

2017

Registration Brochure

45th Anniversary



Colorado State EMS Conference

Keystone, Colorado | November 2-5, 2017



INFORMATION

SPONSORS

The Colorado State EMS Conference relies on the generous support of sponsors to offer valuable education and networking opportunities at an affordable price.

Interested in Sponsoring the Conference? View the 2017 Exhibitor Prospectus for all the details at emsac.org

THANK YOU TO OUR ALREADY COMMITTED SPONSORS!

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We hope you will join us this year at the 45th Anniversary of the Colorado State EMS Conference. This conference continues to build on its impressive tradition of superb EMS education in the beautiful Rocky Mountains. Break away and enjoy some time with your colleagues at the Keystone Resort & Conference Center in Keystone, Colorado. The Emergency Medical Services Association of Colorado (EMSAC) is proud to bring you Colorado's foremost EMS educational event. We look forward to seeing you there!

EDUCATION

At the 2017 Conference, our profession's premier EMS educators from within Colorado and across the nation will bring you the greatest variety of courses ever offered. The schedule of pre-conference workshops and conference topics offer many choices of programs for your selection.

MOTIVATION

Keeping informed about the evolution of EMS into the future...
Learning from the nation's foremost educators...
Meeting other EMS professionals...
Enhancing your profession...
Improving patient care...
Perfecting skills...

SUCCESS

Plan now to attend the 2017 Colorado State EMS Conference. Combine your professional and personal goals and the finest in EMS education during a refreshing late-fall in Keystone. You will learn techniques and information to improve yourself, your patient care, your EMS agency and your state's EMS delivery system. With the region's largest exhibition of EMS products and service suppliers, this event will be Colorado's EMS highlight of 2017. Don't miss this chance to meet some of the finest in the EMS profession: your colleagues. More than just an annual conference, the 2017 Colorado State EMS Conference, where Education + Motivation = Success, will continue to be the standard by which other state EMS conferences are measured.

Scott Sholes
EMSAC President

DJ Head
Conference Chair

Jason Kotas
Conference Co-Chair

INFORMATION

GENERAL INFORMATION

Three Ways to Register

Register online at: www.emsac.org

Mail registration to:

Colorado State EMS Conference
PO Box 3406
Englewood, CO 80155

Fax registration to: 303-200-7099

Please print legibly or type all information on the registration form. Submit only one registrant per form; the form may be photocopied for additional registrations. Early-Bird fees are available for registrations received on or before Friday, October 20, 2017.

Registrations will not be accepted without accompanying payment. You may register with VISA, MasterCard, American Express, or Discover or send with check payable to "Colorado State EMS Conference." A facility purchase order may be accepted as a guarantee of payment however, **full payment must be received prior to the Conference. CE transcripts will not be provided until payment is made in full.**

DO NOT MAIL registrations after Monday, October 16, 2017. You will need to register at the conference after this date. Please note that lunch may not be provided for registrations received after Friday, October 20, 2017.

For questions about registration, contact the Colorado State EMS Conference Office at 303-317-6511 or 800-889-5690, or email to conference@emsac.org.

EARLY BIRD DISCOUNT

Save up to \$30 on full conference fees by registering early! Conference registration fees will increase after Friday, October 20, 2017.

REGISTRATION OPTIONS

Full-Conference Registration Friday, November 3 through Sunday, November 5

Full registration includes admission to general sessions, education sessions and exhibit hall. This option also includes continental breakfast on Friday, Saturday and Sunday; lunch on Friday and Saturday and a reception on Friday.

One-Day Registration Friday, Saturday or Sunday

Friday registration includes admission to the general session, education sessions and exhibit hall, continental breakfast, lunch and reception.

Saturday registration includes admission to the education sessions and exhibit hall, continental breakfast, refreshments and lunch.

Sunday registration includes admission to education sessions and continental breakfast.

PRE-CONFERENCE WORKSHOPS

Thursday, November 2, 2017

The pre-conference workshops offer something for everyone! Join us for these cost-effective, educationally intensive programs. These courses have a low student-to-instructor ratio that will ensure your specific educational goals are met. The workshop instructors will delve into the topics and provide more interaction than in a typical class.

A separate registration fee is required for each workshop; fee includes admission to the class, educational materials, refreshments and lunch.

NOTE: For 2017 we will have a special 2-day pre-conference workshop on Thursday and Friday.

MEAL FUNCTIONS

Complimentary continental breakfast will be served each morning of the conference from 7:30 am to 8:00 am. Lunch will be provided for Conference attendees on Friday, November 3 and Saturday, November 4. Due to logistics and catering requirements, lunch is not guaranteed for onsite registrations.

SESSION RSVP

Please help us to ensure session availability and appropriate seating by indicating your preferred sessions on the Conference Registration form. Select only one class per time period. RSVPs will be accepted in the order in which registrations are received. Class sizes are limited and seating is not guaranteed.

EMSAC MEMBER DISCOUNTS AND BENEFITS

Membership benefits include the First-on-Scene party Thursday night and chances to win special EMSAC prizes. For more information about EMSAC, please visit www.emsac.org.

REGISTRATION/CONFIRMATION

All registrants will be sent a registration confirmation prior to the conference via email.

SESSION HANDOUTS

All materials received from the speakers prior to the conference will be posted on the EMSAC website at www.emsac.org. No printed handout materials will be distributed for education sessions.

CE INFORMATION

Conference sessions may be approved for continuing education credit by Colorado State Recognized Education Centers or CE Education Groups. Please visit the EMS Conference web site at www.emsac.org for recommended CE hours and suggested recertification categories. Most conference sessions will meet recertification requirements for the National Registry of EMTs. To determine if a particular session meets these requirements, you must first be familiar with the recertification requirements and objectives for your level of certification, then compare the session description to those requirements and objectives.

For information about NREMT recertification, please contact NREMT or visit their website at www.nremt.org

REGISTRATION DESK

The Conference Registration Desk will be located on the first floor of the Keystone Conference Center. Please stop by when you arrive at Keystone to pick-up your official conference name badge, schedule and other pertinent materials.

**Thursday, November 2, 2017
7:00 am to 5:00 pm**

**Friday, November 3, 2017
7:00 am to 5:00 pm**

**Saturday, November 4, 2017
7:00 am to 5:00 pm**

**Sunday, November 5, 2017
7:30 am to 12:00 noon**

INFORMATION

CANCELLATIONS/REFUNDS

All cancellations and requests for refunds must be submitted in writing to:

Colorado State EMS Conference

PO Box 3406

Englewood, CO 80155

or by fax 303-200-7099

Requests received on or before October 20, 2017, will be entitled to a full refund less a \$30 processing fee. After October 20, 2017 and before October 31, 2017, the registrant will receive a credit certificate valid for use at the 2018 Colorado State EMS Conference. If for any reason the conference is not held in 2018, the certificate shall become null and void or reissued for a future conference or event. There are no refunds or credits for cancellations after October 31, 2017 or for no-shows.

ACCOMMODATIONS

Keystone Resort & Conference Center

U.S. Highway 6

Keystone, Colorado 80435

Reservations 800.258.0437

970.496.4240 / fax 970.496.4543

www.keystoneconferences.com

Keystone Resort is a spectacular setting amidst aspen and pine trees making it truly unique and a world away from the distractions you've left behind. Keystone Resort has the largest and most versatile meeting facilities in Colorado's Rocky Mountains, which are complimented by exceptional accommodations. Keystone Resort offers a variety of accommodation options at discounted group rates for EMS Conference attendees.

The Inn at Keystone

\$99 per night, single/double occupancy*

There is a \$10 per night Resort Fee for the Inn at Keystone.

The Keystone Lodge

\$135 per night, single/double occupancy*

There is a \$10 per night Resort Fee for The Keystone Lodge reservations.

Conference Village Studio

\$135 per night, single/double occupancy*

Conference Village One-Bedroom Unit

\$145 per night, single/double occupancy*

Conference Village Two-Bedroom Unit

\$190 per night, single/double occupancy*

*A \$10 resort fee will be charged above and beyond the housing rates listed above.

*Rooms are subject to applicable state and local taxes in addition to a 5.9% resort surcharge. If your organization

has tax exempt status, you must notify the hotel at the time of reservation and present a tax exempt certificate upon check-in. The 5.9% resort surcharge is applicable for all reservations regardless of tax exempt status.

If your organization qualifies for sales tax exemption, the proper documentation is **REQUIRED** prior to or at the time of check-in, or Keystone Resort will apply tax to your lodging charges. Each additional adult occupying the same unit will be charged \$20 per night. Children 18 and under stay free when accompanied by parent or guardian. Maximum occupancy may not be exceeded and additional beds will not be furnished. For Reservations, call 800.258.0437
Group Discount Code: CK2EM7

Group rates will be honored for reservations made on or before Sunday, September 17, 2017. Lodging is limited and available on a first-come basis. A deposit equal to the first night's lodging plus tax and surcharge in the form of check or credit card must accompany reservation. Check-in time is after 4:00 p.m.; guests may check-in earlier based on availability. Check-out time is before 11:00 a.m.

