



EMS ONE CONFERENCE

ONE TEAM - ONE GOAL

**Saturday, January 25, 2025
Indian Hills Community College
Rural Health Education Center**

**Join us for our annual EMS One Conference.
Earn **FREE** Continuing Education credit!**

Continuing Education available for all EMS providers (8 CEHs),
Emergency Nurses (6.7 Contact Hours) &
Respiratory Therapists (up to 6.5 Contact Hours)

<https://ihcc.edu/emsconference>

Please join us for the EMS One Conference! The EMS One conference committee and sponsors would like to recognize what you do and invite you to join us for a **FREE** day of learning, networking, food and fun! Last year’s event was so much fun we decided to do it again! This year we are adding vendors in the lobby and an expanded opportunity to perform and master skills.

Come and connect with other EMS providers. We may be from different regions, counties, and services, but we are ONE team. Providing the best emergency medical care we can, is our EMS ONE goal!

A continental breakfast, lunch and afternoon snack will be provided as well as coffee, water and soda all day.

Saturday, February 8, 2025 has been set as an alternate snow day. If we do have to move the event we may have to substitute some speakers/sessions.

Registration & Other Information

Registration: Even though the conference is free, registration is required to ensure enough materials and food. Please register by going to <https://ihcc.edu/emsconference> **Registration will be open until January 19th**. Walk ins will be accepted but may not receive printed materials or gifts and food will be on an as available basis.

Location: This event will be held in the Rural Health Education Center on the IHCC Ottumwa Campus. Maps and directions are available by clicking on “campus Locations” at the bottom of the IHCC website www.indianhills.edu

Continuing Education: All sessions in this conference have been approved for 8 CEHs of EMS credit. Topic areas are indicated below. EMS providers may attend any session- BLS, ALS, CCP, or skills, regardless of their certification level or endorsement. Nurses may earn 6.7 contact hours, approved by the Iowa Board of Nursing, provider #12, by attending sessions designated for “RN” contact hours. Respiratory Therapists may earn up to 6.5 Contact hours for attending sessions designated for “RT”.

Food: Please email Lori Reeves if you have any food allergies or restrictions we should be aware of.

Photos: Photos of the conference participants will be taken to be used without compensation for publicity and public relations purposes by the entities sponsoring the conference. Please contact lori.reeves@indianhills.edu if you do not give your permission for your likeness to be used.

Conference Schedule

0730-0755 Registration & Breakfast

0755-0800 Welcome & Announcements

0800-0915 Keynote: Dr Ahmed & Chuck Gipson- Life or Limb? (EMS-T, RN)

0915-0925 Break

BREAKOUT SESSIONS:

	BLS	ALS	CCP	Skills
0925-1040	Special Delivery Janet Taylor (EMS-O/Peds, RN, RT)	Burns Management Eric Hamer (EMS-T, RN)	CCP: 12 Lead Jamie Temple (EMS-A, RN, RT)	TBD*
1040-1050	Break			
1050-1205	“Basically” Great Cardiac Care Chuck Gipson (EMS-A or C, RN, RT)	Rural Trauma Dan Stein (EMS-T, RN)	Ventilation Management Taylor Buchholz (EMS-A, RN, RT)	TBD*
1205-1245	Lunch			
1245-1400	Human Trafficking Ray Fiedler (EMS-O, RN)	Surviving Sepsis Chuck Gipson (EMS-M, RN, RT)	Critical Thinking Janet Taylor (EMS-A, C or M, RN, RT)	TBD*
1400-1410	Break			
1410-1500	CPAP Jamie Temple (EMS-A or C, RN, RT)	Vasopressors Janet Taylor (EMS-M or C, RN)	Hemodynamic Monitoring + M. Mitchell & H. Houston (EMS-C or M, RN, RT)	TBD*
1500-1510	Break			
1510-1600	EMS and the Criminal Investigation Mark Ludwick (EMS-O)	Documentation Jamie Temple (EMS-O)	Pain Management in the Field Bryon Bellinger (EMS-M, RN)	TBD*

*A more specific list of activities and facilitators each skills session will be provided the day of the conference

Presenters:

Azeemuddin Ahmed, MD, MBA, is a Clinical Professor of Emergency Medicine at the University of Iowa. He practices and teaches Emergency Medicine at the University of Iowa Carver College of Medicine and the University of Iowa Hospitals and Clinics. Dr. Ahmed is board certified in Emergency Medicine and sub-specialty board certified in Emergency Medical Services by the American Board of Emergency Medicine.

Bryon Bellinger, RN, MSN, ARNP, FNP-C started his career in healthcare in 1999 in EMS. He has more than 15 years' experience as a paramedic having worked 911, interfacility transports, critical care, and as both a tactical medic and flight medic before becoming an RN and ARNP. He currently has 8 years' experience as a nurse practitioner working ER and internal medicine as a hospitalist and 2 years' experience in trauma and acute care surgery.

Taylor Buchholz, has been in EMS for over 10 years working on several EMS services including Henry County EMS and his current position as a flight medic with MedForce Aeromedical Transport in Burlington. Taylor has also been a Reserve Sheriff's Deputy and a volunteer firefighter.

