fun but still productive. Students will discuss what challenges they face in their departments and learn how to use rewards and recognition as a way to motivate their volunteers to be more engaged in the department and be more inclusive in department activities. These tips and tricks can be done on limited budgets utilizing existing resources.

4:45pm - 5:45pm

1760 **How to Deal With Death In EMS**
Linda Belcher, EMT, PI, Franciscan Health-Hammond/ Michigan City Area Schools-AK Smith Center

Suite 11 & 12
Adult Education (ALS/BLS)
Credit: 1.0

Abstract: This presentation will be about how to deal with death at various ages of the patients. Having experienced multiple personal situations in my own life I can give a different perspective on the subject.

4:45pm - 5:45pm

1809 **Child Passenger Safety Resources in Indiana**
Preston Harness, Injury Prevention Program Coordinator, Indiana State Department of Health

Suite 8 & 9
Emerging Trends & Topics
Credit: 1.0

Abstract: This presentation will be focusing on child passenger safety resources throughout the State of Indiana. Information will be included on: how to become a child passenger safety technician (CPST); best practices as a CPST; become a fitting station in Indiana; how to get scholarships and grants to cover costs for becoming a CPST; and what resources are available to first responders.

4:45pm - 5:45pm

1800 **Stop the Bleed- Save a Cop**
Lori Postma, Emergency Preparedness Coordinator, Franciscan Health Munster

Suite 2 & 3
Law Enforcement
Credit: 1.0

Abstract: Police Officers have become targets for evil. Are your LEO's trained to save themselves or their partners? This class will discuss the present programs available. What can you do to train your officers how to save themselves until help arrives. We will go over what is advised for your training and equipment.

Saturday, September 23, 2017

8:00am – 9:00am

1818 **Dr. Michael Smith, FAEMS, Medical Director, Carle Regional EMS System**
History and Future of EMS

Plaza Ballroom
EMS
Credit: 1.0

9:10 – 10:10am

1819 **TBA**

Plaza Ballroom
EMS
Credit: 1.0

10:20am – 11:20am

1820 **Dr. Rachel Rodriguez, IU Health**

Plaza Ballroom
EMS
Credit: 1.0

11:30am – 12:30am

1780 **Timothy Pohlman, MD, FACS, Professor of Surgery, IU Health Methodist**
How to Recognize Shock in a Trauma Patient

Plaza Ballroom
EMS Clinical (ALS)
Credit: 1.0

Abstract: Shock can be caused by the loss of three things: airway, ventilation, or circulation. Early identification of shock in a trauma patient is key to patient survival. Therefore it is important to understand the various etiologies of shock in a trauma patient. As well as the initial management of shock in trauma patients.