DIRECTIONS TO KEYSTONE

From Interstate 70 take Silverthorne/Dillon exit 205. Go under the overpass onto Highway 6. Proceed approximately seven (7) miles to Keystone properties.

TRANSPORTATION OPTIONS TO KEYSTONE

Keystone Resort spans seven miles along the Snake River and is the closest destination resort to DIA (Denver International Airport). The Keystone Conference Center sits roughly in the center of the resort. Many restaurants, shops, accommodations, and activities are within walking distance of the Conference Center. Navigating the full expanse of the resort is simple with the complimentary intra-resort shuttle system. Once you check-in, there is no need for a car. Resort shuttle is provided through a combination of scheduled routes that serve Keystone Lodge, Conference Center Village, River Run Village, Keystone Mountain and on-call (EASE) Extended Area Service buses that serve outlying resort areas not located on a scheduled route. Keystone is easily accessible via three Colorado airports:

- Denver International Airport is 90 miles east of Keystone via Interstate 70. DIA is a nonstop destination for over 21 national and international carriers.

- Vail/Eagle County Airport is 65 miles west of Keystone.

- Colorado Springs Municipal Airport is 109 miles from Keystone.

DIA AIRPORT SHUTTLE

Getting to Keystone is easy via the door-to-door shuttle service of CME (Colorado Mountain Express). Numerous daily door-to-door shuttles run to and from Denver International Airport and your favorite Colorado resorts. For current rates, schedules and reservations, go to Colorado Mountain Express www.ridecme.com or call 800.525.6363.

BUS

Greyhound Bus Service offers transportation to Summit County, Colorado. Once you arrive at the Greyhound transfer station in Frisco, Colorado, it is necessary to take the free Summit Stage to complete the journey into Keystone. Greyhound: www.greyhoundbus.com

CAR RENTAL

Hertz, The Official Car Rental Company of Vail Resorts, and most major car rental companies are available at the Denver International Airport, Vail/Eagle County Airport and Colorado Springs Municipal Airport. Visit www.hertz.com
Transportation can also be arranged through Keystone Reservations at 800.258.0437

LOCAL TRANSPORTATION

For traveling throughout Summit County, free transportation is provided by Summit Stage. More information is available at www.summitstage.com or 970.668.0999. Taxi service throughout Summit County is available from 2:00 pm to 2:00 am daily. Rainbow Taxi can be reached at 970.453.TAXI.

Registration and attendance at, or participation in, the Colorado State EMS Conference and other activities constitutes an agreement by the registrant to the Colorado State EMS Conference's use and distribution of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions and audiotapes of such events and activities.

2017 COLORADO STATE EMS CONFERENCE COMMITTEE LIST

Conference Chair	DJ Head Flight For Life Colorado	Entertainment Coordinator	Mike Hill Mesa County Emergency Medical Services Coordinator	EMSAC State Representative	Mike Bateman EMS Education and Practice Coordinator Emergency Medical & Trauma Services Branch
Conference Co-Chair/ Media Relations	Jason Kotas Children's Hospital Colorado	Exhibits Coordinator	Jim Leist Mountain View Fire Protection District	EMSAC/ Management	Dorothy Shadrick, MBA, CAE Chief Association Executive
Sponsorship Coordinator	Melody Mesmer St. Anthony Hospital	Food & Beverage Coordinator	Patricia Tritt NCTI/AMR	Conference Management	Reese Lee, Conference Manager Allie Colgan, Conference Registration Emma Bartels, Exhibitor Registration
Audio Visual Coordinator	Sean Ellis Federal Heights Fire Department	Hands-On Skills Coordinator	Ken Rogers Colorado Mountain College	Conference Office	Colorado State EMS Conference P.O. Box 3406 Englewood, CO 80155 Work: 800-889-5690 303-758-9611 Fax: 303-200-7099 conference@emsac.org
Audio Visual / Exhibits Assistant	Joe White Palisade Fire Department	Registration/ CE Reporting Coordinator	Ross Riley North Metro Fire Rescue District		
Cadaver Lab	Tim Gulbranson Denver Health and Hospital Authority Emergency Medical Services (EMS)- Paramedic Division	Volunteer Coordinator Chair	Michael Scott Colorado River Fire Rescue		
Curriculum Coordinator	Rob Sontag Colorado Department of Public Safety Division of Fire Prevention & Control	EMSAC President	Scott Sholes Durango Fire & Rescue Authority		

COLORADO STATE EMS CONFERENCE FACULTY

Shane Baird Durango Fire Protection District	Andrew Higgins Arvada Fire	Michelle Metz Denver Health Medical Center	Sue Slone, MD Swedish Medical Center
Jeanne-Marie Bakehouse Colorado Dept of Public Health and Env	William Hottel United Power	Michal Michalkow First Gear Skid School	Michael Smith City of Grandview Heights and Ohio Health EMS
Daniel Barrera Resident - St. Anthony	Cindy Joseph North Colorado Med Evac/ UCHealth	Steve Morgan, MD Swedish Medical Center	Gina Soriya, MD Centura Health
Whitney Barrett, MD Denver Health	David Kearns St. Anthony Hospital/Flight For Life Colorado	Timothy Neaderhiser AirLife Denver	Don Stroup Arapahoe Community College
Kathy Beauchamp, MD Denver Health	Dylan Luyten, MD Carepoint PC	Jenn Oese Summit County Ambulance Service	Michele Sweeney, MD Pueblo Community College
Brian Behn Chaffee County EMS	Nancy Magee MEDIC Training Solutions	Michael Overbeck, MD University of Colorado	Anne Wagner, MD University of Colorado Burn Center
Freemont Bossow United Power	Patrick Mahar, MD UC-SOM, Children's Hospital Colorado	Justin Overholt Crimson Effect, LLC	Ben Wasmund SafeTech Solutions
Scott Branney, MD St. Anthony Hospital	Charles Mains, MD Centura Health	Jonathan Politis Politis Emergency Services Education	Thomas Weldon Jefferson County Coroners Office
Robert Cheatham North Colorado Medical Center	Connie Mattera Northwest Community Healthcare	Renan Porto Exempla	Paul Werfel Assistant Professor of Clinical Emergency Medicine
Carl Craige Platte Valley Ambulance Service	Timothy McCawley Bennett Fire Protection District #7	Marti Potter YVMC	Arek Wiktor, MD University of Colorado Hospital Burn Center
Aaron Eberhardt, MD Denver Health	Kevin McFarlane SEEC	Lara Rappaport, MD Denver Health	Adam Wojciehowski Safety University
Reuben Farnsworth RockStar Education and Consulting	Justin McLean, MD St Anthony Hospital	Aarron Reinert SafeTech Solutions	James Yon, MD Swedish Medical Center
William Ferguson, MD UAB, Dept of Emergency Medicine	Kevin McVaney, MD Denver Health	Patrick Rudersdorf, MD St. Anthony Hospital	Timothy Zimmerman Thompson Valley EMS
Rebecca Garber North Colorado Medical Center	Melody Mesmer St. Anthony Hospital	David Sanko Centura Health-SDG Prehospital Services	
Daniel Hatlestad ICFPD			

NEW FOR 2017

NEW – EMS PHYSICIAN’S FORUM

Friday, November 3, 2017

Special K – Does Ketamine Have a Place in a Balanced EMS Diet? A discussion of EMS pain sedation and management of the agitated patient in the prehospital setting.

The EMS Physician’s Forum is a new program offered during the Colorado State EMS Conference. This forum is specifically tailored for EMS physicians with brief presentations and interactive discussions. Content will include trauma, pediatric EMS issues, and high-risk patients.

Discussions will be led by Dr. Jeff Beckman, Dr. Kevin McVaney, Dr. Lara Rappaport and other Colorado EMS physicians.

This forum will provide five (5) CME credits sponsored by Denver Health.

7:30 am - 8:00 am	Continental Breakfast – Conference Center
8:30 am - 10:00 am	Conference Keynote Session – Conference Center
10:00 am - 12:30 pm	Physician’s Forum – Keystone Lodge
12:00 pm - 1:30 pm	Lunch – Conference Center
1:30 pm - 3:00 pm	Physician’s Forum Continues – Keystone Lodge

Registration fee: \$175 NOTE: This session is only open to physicians.

To register utilize the registration form in the back of this brochure or on the EMSAC website (emsac.org).

GET CERTIFIED AT THE 45TH ANNUAL COLORADO EMS CONFERENCE!

November 2, 2017

6:00 PM | Keystone Lodge | Keystone, Colorado

Exams offered on Thursday, November 2nd, 2017 at the Colorado State EMS Conference Specialty Certification is a voluntary credentialing process designed to validate essential knowledge and judgment required for safe and competent practice. The IBSC/BCCTPC credentials provide designations for paramedic professionals who demonstrate knowledge, experience and excellence as a specialty paramedic. The FP-C & CCP-C exams are based upon the critical care paramedic transport standards and practice. The TP-C® and TR-C® exams are based on the 10 critical competency domains published in 2016 by the National TEMS Initiative and Council (NTIC), the clinical guidelines developed by the Committee for Tactical Emergency Casualty Care (C-TECC) and the Committee on Tactical Combat Casualty Care (CoTCCC) for the civilian and military communities respectively. The CP-C exam reflects the wide-range of community Paramedic practice by certified emergency medical service providers who provide community-based, out-of-hospital medical services to medically underserved and medically served, yet vulnerable, populations.