Ray Fiedler, is a Coordinator for the Office to Combat Human Trafficking in the Division of Intelligence and Fusion Center at the Iowa Department of Public Safety

Chuck Gipson, MA, NRP / CCP is the Quality and Compliance Manager for MEDIC EMS of Scott County. He has been a Nationally Registered Paramedic for thirty years and has been with MEDIC EMS for 27 years serving as the Clinical Support Specialist managing the Critical Care Paramedic Program and the MED-COM dispatch center.

Kim Hamilton RN, BSN is currently the Clinical Education Coordinator for Ottumwa Regional Health Center. Previous to that she was an instructor and Simulation Specialist at Indian Hills.

Eric Hammer, MSN, CFRN, CCRN, has his master's in nursing education. He is a certified Critical Care and Flight RN. He works as an educator for LifeFlight and UnityPoint ground EMS at Iowa Methodist Medical Center. Eric is currently a flight nurse for LifeFlight and has a background in ICU nursing. He started his nursing career in a cardiac stepdown unit at the University of Iowa after his time in the military fixing and riding in helicopters.

Heather Houston, RN, BSN, CEN, is an ER nurse at Van Buren County Hospital as well as a Flight Nurse with Air Evac #59

Mark Ludwick, has 27 years' experience as police officer, currently serving as a Special Agent with the Iowa Department of Public Safety, Division of Criminal Investigation, Major Crime Unit (Z-1 Central Iowa). Mark holds a BS Degree in Public Administration from the Upper Iowa University and an Associate's Degree in EMS Education from Mercy College of Health Sciences and has 30 years experience as a paramedic.

Margaret Mitchell, RN, CEN, PHRN currently works for Air Evac #59 as a Flight Nurse and for Iowa Heart. She has over 30 years of experience in nursing having worked in multiple areas including ER, ICU, Cath Lab and as a flight nurse.

Dan R Stein, BS, MSEMS, started his EMS career working on an ambulance in south central Los Angeles responding with Los Angeles County Fire Department. He accepted a position at Children's Hospital & Medical Center in Omaha Nebraska, managing their critical care transport team. In his three years at Children's, the team went from no accreditation to holding CAMTS accreditation in all three modes of transport: ground, fixed wing, and rotor wing. (EMS-T, RN)

Janet Taylor, BSN, CEN, CFRN, NREMT-B - Golden Valley Memorial Hospital / LifeFlight Eagle Air Medical Transport. Janet is a Nurse with over 20 years of experience, the majority of which has been spent in Emergency Medical Services. Janet is a passionate and enthusiastic EMS educator and has presented at EMS conferences all over the US.

Jamie Temple, BA, NRP, CCP EMS Program Director/Manager of EMS and Public Safety, Eastern Iowa Community Colleges - Davenport, IA

Session Descriptions

Keynote: “Life or Limb: Field Amputation to Rescue a Trapped Patient” - Dr. Azeemuddin Ahmed & Chuck Gipson

This session will review a trauma call resulting in a field amputation of a trapped patient. We will look at the decision-making process to implement and activate a field amputation team, review of a field amputation protocol and review of follow up care to the patient. (EMS-T, RN)

BLS Sessions:

Special Delivery: Post-Partum & Neonate Care in the First 30 minutes - Janet Taylor

We've all had to take the obligatory childbirth class but what happens after the delivery? What should we expect? What should mom and baby be doing? What if the placenta doesn't deliver when it should? What if the baby turns blue? What if mom was diabetic? All these questions will be answered and more. (EMS-O/Peds, RN, RT)

“Basically,” Great Cardiac Care - Chuck Gipson

Come explore the full spectrum of cardiac care starting with the BLS level of “good” cardiac care. Measuring the effectiveness of care delivered and debriefing a call makes a difference in cardiac outcomes. Learn how to give feedback on performance so providers can deliver optimum patient cardiac care at the BLS Level, setting up the best opportunity for positive outcomes. (EMS-A or C, RN, RT)

Human Trafficking - Ray Fiedler

In this presentation we will discuss some of the myths surrounding trafficking as well as information about traffickers and their control methods. We will examine information about victims, information surrounding the prostitution/trafficking culture, and challenges encountered in working with victims. We'll also look at some Iowa specific cases and experiences that some survivors have shared. (EMS-O, RN)

CPAP: From the Bedroom to the Bambulance - Jamie Temple

That difficulty breathing call at “o’dark thirty” can easily be your patient’s last, especially if they are in full-blown pulmonary edema. This session explores the physiology behind CHF and pulmonary edema and the benefits that CPAP therapy can deliver to your patients. CPAP therapy is gaining momentum in the pre-hospital arena and now is your opportunity to hop on the CPAP bus! (EMS-A or C, RN, RT)

EMS & the Criminal Investigation-When EMS Arrives on the Scene First - Mark Ludwick