ELIGIBILITY

- Certification as a Paramedic-Critical Care (P-CC) can be issued based on either CCP-C or FP-C certification by the IBSC/BCCTPC
- Paramedic level provider exam candidates must hold a current unrestricted Paramedic license
- TR-C candidates must have proof of a tactical medical role on a tactical team
- Three years of experience in area of specialty is encouraged.

FEES

- FP-C & CCP-C & CP-C Paper/Pencil - \$325 (\$225 for IAFCCP members)
- TP-C & TR-C Paper/Pencil - \$325 (\$225 for SOMA members)

For additional information and to register visit www.IBSCertifications.org or call (770) 978-4400

Note: separate registration required



JEFF B. EVANS ADVENTURER & SPEAKER
FRIDAY / NOVEMBER 3, 2017 - 8:30 AM TO 10:00 AM

Jeff Is A World Renowned....

**Adventurer / Expedition Leader / Speaker / Facilitator / TV Personality
Physician Assistant / High Altitude Medic**

As a highly sought after speaker/facilitator with over 20 years delivering engaging and impactful keynotes to hundreds of clients, Jeff has made appearances at dozens of Fortune 500 companies around the world. Jeff takes the audience on a journey to high peaks around the globe, detailing his exciting endeavors as mountain guide, adventurer and philanthropist. These experiences have allowed Jeff to hone his skills of servant leadership, teamwork, communication and handling adversity which he shares in a way that is applicable to everyone in their business and personal lives.



PCAD1

EMS Leadership Summit - 10 Essential Conversations

Aarron Reinert

(Full-Day 8:00 AM - 5:00 PM)

Great EMS organizations are the product of great leaders. This summit is built on the principles of the acclaimed EMS Leadership Academy and connects today's challenges with your practice of leadership. Get inspired, refreshed, challenged, and sharpened!

PCAD2

Pre Conference Cadaver Lab

Kevin McVaney, MD

(Full-Day 8:00 AM - 5:00 PM)

Don't miss this opportunity to participate in a cadaver dissection led by a team of awesome, EMS-friendly physicians who love to teach. View the dissection of the cadaver and discuss the most common penetrating and blunt injuries to the internal organs.

NOTE: Limited to the first 25 attendees.

PCAD3

Critical Care Review Pre-Conference

Reuben Farnsworth

(Full-Day 8:00 AM - 5:00 PM)

This 8 hour pre-conference session will provide 8 hours of critical care CE. Topics include lab values, airway, cardiology, and advanced assessment. Come prepared to expand your critical thinking and improve your critical care medicine skills.

PCAD4

Advanced Winter Driving for First Responders with Hands-on Training

Michal Michalkow

(Full-Day 8:00 AM - 5:00 PM)

Advanced winter driving skills for First Responders including skid control, recovery, and avoidance will be presented. Other topics include: stressful handling of the vehicle, mental handling (how you make decisions), and vehicle dynamics (how you manage them).

PCAD5

Mental Health First Aid

Melody Mesmer

(Full-Day 8:00 AM - 5:00 PM)

The 8 hour class will certify the provider in Mental Health First Aid. This class will cover the dynamics of community mental health issues, recognition of mental health disorders and appropriate interaction with the individuals in our community. This class will be tailored to the first responder.

PCAD6

ALS Refresher Core Content Workshop

Paul Werfel

(Full-Day 8:00 AM - 5:00 PM)

The ALS refresher workshop will focus on 15 of the 24 hours of mandatory core content required by the National Registry of EMTs to meet the objectives of The DOT Advanced Refresher. Attendance at this pre-conference will assist in completing DOT Advanced Refresher requirements over a 2 year period.

Note: 2-day course. Must attend both days to get credit.

* Indicates repeated or continued sessions



PCAD6 (CONTINUED)

ALS Refresher Core Content Workshop*

Jonathan Politis

(Full Day 8:00 AM - 5:15 PM)

The ALS refresher workshop will focus on 15 of the 24 hours of mandatory core content required by the National Registry of EMTs to meet the objectives of The DOT Advanced Refresher. Attendance at this pre-conference will assist in completing DOT Advanced Refresher requirements over a two-year period.

Note: 2-day course. Must attend both days to get credit.

SESSION 1

Misses and Mimics: ECG Signs of Myocardial Ischemia

Dylan Luyten, MD

Hone your skills with ECG. Using an engaging case-based format, this presentation will review classic misses as well as classic mimics of myocardial infarction

SESSION 2*

Cadaver Lab Abdominal Sue Slone, MD

A visual tour through the abdominal cavity will review the external anatomy and internal structures including the stomach, liver, large and small intestines, and other solid and hollow organs.

NOTE: This session is limited to 25. Space is limited; please register early.

SESSION 3

Doing the Right Thing is Always Easier

Reuben Farnsworth

If you want to know more about crazy trauma, look no further. Whether you encounter arms wrapped around PTO shafts or muddy corrals where someone just played chicken with a Brahma bull, this is the class for you.

SESSION 4

Interpersonal Violence: Domestic Violence, Sexual Assault, and Strangulation for EMS

Michelle Metz

IPV, Interpersonal Violence, is a public health issue that is frequently encountered by EMS providers. This presentation will provide an overview of both domestic violence and sexual assault; providing the participant a strategy to provide appropriate care for these patients.

SESSION 5

The EMS Skeptic's Guide to Alternative Medicine: Helpful, Harmful or Hoax?

Brian Behn

EMS providers often encounter patients that embrace complimentary medical practices and occasionally must interact with practitioners from these fields. This presentation will be sure to generate discussion, presenting a no-holds-barred review of the evidence for and against alternative medicine.

SESSION 6

Deep Dive into Empathy vs. Sympathy for Our Co-Workers and Our Profession

Timothy Neaderhiser

Why are we so mean to each other? The first part of the session will differentiate empathy and sympathy and activities that elicit deep interpersonal responses. In the second half of the session the instructor will lead a group discussion on EMS culture and treatment of peers.

10:30 AM - 12:00 PM

Hands-On Skills St. Anthony Pre-Hospital ALS/BLS

This session will be conducted by instructors from St. Anthony PreHospital Services. Sim-Man and other human patient simulators will be utilized to provide scenario based training in this hands-on skills lab. The goal will be to expose the participant to best practices in the management of high-acuity, low-volume patients and improve his/her comfort level in providing care to these patients.

*This session is limited to 20. Space is limited; please register early.

1:30 PM - 2:30 PM

Hands-On Skills Flight For Life Colorado ALS/BLS Airway Lab

Join the crews of Flight For Life Colorado for this hands-on, interactive ALS/BLS airway lab. This lab provides ample opportunity for the provider to practice good technique in airway control. Best practices in surgical cricothyrotomy, intubation, NPA/OPA, supraglottic airway(s), and BVM ventilation will be covered.

* This session is limited to 20. Space is limited; please register early.

* Indicates repeated or continued sessions



FRIDAY / NOVEMBER 3, 2017 - 1:30 PM TO 2:30 PM

SESSION 7

Willy Wonka and the Ketamine Factory

Cindy Joseph

Ketamine seems to be on the rise for use in EMS, even though it has been around since the 1960s. This interactive presentation discusses the benefits of the use of ketamine ranging from agitated delirium to the asthmatic RSI.

SESSION 8*

Cadaver Lab Abdominal Repeat of Session 2

Sue Slone, MD

A visual tour through the abdominal cavity will review the external anatomy and internal structures including the stomach, liver, large and small intestines, and other solid and hollow organs.

NOTE: This session is limited to 25. Space is limited; please register early.

SESSION 9

What I Learned from Spending 8 Weeks in the Hospital or... OB Emergencies

Jenn Oese

Review the required National Registry content for OB assessment and care and providing care to a newborn while also learning about OB emergencies that you may encounter in the field.

SESSION 10

Poly Trauma From MCA, Case Review from PreHospital Care, Level III Care and Definitive Care at the Level I Trauma Center

Steve Morgan, MD

A panel discussion will present a motorcycle accident crash victim with multiple injuries. Discussion will include: the continuum of care from prehospital setting, to initial care at the Level III trauma center, subsequent transfer to the Level I trauma center, and definitive management of the injuries.

SESSION 11

For The Love Of All That Is Holy: Adapting To Your Patients' Religious Beliefs

Reuben Farnsworth

Muslim women wear hijabs, Jehovah's Witnesses will not accept blood transfusions, Sikh men wear a turban, and Mormons have special undergarments. Join the discussion and improve your patient care through a better understanding of your patient's religious beliefs.

SESSION 12

Pediatric Fever-Seizure-Syncope

Timothy Neaderhiser

"98.6 Degrees Fahrenheit", the number, myth, and hype! This presentation will review the history and relevance of normal body temperature and fever. When should a prehospital provider be concerned? Topics also include fever associated with seizure and differentiating seizure and syncope.

FRIDAY / NOVEMBER 3, 2017 - 3:00 PM TO 4:00 PM

SESSION 13

Dialyze This! A Review of Chronic Kidney Disease

Andrew Higgins

Chronic kidney disease is on the rise across America. EMS agencies frequently respond to dialysis centers and the provider must understand the physiology and complications associated with dialysis. This presentation reviews the pathophysiology and treatment of renal failure.

SESSION 14*

Cadaver Lab Thoracic

Charles Mains, MD

This session will review the anatomy of the thoracic cavity.

NOTE: This session is limited to 25. Space is limited; please register early.

SESSION 15

That's Freaking Me Out! Assessment and Management of Eye and Orbit Injuries

Don Stroup

This presentation reviews the anatomy of the eye and surrounding structures. Using a combination of case studies and lecture, the assessment, recognition, and proper management of eye injuries will be discussed.

SESSION 16

Electrical Burn Injury: It's Shocking! One Lineman's Story of Injury and Recovery

Rebecca Garber

The patient and a coworker will review the circumstances before and after an electrical burn injury. The MedEvac paramedic will then review the pre-hospital care and transport. This presentation will review the pathophysiology and clinical course of electrical burn injury through this case.

SESSION 17

Command and Control at Active Shooter/Hybrid Violence Incidents and Rescue Task Force Concepts

Justin Overholt

When mass violence strikes, conventional incident command tactics do not effectively manage resources and ensure rapid access to patients, and treatment and extraction to safety. This interactive session will review what agencies around Colorado are doing to prepare for these events.

SESSION 18

Hold Still, You're Going to Feel a Little Poke!

Kevin McFarlane

This session will discuss the complicated task of pediatric venous access. Tips and tricks for starting pediatric IVs will be discussed including pediatric intraosseous access. Broslow tape and other pediatric specialty devices will be reviewed.

3:00 PM - 4:00 PM

Hands-On Skills

Flight for Life Helicopter Safety and All That

Kevin Keible of Flight for Life Colorado will lead this session which begins in the Castle Peaks classroom and ends with a tour of the helicopter in upper SW Tenderfoot parking area (weather permitting). Discussion will involve safe operations in and around the helicopter as well as utilization of air medical resources.

* This session is limited to 20. Space is limited; please register early.

SESSION 19

You're Lost Without a MAP **Shane Baird**

Historically, management of critical patients in EMS has focused on interpretation of standard vital signs such as pulse and blood pressure. However, to ensure adequate end-organ perfusion, a new standard should be used: mean arterial pressure.

SESSION 20*

Cadaver Lab Thoracic Repeat of Session 14 **Charles Mains, MD**

This session will review the anatomy of the thoracic cavity.

NOTE: This session is limited to 25.

Space is limited; please register early.

SESSION 21

Marijuana Legalization and Butane Hash Oil Burns: The Dangers Posed to EMS **Arek Wiktor, MD**

How has marijuana legalization impacted burn injuries in Colorado and how is butane hash oil manufactured? Videos of BHO scenes emphasize the dangers and why these scenes are especially hazardous for prehospital providers. Tips include how to recognize butane hash oil manufacturing.

SESSION 22

Ranch and Rodeo Injuries **Sue Slone, MD**

Several case presentations related to farm, ranch, and rodeo injuries will provide take home messages. These educational points involve both the cause of the injuries, the emergency treatment of the injuries, and safety issues for the provider.

SESSION 23

Apparent Life Threatening Events in Infants (ALTE) **Kevin McFarlane**

You may not know the term, but you know the call: 911 is called when a child stops breathing or turns blue. When you arrive the child looks great. Your next actions are critical.

SESSION 24

The Soft Goopy Part: Recognizing Central Nervous System Trauma **Don Stroup**

Traumatic brain injury is a leading cause of death and disability in the trauma patient. The prehospital provider with a solid understanding of the physiologic process involved in cerebral perfusion will provide the best possible outcome for these patients.

* Indicates repeated or continued sessions



SCHEDULE AT-A-GLANCE

THURSDAY CONFERENCE SCHEDULE - NOVEMBER 2, 2017

7:30 AM - 8:00 AM Registration and Continental Breakfast						
8:00 AM to 12:00 PM	PCAD1 (Full Day) EMS Leadership Summit - 10 Essential Conversations Aaron Reinert	PCAD2 (Full Day) Cadaver Lab Kevin McVane, MD Laura Rappaport, MD Aaron Eberhardt, MD Whitney Barrett, MD	PCAD3 (Full Day) Critical Care Review Reuben Farnsworth	PCAD4 (Full Day) Advanced Winter Driving for First Responders with Hands-on Training Michal Michalkow	PCAD5 (Full Day) Mental Health First Aid Melody Mesmer	PCAD6 (Two Day) ALS Refresher Core Content Workshop Paul Werfel Jonathan Politis
12:00 PM Lunch (provided for workshop registrants)						
1:00 PM to 5:00 PM	PCAD1 (Full Day) EMS Leadership Summit - 10 Essential Conversations Aaron Reinert	PCAD2 (Full Day) Pre-Conference Cadaver Lab Kevin McVane, MD Laura Rappaport, MD Aaron Eberhardt, MD Whitney Barrett, MD	PCAD3 (Full Day) Critical Care Review Reuben Farnsworth	PCAD4 (Full Day) Advanced Winter Driving for First Responders with Hands on Training Michal Michalkow	PCAD5 (Full Day) Mental Health First Aid Melody Mesmer	PCAD6 (Two Day) ALS Refresher Core Content Workshop Paul Werfel Jonathan Politis (Continued on Friday)
5:00 PM On your own for dinner						

FRIDAY CONFERENCE SCHEDULE - NOVEMBER 3, 2017

7:30 AM - 8:00 AM		Continental Breakfast in Exhibit Hall					
8:00 AM to 5:15 PM	PCAD6 (Two Day) ALS Refresher Core Content Workshop Paul Werfel Jonathan Politis	8:30 AM to 10:00 AM	General Session Featured Keynote Presentation Jeff B. Evans, Adventurer & Speaker				
10:00 AM - 10:30 AM		Class Change					
10:30 AM to 12:00 PM	Session 1 Misses and Mimics: ECG Signs of Myocardial Ischemia Dylan Luyten, MD	Session 2* Cadaver Lab Abdominal Sue Slone, MD	Session 3 Doing the Right Thing is Always Easier Reuben Farnsworth	Session 4 Interpersonal Violence: Domestic Violence, Sexual Assault, and Strangulation for EMS Michelle Metz	Session 5 The EMS Skeptic's Guide to Alternative Medicine: Helpful, Harmful or Hoax? Brian Behn	Session 6 Deep Dive into Empathy vs. Sympathy for our Co- workers and our Profession Timothy Neaderhiser	Hands-On Adult (ALS & BLS) St. Anthony's PreHospital EMS
12:00 PM - 1:15 PM		Lunch Break (Lunch will be served until 1:15 PM)					
1:30 PM to 2:30 PM	Session 7 Willy Wonka and the Ketamine Factory Cindy Joseph	Session 8* Cadaver Lab Abdominal Sue Slone, MD	Session 9 What I Learned from Spending 8 Weeks in the Hospital - or OB Emergencies Jenn Oese	Session 10 Poly Trauma from MCA, Case Review from PreHospital Care, Level III Care and Definitive Care at the Level I Tauama Center Steve Morgan, MD	Session 11 For the Love of All that is Holy: Adapting to Your Patients' Religious Beliefs Reuben Farnsworth	Session 12 Pediatric Fever-Seizure- Syncope Timothy Neaderhiser	Hands-On Adult (ALS & BLS) Flight For Life Colorado
2:30 PM - 3:00 PM		Break in Exhibit Hall					
3:00 PM to 4:00 PM	Session 13 Dialyze This! A Review of Chronic Kidney Disease Andrew Higgins	Session 14* Cadaver Lab Thoracic Charles Mains, MD	Session 15 That's Freaking Me Out! Assessment and Management of Eye and Orbit Injuries Don Stroup	Session 16 Electrical Burn Injury: It's Shocking! One Lineman's Story of Injury and Recovery Rebecca Garber	Session 17 Command and Control at Active Shooter/Hybrid Violence Incidents and Rescue Task Force Concepts Justin Overholt	Session 18 Hold Still, You're Going to Feel a Little Poke! Kevin McFarlane	Hands-On Adult (ALS & BLS) Helicopter Saffey and All That Flight For Life Colorado
4:00 PM - 4:15 PM		Class Change					
4:15 PM to 5:15 PM	Session 19 You're Lost Without a MAP Shane Baird	Session 20* Cadaver Lab Thoracic Charles Mains, MD	Session 21 Marijuana Legalization and Butane Hash Oil Burns: The Dangers Posed to EMS Arek Wiktor, MD	Session 22 Ranch and Rodeo Injuries Sue Slone, MD	Session 23 Apparent Life Threatening Events in Infants (ALTE) Kevin McFarlane	Session 24 The Soft Goopy Part: Recognizing Central Nervous System Trauma Don Stroup	
5:15 PM - 5:45 PM		Reception in Exhibit Hall					

* Indicates repeated or continued sessions

Conference sessions may be approved for continuing education credit by Colorado State recognized Education Centers or CE Education Groups. Please visit the EMS Conference web site at www.emsac.org for a detailed grid of recommended CE hours and suggested recertification categories. Most conference sessions will meet recertification requirements for the National Registry of EMTs. To determine if a particular session meets these requirements, you must first be familiar with the recertification requirements and objectives for your level of certification, then compare the session description to those requirements and objectives.