This session will examine the role and responsibilities of EMS on a crime scene. We will discuss what EMS needs to do to identify and preserve potential evidence as well as look at the importance of documentation by EMS providers who were at the site. Lastly, we will also consider the possible long-term effects on the EMS responders who were first to the scene. (EMS-O)

ALS Sessions:

Burns Management - Eric Hamer

In this session we will review the classification of burns and practice measuring total body surface area affected using both the rule of 9's, as well as the palmar method for pediatrics. We will then look at treatments including using the consensus formula for calculation of fluid administration for burn treatments. (EMS-T, RN)

Overcoming Challenges & Limitations in Rural Trauma Response - Dan Stein

Treating trauma in a rural setting has its own challenges. We will examine how using critical thinking in EMS care as well as all the phases of patient care is critical. We will also discuss some of the misconceptions of the “Golden Hour” and why trauma patients really die. You will better understand the golden principles of prehospital care and better able to utilize the national Field Trauma Guidelines. (EMS-T, RN)

Surviving Sepsis- Chuck Gipson

Sepsis is truly a life-threatening medical emergency. In this presentation we will take a journey into caring for a patient with sepsis from setting up a system wide approach for identifying patients with sepsis to delivery of life saving treatments. Come help demystify the mystery. (EMS-M, RN, RT)

Main Squeeze: Choosing Vasopressors - Janet Taylor

What is the best choice of vasopressor for your patient when you have more than one to choose from? Which one will cause an increase in myocardial oxygen demand? How can I help my patient without doing additional harm? This presentation will address the most common vasopressors in EMS, and which one(s) are the lesser of evils for your patient. (EMS-M or C, RN)

Documentation - Don't Give Them Any Arrows - Jamie Temple

Name one skill you use on every response...its ok, I'll wait. That's “write”, it is your ability to author a quality patient care report. Remember - perception is reality. This session will focus on best practices and tips to help you pen a robust PCR, by reviewing charting blunders and offering suggestions for improvement. Remember; don't give the archers any arrows! (EMS-O)

CCP Sessions:

Ventilator Management - Taylor Buchholz

Every dial spin or button press on your ventilator can harm a patient if you do not know what you are doing. You have had ventilator training, right? But was your ventilator education either a long time ago, too brief or nothing stuck? Can you handle simple ventilator functions but get uneasy when things get complicated? Maybe a refresher in ventilator concepts is just what you need! This session will help you to feel much more confident the next time you grab that ventilator off the shelf. (EMS-A, RN, RT)

The Red Car Conundrum – 12 LEAD EKG - Jamie Temple

If local law enforcement announced a new strategy to curb speeding by ONLY looking for and pulling over red cars, would you think that was a sound strategy? EMS has basically employed the same strategy with 12 Lead EKG interpretation. We are looking for ST segment elevation so that we can call that ever-popular STEMI alert! Congratulations, you pulled over the red car. However, what if a white, black, or gray car was speeding past and nobody noticed? This session will introduce and discuss some additional items and patterns that we need to recognize. (EMS-C, RN, RT)

The Right Stuff: Critical Thinking Application (Critical Care Version) - Janet Taylor

Going through the courses and memorizing the parameters in labs and hemodynamics just aren't enough. Being able to apply this knowledge to actual cases will help reinforce your knowledge and help "work out the kinks" of critical thinking and application. In this presentation, you will see actual case studies of patients. From this, you must decide what is wrong with the patient, what the medical team did right or wrong and what YOU need to do to improve the patient's outcome. Lab results, hemodynamics, shock states and ABGs' with vent settings adjustments are reviewed. (EMS-A, C or M, RN, RT)

Hemodynamic Monitoring and Circulatory Augmentation Devices - Margaret Mitchell

You have been asked to transport a patient with an arterial line and an Impella. What do you know about these devices? What complications should you be prepared to troubleshoot? Join "Mitch" in this session as she makes sure you are comfortable with hemodynamic monitoring and circulatory augmentation devices such as LVADs, IntraAortic Balloon Pumps (IABPs), and Impellas. (EMS-C or M, RN, RT)

Pain Management in the Field - Bryon Bellinger

In this session you will learn to better assess the different types of pain a patient can have and examine pharmacologic options for their pain in a prehospital setting. We will also discuss safety and risk aspects of pain management in the field with particular emphasis on high risk populations such as children. Lastly you will learn key documentation and hand off elements related to pain management. (EMS-M, RN)

Skills and SIM Lab Sessions:

This year, instead of attending a lecture, during each of the session times a limited number of participants may choose to spend the session doing skills and scenarios. Varied speakers from the day will join Kim Hamilton, RN and simulation specialist, to facilitate the activities. Run through a high-fidelity manikin simulation, apply a junctional tourniquet or pelvic sling, initiate an external jugular IV, needle decompress a chest, or join AHA Mission: Lifeline representatives for a stroke simulation. These are some of the skills and scenarios that may be available during one or more of the sessions. A more specific list of activities each session will be provided the day of the conference. Participants may attend only one skill session. (EMS-A, C, M or T, RN)

Questions? Please contact a member of the EMS One Conference Committee:

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