For information about NREMT recertification, please contact NREMT or visit their web site at www.nremt.org

SCHEDULE AT-A-GLANCE

SATURDAY CONFERENCE SCHEDULE - NOVEMBER 4, 2017

7:30 AM - 8:00 AM Continental Breakfast in Exhibit Hall							
8:00 AM to 9:30 AM	Session 25 How Shocking! Pre-Hospital Evaluation and Management of Lightning Emergencies Gina Soriya, MD	Session 26 Old Guys Rule! (and take a lot of meds too!) Jonathan Politis	Session 27 Trauma Case Studies Connie Mattera	Session 28 The Mile High Club Kevin McFarlane	Session 29 The Prehospital Assessment and Treatment of Anaphylaxis Paul Werfel		
9:30 AM - 9:45 AM Class Change							
9:45 AM to 11:15 AM	Session 30 Acute Aortic Syndrome Patrick Rudersdorf, MD	Session 31* Cadaver Lab Brain Dissection Kathy Beauchamp, MD	Session 32 Forensic Cases in ALS Airway Management Paul Werfel	Session 33 Thermal Burns: From Scar Wars to Star Wars Connie Mattera	Session 34 Coroner Scenes and the First Responder Thomas Weldon	Session 35 Do I Have to Show Them Everything? Colorado Open Records Law Daniel Hatlestad	Hands-On Adult (ALS & BLS) Children's Hospital ED Physicians
11:15 AM - 11:30 AM Break in Exhibit Hall							
11:30 AM to 12:30 PM	Session 36 Little People, Big Problems: Pediatric Emergency Medicine Case Review Patrick Mahar, MD	Session 37* Cadaver Lab Brain Dissection Kathy Beauchamp, MD	Session 38 Lethal Weapon... Are You Bagging the Life Out of Your Patients? Jonathan Politis	Session 39 Burning Questions in PreHospital Burn Care Anne Wagner, MD	Session 40 Safety Patient Mobility - Bariatric Emergencies Adam Wojciehowski	Session 41 Post-Intubation Sedation: Insuring Comfort, Safety and Best Outcomes David Kearns	Hands-On Adult (ALS & BLS) HealthOne EMS
12:30 PM - 1:30 PM Lunch Break (Lunch will be served until 1:15 PM)							
1:45 PM to 3:15 PM	Session 42 Prehospital Pediatric Assessment: A Systematic Approach Paul Werfel	Session 43* Cadaver Lab Heart Dissection Scott Branney, MD	Session 44 Huffin' and Puffin': Pulmonary Assessment Essentials Connie Mattera	Session 45 Medical Case Review Timothy McCawley	Session 46 Zombie Driver... Shift of the Living Dead Adam Wojciehowski	Session 47 Addressing the 7 Dirty Words of EMS Safety Carl Craigle	Hands-On Adult (ALS & BLS) Children's Hospital ED Physicians
3:15 PM - 3:45 PM Class Change							
3:45 PM to 4:45 PM	Session 48 Mobilizing, Mechanically Ventilating and Medicating the Morbidly Obese Patient Justin McLean, MD	Session 49* Cadaver Lab Heart Dissection Scott Branney, MD	Session 50 Bloody Sewage... Sepsis Awareness for the EMT Jonathan Politis	Session 51 Trauma Case Reviews Timothy McCawley	Session 52 Excited Delirium - A True Medical Emergency; Not a Crime Adam Wojciehowski	Session 53 What Can You do After You Say You're Sorry? Mari Potter	Hands-On Adult (ALS & BLS) HealthOne EMS
6:30 PM - 7:30 PM Awards Reception and Presentation							

SUNDAY CONFERENCE SCHEDULE - NOVEMBER 5, 2017

7:30 AM - 8:00 AM Continental Breakfast in Exhibit Hall							
8:00 AM to 9:15 AM	Session 54 Pragmatic 12 Lead EKGs William Ferguson, MD	Session 55 The Role of EMS in Firefighter Rehab: Structural and Wildland Daniel Hatlestad	Session 56 Tourniquets: Myths and Misconceptions in the Art of Field Hemorrhage Control James Yon, MD	Session 57 Don't Show Me the Money: Effectively Incentivizing Volunteers Nancy Magee	Session 58 Working Relationships with Your Medical Director Timothy McCawley		
9:15 AM - 9:30 AM Break							
9:30 AM to 10:45 AM	Session 59 Introduction to Portable Ventilators Carl Craigle	Session 60 Street Care of Thoracic Trauma Michele Sweeney, MD	Session 61 Diabetic Emergencies: "Not Just Highs and Lows" William Ferguson, MD	Session 62 Competence Breeds Confidence: Keeping Your Low Volume EMS Volunteers Engaged and Ready to Respond Nancy Magee	Session 63 Colorado EMS and Trauma: State of the State Jeanne-Marie Bakehouse		
10:45 AM - 11:00 AM Break							
11:00 AM to 12:15 PM	Session 64 Breathe Easy: The Physiology of Hypoxia Michael Overbeck, MD	Session 65 Making Emergency Vehicles Safer by Examining the Human Factors and Mindset of Vehicle Operators Timothy Zimmerman	Session 66 Case Reviews for the ALS Provider-2017 David Sanko	Session 67 Everything We Know About Recruiting & Retaining EMS Volunteers Nancy Magee	Session 68 Developing a Just Culture for Our Teammates (to Err is Human - But Where Do You Draw the Line?) Carl Craigle		
12:15 PM Conference Adjourns							

SESSION 25

How Shocking! Prehospital Evaluation and Management of Lightning Emergencies

Gina Soriya, MD

Colorado is a well-known hot spot for lightning fatalities. Increase your knowledge of the types of lightning and how they result in injury/death. Review the pathophysiology of lightning trauma and the distinct differences in prehospital management of these injuries versus other trauma patients.

SESSION 26

Old Guys Rule! (and take a lot of meds too!)

Jonathan Politis

Looking at a shoebox of meds and trying to sort it all out can be daunting, but those meds are usually the key to their medical history. This session will review some of the most common prescription meds and why your patients may be taking them.

SESSION 27

Trauma Case Studies

Connie Mattera

This presentation uses case scenarios to stimulate discussion underscoring the importance of thorough patient assessments, accurate interpretation of data, the ability to preliminarily rule in or rule out a constellation of injuries, and exercising critical judgment skills.

SESSION 28

The Mile High Club

Kevin McFarlane

You're on a plane and suddenly you hear a call for anyone with medical training. Do you respond?

SESSION 29

The Prehospital Assessment and Treatment of Anaphylaxis

Paul Werfel

Anaphylaxis is a Greek word meaning "against or opposite." These exaggerated allergic reactions account for 400-800 deaths per year in the U.S. Topics include: antigen-antibody reaction, immune responses, the lymphatic system, immunoglobulins, and chemical mediators.

SATURDAY / NOVEMBER 4, 2017 - 9:45 AM TO 11:15 AM

SESSION 30

Acute Aortic Syndrome

Patrick Rudersdorf, MD

Acute aortic syndrome (AAS) requires an emergent cardiothoracic surgery consultation. There are many different etiologies of AAS and the presentation may differ. Regardless, once a diagnosis of AAS is made, referral to an appropriate treatment center is paramount.

SESSION 31 *

Cadaver Lab Brain Dissection

Kathy Beauchamp, MD

A visual tour through the cranial vault will review the external and internal structures of the skull and brain as well as parts of the spine and other nervous structures. During the session each participant will have a brain to dissect.

NOTE: This session is limited to 25 people. Please register early.

SESSION 32

Forensic Cases In ALS Airway Management

Paul Werfel

We all know that inserting endotracheal tubes or other ALS airway adjunct is fraught with difficulty, but do we really appreciate the risks? What happens when things go terribly wrong? This session reviews cases studies that highlight issues involved from EMS arrival to court decision/disposition.

SESSION 33

Thermal Burns: From Scar Wars to Star Wars

Connie Mattera

Once you have seen, smelled or touched a patient with a critical full thickness burn, you will never forget the experience and you can rapidly and accurately assess the difference between partial and full thickness injury. From scar wars to star wars, research is advancing trauma care of patients.

SESSION 34

Coroner Scenes and the First Responder

Thomas Weldon

Once a death or fatality is identified on the scene, the actions of the first responders can have a direct impact on the death investigation that follows. This session is designed to educate the first responder on the role of the coroner and the impact they have on the scene.

SESSION 35

Do I Have to Show Them Everything? Colorado Open Records Law

Daniel Hatlestad

Is your EMS agency ready to fulfill the requirements of the Colorado Open Records Act? Colorado's open record laws permit any person to request information from Colorado government agencies. Colorado's open records laws apply at every level including towns, cities, counties, and state agencies.

9:45 AM - 11:15 AM

Hands-On Skills

Children's Hospital ED Physicians

Have you ever wanted to ask a Children's Hospital ER Physician a question while delivering a patient, but it just wasn't the right time? Here's your chance to participate in scenario-based learning, headed by The Children's Hospital ED physicians, in a fun, relaxed environment. Best practices will be discussed in the management of the acutely sick or injured pediatric patient.

*This session is limited to 20 people. Please register early.

SATURDAY / NOVEMBER 4, 2017 - 11:30 AM TO 12:30 PM

SESSION 36

Little People, Big Problems: Pediatric Emergency Medicine Case Review

Patrick Mahar, MD

These pediatric cases will touch on the approach to challenging cases that are common and/or interesting medical and trauma presentations.

SESSION 37*

Cadaver Lab Brain Dissection Repeat of Session 21

Kathy Beauchamp, MD

A visual tour through the cranial vault will review the external and internal structures of the skull and brain as well as parts of the spine and other nervous structures. During the session each participant will have a brain to dissect.

NOTE: This session is limited to 25 people. Please register early.

SESSION 38

Lethal Weapon...Are you Bagging the Life Out of your Patients?

Jonathan Politis

We used to think the basic skill of ventilation was simple and uncomplicated. Come and learn how successful ventilation and oxygenation is deceptively complicated due to impact on blood flow, blood chemistry, cerebral perfusion, and ultimately, patient outcomes.

SESSION 39

Burning Questions in Prehospital Burn Care

Anne Wagner, MD, FACS

This session will cover prehospital presentation including prehospital and acute care of all burn related patients to achieve maximum outcomes in the first 24 hours.

SESSION 40

Safety Patient Mobility - Bariatric Emergencies

Adam Wojciehowski

This presentation will address the common challenges, call types and requirements for pre-planning when treating the morbidly obese patient.

SESSION 41

Post-Intubation Sedation: Insuring Comfort, Safety and Best Outcomes

David Kearns

Once the patient is intubated, the next challenge is to maximize compliance with ventilation while insuring patient comfort and safety. This session will review current research and clinical trials with an emphasis on the application to the unique needs of the prehospital provider.

11:30 AM - 12:30 PM

Hands-On Skills HealthOne EMS

High-definition simulation equipment will be utilized to provide scenario-based/real-time training in this skills lab. The goal will be to provide the participant with exposure to high-acuity, low volume scenarios to improve his/her comfort level in treating difficult patient presentations.

*This session is limited to 20 people. Please register early.

SATURDAY / NOVEMBER 4, 2017 - 1:45 PM TO 3:15 PM

SESSION 42

Prehospital Pediatric Assessment: A Systematic Approach

Paul Werfel

For most prehospital practitioners, few things create as much anxiety as the emergent pediatric patient. Most of us are quite comfortable with assessing adult patients, but what are the assessment parameters for kids? This presentation will sharpen your assessment skills and demystify this topic.

SESSION 43*

Cadaver Lab Heart Dissection

Scott Branney, MD

Dr. Scott Branney will teach you all about the inner workings of the heart, physiologically speaking. This hands-on dissection lab is guaranteed to be fun and low-stress.

NOTE: This session is limited to 25 people. Please register early.

SESSION 44

Huffin' and Puffin': Pulmonary Assessment Essentials

Connie Mattera

It's our job to figure out if a respiratory problem is caused by a ventilation, diffusion, or perfusion deficit based on a careful assessment of the pulmonary system using inspection, palpation, percussion, and auscultation so we select the right intervention for each patient.

SESSION 45

Medical Case Review

Timothy McCawley

In this session we will examine medical cases to explore if there is anything we can be doing better in the field for our patients. These are cases that may be straight forward - or that will make *you* go "hmm."

SESSION 46

Zombie Driver...Shift of the Living Dead

Adam Wojciehowski

Fatigue is ranked as a major factor in causing road crashes although its contribution to individual cases is hard to measure and is often not reported as a cause of crash. Driver fatigue is particularly dangerous because one of the symptoms is decreased ability to judge our own level of tiredness.

SESSION 47

Addressing the 7 Dirty Words of EMS Safety

Carl Craigle

It is easy to identify safety issues in EMS, but solutions are not so easy to agree upon and apply in our profession. This interactive presentation will provide participants an opportunity to express opinions or solutions to current EMS safety issues.

* Indicates repeated or continued sessions

1:45 PM - 3:15 PM

*This session is limited to 20 people. Please register early.

Hands-On Skills Children's Hospital ED Physicians

Have you ever wanted to ask a Children's Hospital ER Physician a question while delivering a patient, but it just wasn't the right time? Here's your chance to participate in scenario-based learning,

headed by The Children's Hospital ED physicians, in a fun, relaxed environment. Best practices will be discussed in the management of the acutely sick or injured pediatric patient.

SATURDAY / NOVEMBER 4, 2017 - 3:45 PM TO 4:45 PM

SESSION 48

Mobilizing, Mechanically Ventilating and Medicating the Morbidly Obese Patient **Justin McLean, MD**

Morbidly obese patients present specific challenges when transporting the critically ill. This session will review critical care transport issues, such as ventilating the intubated morbidly obese patient and medication adjustments that may be needed.

SESSION 49*

Cadaver Lab Heart Dissection Repeat of Session 43 **Scott Branney, MD**

Dr. Scott Branney will teach you all about the inner workings of the heart, physiologically speaking. This hands-on dissection lab is guaranteed to be fun and low-stress.

NOTE: This session is limited to 25 people. Please register early.

SESSION 50

Bloody Sewage... Sepsis Awareness for the EMT **Jonathan Politis**

Sepsis is a major cause of death in the U.S. This presentation will explain the evolution and effects of an infection in the bloodstream and how it causes septic shock. Concepts of SIRS, sepsis and septic shock will be covered along with early recognition and management of sepsis.

SESSION 51

Trauma Case Reviews **Timothy McCawley**

These interesting trauma cases will keep you on your toes. Some participants have said 'they can't prepare you for that in Paramedic school'. These scenarios may be like a game of "Clue" with the twist and turns, but in the end we will learn more trauma management.

SESSION 52

Excited Delirium – a True Medical Emergency; Not a Crime **Adam Wojciehowski**

A screaming, agitated individual standing in traffic required only police response. When forced to calm the subject, injuries occurred and EMS responded at the request of the police. Treatment focused upon clearing them for incarceration. This scenario often resulted in death of the subject.

SESSION 53

What Can You Do After You Say You're Sorry **Marti Potter**

When someone experiences a loss we may say "I am sorry for your loss." But then what? This presentation offers ideas for interventions that can assist others in dealing with loss. We will also discuss ways to assist healthcare workers who experience work-related stress from the loss of others.

3:45 PM - 4:45 PM

Hands-On Skills **HealthOne EMS**

High-definition simulation equipment will be utilized to provide scenario-based/real-time training in this skills lab. The goal will be to provide the participant with exposure to high-acuity, low volume scenarios to improve his/her comfort level in treating difficult patient presentations.

*This session is limited to 20 people. Please register early.

AWARDS RECEPTION/PRESENTATION

Join your colleagues as we recognize those who have performed outstanding service to their communities. Visit emsac.org/awards for information.

SUNDAY / NOVEMBER 5, 2017 - 8:00 AM TO 9:15 AM

SESSION 54

Pragmatic 12 Lead EKGs **William Ferguson, MD**

Pragmatic EKG interpretation will review practical application of current trends in therapy for both the beginner and experienced ACLS provider. The most common pathophysiology of dysrhythmias along with critical, life threatening mimics in a practical, easily useable format will be presented.

SESSION 55

The Role of EMS in Firefighter Rehab: Structural and Wildland **Daniel Hatlestad**

Stress-related health issues account for many of the leading causes of firefighter injury and death. EMS clinicians must rapidly identify the need for rehabilitation on both structural and wildland fires, implement a systematic assessment and identify firefighters in need of additional care.

SESSION 56

Tourniquets: Myths and Misconceptions in the Art of Field Hemorrhage Control **James Yon, MD**

Misconceptions or outdated data can lead to improper use of tourniquets. In this session, tourniquet types will be reviewed, proper use discussed, and many of the controversies in tourniquet use will be addressed.

SESSION 57

Don't Show Me the Money: Effectively Incentivizing Volunteers **Nancy Magee**

Join Nancy Magee as she examines what truly motivates EMS volunteers and how to encourage and embrace those motivations at your agency.

SESSION 58

Working Relationships with Your Medical Director **Timothy McCawley**

Looking for a new Medical Director or do you have a new Medical Director? How do you build a relationship to better your organization? In this session we discuss how to build a relationship with your Medical Director from both the provider and the administrator levels.

SUNDAY / NOVEMBER 5, 2017 - 9:30 AM TO 10:45 AM

SESSION 59

Introduction to Portable Ventilators

Carl Craigle

Aside from the critical care transport environment, should the use of portable ventilators become a standard of care in the 911 setting? This presentation will introduce BLS & ALS professionals to the basic principles of setting up a vent in the field.

SESSION 60

Street Care of Thoracic Trauma

Michele Sweeney, MD

Learn and review best practices in recognizing and treating acute life-threatening trauma to the thoracic organs.

SESSION 61

Diabetic Emergencies: "Not Just Highs and Lows"

William Ferguson, MD

The session will discuss current trends in outpatient management of diabetes that can impact patient encounters and will include more than hypoglycemia and hyperglycemia. Pearls of how to identify diabetic emergencies and discuss the appropriate course of treatment will be provided.

SESSION 62

Competence Breeds Confidence: Keeping Your Low Volume EMS Volunteers Engaged and Ready to Respond

Nancy Magee

This presentation will explore strategies to keep your skills sharp and your confidence high even if you're not running calls. Topics include how to K.I.S.S your ambulance and SWOT your staff by simplifying your equipment and utilizing cognitive off-loading.

SESSION 63

Colorado EMS and Trauma: State of the State

Jeanne-Marie Bakehouse

Hear from the State EMTS office about policy initiatives and rule revisions for Colorado's EMS and Trauma system, and how these changes affect certified EMS providers, licensed air ambulance agencies, designated trauma centers, and recognized education programs.

SUNDAY / NOVEMBER 5, 2017 - 11:00 AM TO 12:15 PM

SESSION 64

Breathe Easy: The Physiology of Hypoxia

Michael Overbeck, MD

Providers on the front lines encounter hypoxia in patients regularly. This session will review the processes that underlie hypoxia like deadspace, shunting and pulmonary edema, and review techniques to address hypoxia including deadspace ventilation, apneic oxygenation, and positive pressure.

SESSION 65

Making Emergency Vehicles Safer by Examining the Human Factors and Mindset of Vehicle Operators

Timothy Zimmerman

We all seek the safer ambulance design. Until we answer the question "Why do we drive emergency vehicles the way we do?" we will struggle to find the safe ambulance. Could the answer to the safer ambulance be found in human factors involved in the operation of the emergency vehicle?

SESSION 66

Case Reviews for the ALS Provider - 2017

David Sanko

A generous mix of medical and trauma cases will test even the most experienced provider. The patient's presentation from the EMS perspective will be followed through the hospital course. Compare your treatment plan to what actually transpired.

SESSION 67

Everything We Know About Recruiting & Retaining EMS Volunteers

Nancy Magee

Ask any volunteer agency administrator and their greatest challenge is recruitment and retention of quality personnel. Volunteer agencies around the country are struggling to staff ambulances and many are closing their doors. This class explores the reasons your agency struggles to keep personnel.

SESSION 68

Developing a Just Culture for Our Teammates (To Err is Human - But Where do You Draw the Line?)

Carl Craigle

EMS providers are expected to think around corners and make difficult decisions under pressure. Even though we work in a high stakes environment and serious consequences can be looming, human beings make mistakes. Should we console, coach or punish our people when bad things happen?

REGISTRATION FORM

Colorado State EMS Conference – November 2-5, 2017 – Keystone Resort & Conference Center, Keystone, Colorado **Page 1 of 4**
Please print or type all information below. One registrant per form; this form may be photocopied for additional registrations.
Registrations will not be accepted without accompanying payment. Facility purchase order may be accepted as payment guarantee and full payment must be received prior to the conference. If payment has not been received, participants will be asked to provide payment information prior to picking up their packet. **Register online at emsac.org to assure you receive your preferred classes.**

REGISTRANT INFORMATION

Please print legibly or type. This information will appear on your name badge and other conference materials.

First Name _____ Last Name _____

EMS Provider Level: ☐ First Responder ☐ EMT ☐ AEMT ☐ EMT-I ☐ Paramedic ☐ Nurse ☐ Physician ☐ Other: _____

EMS Agency _____

The mailing address below is: ☐ Work address ☐ Home address

Mailing Address _____

City _____ State _____ Zip _____

E-mail Address _____ (Registration confirmations will be sent via email.)

Daytime Telephone (_____) _____ Fax (_____) _____

☐ The conference may provide its mailing list to outside companies. These companies have been approved by the conference to send communications to attendees either by mail or by email. Please check the box above to **opt out** of both mail and email lists.

EMSAC MEMBERSHIP

☐ Check here to join EMSAC for \$40 for an individual membership and receive the member rate for an individual registration.

We offer a discounted squad rate for EMSAC Group Members only. **Please note:** In order to receive the member rate your membership must be active through the end of November. Squad registrations may be processed through the online registration system. A list of all individuals that will be submitting registrations through your squad **MUST** be sent to the conference office (Fax 303-200-7099 or email Conference@emsac.org) as well as a contact name, address and phone number. Please note if your squad does not reach the minimum number required for Squad Registration you will be billed the difference.

INDIVIDUAL REGISTRATION

	Advance Registration On or Before 10/20/17	On-Site
Conf '17 – Full Conference Registration (Member)	<input type="checkbox"/> \$299	<input type="checkbox"/> \$329
Conf '17 – Full Conference Registration (Non-Member)	<input type="checkbox"/> \$399	<input type="checkbox"/> \$429

SQUAD REGISTRATION - FOR EMSAC GROUP MEMBERS ONLY

Your squad may register one-at-a-time. We just ask that a list of everyone attending under this rate be sent to the office prior to registering.

Conf '17 – Full Conference Registration (3-5 attendees from same agency)	<input type="checkbox"/> \$270	<input type="checkbox"/> \$295
Conf '17 – Full Conference Registration (6+ attendees from same agency)	<input type="checkbox"/> \$255	<input type="checkbox"/> \$285

ONE-DAY CONFERENCE REGISTRATION

Select if you would like to attend one or two days of the conference, and are not attending a pre-conference workshop.

Conf '17 – Friday, November 3, 2017 (includes lunch - if pre-registered)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$185
Conf '17 – Saturday, November 4, 2017 (includes lunch - if pre-registered)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$185
Conf '17 – Sunday, November 5, 2017	<input type="checkbox"/> \$75	<input type="checkbox"/> \$95

PRE-CONFERENCE WORKSHOPS WITH FULL CONFERENCE REGISTRATION

If you would like to attend a pre-conference workshop and the FULL conference, please select from the following.

Please note that if you select one of these you DO NOT need to select another registration category.

All-Day Workshops - Page 7 - Thursday, November 2, 2017	Advance Registration On or Before 10/20/17	On-Site	Which PCAD?
Conf '17 – PCAD Pre-Conference with Full Conference Registration (Member)	<input type="checkbox"/> \$474	<input type="checkbox"/> \$499	_____
Conf '17 – PCAD Pre-Conference with Full Conference Registration (Non-Member)	<input type="checkbox"/> \$574	<input type="checkbox"/> \$599	_____
Conf '17 – PCAD Pre-Conference with Full Conf. Reg. (3-5 attendees from the same agency)	<input type="checkbox"/> \$445	<input type="checkbox"/> \$470	_____
Conf '17 – PCAD Pre-Conference with Full Conf. Reg. (6+ attendees from the same agency)	<input type="checkbox"/> \$430	<input type="checkbox"/> \$455	_____
Physician's Forum (physicians only)	<input type="checkbox"/> \$175	<input type="checkbox"/> \$175	

PRE-CONFERENCE WORKSHOPS ONLY REGISTRATION

If you would like to only attend the pre-conference workshops, please select from the following.

Pre-Conference Workshops Only - Page 8 - Thursday, November 2, 2017	Advance Registration On or Before 10/20/17	On-Site	Which PCAD?
Conf '17 – PCAD1, PCAD2, PCAD3, PCAD4, or PCAD5	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	_____
Conf '17 – PCAD6 - Thursday and Friday	<input type="checkbox"/> \$200	<input type="checkbox"/> \$225	

FOOD ALLERGENS

TOTAL

All meals are buffet style so depending on your selection, some food options may contain dairy, egg, soy wheat, peanuts, tree nuts, shellfish or fish. A vegetarian option will be available.

CONFERENCE REGISTRATION FORM

Name: _____ Page 2 of 4

COURSE REGISTRATION

Please check the box for each class which you wish to attend. Class sizes are limited and classes will be filled in the order in which registrations are received.

Session	Title	Speaker(s)
Friday, November 3, 2017 10:00 am to 3:00 pm - Physician's Forum		
Friday, November 3, 2017 10:30 am to 12:00 pm - Page 7 (Select only one in this time period)		
<input type="checkbox"/> 1	Misses and Mimics: ECG Signs of Myocardial Ischemia	Dylan Luyten, MD
<input type="checkbox"/> 2	Cadaver Lab Abdominal	Sue Slone, MD
<input type="checkbox"/> 3	Doing the Right Thing is Always Easier	Reuben Farnsworth
<input type="checkbox"/> 4	Interpersonal Violence: Domestic Violence, Sexual Assault and Strangulation for EMS	Michelle Metz
<input type="checkbox"/> 5	The EMS Skeptic's Guide to Alternative Medicine: Helpful, Harmful or Hoax?	Brian Behn
<input type="checkbox"/> 6	Deep Dive into Empathy vs. Sympathy for Our Co-workers and Our Profession	Timothy Neaderhiser
<input type="checkbox"/> HOSSAH	Hands-On Skills - St Anthony PreHospital Services ALS/BLS	St. Anthony PreHospital Services
Friday, November 3, 2017 1:30 pm to 2:30 pm - Page 8 (Select only one in this time period)		
<input type="checkbox"/> 7	Willy Wonka and the Ketamine Factory	Cindy Joseph
<input type="checkbox"/> 8	Cadaver Lab Abdominal	Sue Slone, MD
<input type="checkbox"/> 9	What I Learned from Spending 8 Weeks in the Hospital or...OB Emergencies	Jenn Oese
<input type="checkbox"/> 10	Poly Trauma from MCA: Case Review from Prehospital Care	Steve Morgan, MD
<input type="checkbox"/> 11	For the Love of All That Is Holy: Adapting to Your Patients' Religious Beliefs	Reuben Farnsworth
<input type="checkbox"/> 12	Pediatric Fever-Seizure-Syncope	Timothy Neaderhiser
<input type="checkbox"/> HOSFFL	Hands-On Skills - Flight for Life Colorado ALS/BLS	Flight for Life Colorado
Friday, November 3, 2017 3:00 pm to 4:00 pm - Page 8 (Select only one in this time period)		
<input type="checkbox"/> 13	Dialyze This! A Review of Chronic Kidney Disease	Andrew Higgins
<input type="checkbox"/> 14	Cadaver Lab Thoracic	Charles Mains, MD
<input type="checkbox"/> 15	That's Freaking Me Out! Assessment and Management of Eye and Orbit Injuries	Don Stroup
<input type="checkbox"/> 16	Electrical Burn Injury: It's Shocking! One Lineman's Story of Injury and Recovery	Rebecca Garber
<input type="checkbox"/> 17	Command and Control at Active Shooter/Hybrid Violence Incident's and Rescue Task Force Concepts	Justin Overholt
<input type="checkbox"/> 18	Hold Still, You're Going to Feel a Little Poke!	Kevin McFarlane
<input type="checkbox"/> HOSHS	Hands-On Skills - Flight For Life Helicopter Safety	Flight for Life Colorado
Friday, November 3, 2017 4:15 pm to 5:15 pm - Page 9 (Select only one in this time period)		
<input type="checkbox"/> 19	You're Lost without a MAP	Shane Baird
<input type="checkbox"/> 20	Cadaver Lab Thoracic	Charles Mains, MD
<input type="checkbox"/> 21	Marijuana Legalization and Butane Hash Oil Burns: The Dangers Posed to EMS	Arek Wiktor, MD
<input type="checkbox"/> 22	Ranch and Rodeo Injuries	Sue Slone, MD
<input type="checkbox"/> 23	Apparent Life Threatening Events in Infants (ALTE)	Kevin McFarlane
<input type="checkbox"/> 24	The Soft Goopy Part: Recognizing Central Nervous System Trauma	Don Stroup

CONFERENCE REGISTRATION FORM

Name: _____ Page 3 of 4

COURSE REGISTRATION (CONTINUED)

Please check the box for each class which you wish to attend. Class sizes are limited and classes will be filled in the order in which registrations are received.

Session	Title	Speaker(s)
Saturday, November 4, 2017 8:00 am to 9:30 am - Page 12 (Select only one in this time period)		
<input type="checkbox"/> 25	How Shocking! Prehospital Evaluation and Management of Lightning Emergencies	Gina Soriya, MD
<input type="checkbox"/> 26	Old Guys Rule! (and take meds too!)	Jonathan Politis
<input type="checkbox"/> 27	Trauma Case Studies	Connie Mattera
<input type="checkbox"/> 28	The Mile High Club	Kevin McFarlane
<input type="checkbox"/> 29	The Prehospital Assessment and Treatment of Anaphylaxis	Paul Werfel
Saturday, November 4, 2017 9:45 am to 11:15 am - Pages 12 (Select only one in this time period)		
<input type="checkbox"/> 30	Acute Aortic Syndrome	Patrick Rudersdorf, MD
<input type="checkbox"/> 31	Cadaver Lab Brain Dissection	Kathy Beauchamp, MD
<input type="checkbox"/> 32	Forensic Cases in ALS Airway Management	Paul Werfel
<input type="checkbox"/> 33	Thermal Burns: From Scar Wars to Star Wars	Connie Mattera
<input type="checkbox"/> 34	Coroner Scenes and the First Responder	Thomas Weldon
<input type="checkbox"/> 35	Do I Have to Show Them Everything? Colorado Open Records Law	Daniel Hatlestad
<input type="checkbox"/> HOSCH1	Hands-On Skills - Children's Hospital Colorado ALS/BLS	The Children's Hospital ED Physicians
Saturday, November 4, 2017 11:30 am to 12:30 pm - Page 13 (Select only one in this time period)		
<input type="checkbox"/> 36	Little People, Big Problems: Pediatric Emergency Medicine Case Review	Patrick Mahar, MD
<input type="checkbox"/> 37	Cadaver Lab Brain Dissection	Kathy Beauchamp, MD
<input type="checkbox"/> 38	Lethal Weapon... Are you Bagging the Life Out of Your Patients?	Jonathan Politis
<input type="checkbox"/> 39	Burning Questions in Pre-Hospital Burn Care	Anne Wagner, MD
<input type="checkbox"/> 40	SPM - Bariatric Emergencies	Adam Wojciehowski
<input type="checkbox"/> 41	Post-Intubation Sedation: Insuring Comfort, Safety and Best Outcomes	David Kearns
<input type="checkbox"/> HOSHE1	Hands-On Skills - HealthOne EMS - ALS/BLS	HealthOne EMS
Saturday, November 4, 2017 1:45 pm to 3:15 pm - Page 13 (Select only one in this time period)		
<input type="checkbox"/> 42	Prehospital Pediatric Assessment: A Systematic Approach	Paul Werfel
<input type="checkbox"/> 43	Cadaver Lab Heart Dissection	Scott Branney, MD
<input type="checkbox"/> 44	Huffin' and Puffin': Pulmonary Assessment Essentials	Connie Mattera
<input type="checkbox"/> 45	Medical Case Review	Timothy McCawley
<input type="checkbox"/> 46	Zombie Driver...Shift of the Living Dead	Adam Wojciehowski
<input type="checkbox"/> 47	Addressing the 7 Dirty Words of EMS Safety	Carl Craigle
<input type="checkbox"/> HOSCH2	Hands-On Skills - Children's Hospital Colorado ALS/BLS	The Children's Hospital ED Physicians

CONFERENCE REGISTRATION FORM

Name: _____ Page 4 of 4

COURSE REGISTRATION (CONTINUED)

Please check the box for each class which you wish to attend. Class sizes are limited and classes will be filled in the order in which registrations are received.

Session	Title	Speaker(s)
Saturday, November 4, 2017 3:45 pm to 4:45 pm - Page 14 (Select only one in this time period)		
<input type="checkbox"/> 48	Mobilizing, Mechanically Ventilating, and Medicating the Morbidly Obese Patient	Justin McLean, MD
<input type="checkbox"/> 49	Cadaver Lab Heart Dissection	Scott Branney, MD
<input type="checkbox"/> 50	Bloody Sewage...Sepsis Awareness for the EMT	Jonathan Politis
<input type="checkbox"/> 51	Tauma Case Reviews	Timothy McCawley
<input type="checkbox"/> 52	Excited Delirium - A True Medical Emergency; Not a Crime	Adam Wojciehowski
<input type="checkbox"/> 53	What Can You Do After You Say You're Sorry	Marti Potter
<input type="checkbox"/> HOSHE2	Hands-On Skills - HealthOne EMS - ALS/BLS	HealthOne EMS
Sunday, November 5, 2017 8:00 am to 9:15 am - Page 14 (Select only one in this time period)		
<input type="checkbox"/> 54	Pragmatic 12 Lead EKGs	William Ferguson, MD
<input type="checkbox"/> 55	The Role of EMS in Firefighter Rehab: Structural and Wildland	Daniel Hatlestad
<input type="checkbox"/> 56	Tourniquets: Myths and Misconceptions in the Art of Field Hemorrhage Control	James Yon, MD
<input type="checkbox"/> 57	Don't Show Me the Money: Effectively Incentivizing Volunteers	Nancy Magee
<input type="checkbox"/> 58	Working Relationships with Your Medical Director	Timothy McCawley
Sunday, November 5, 2017 9:30 am to 10:45 am - Page 15 (Select only one in this time period)		
<input type="checkbox"/> 59	Introduction to Portable Ventilators	Carl Craigle
<input type="checkbox"/> 60	Street Care of Thoracic Trauma	Michele Sweeney, MD
<input type="checkbox"/> 61	Diabetic Emergencies: "Not Just Highs and Lows"	William Ferguson, MD
<input type="checkbox"/> 62	Competence Breeds Confidence: Keeping Your Low Volume EMS Volunteers Engaged and Ready to Respond	Nancy Magee
<input type="checkbox"/> 63	Colorado EMS and Trauma: State of the State	Jeanne-Marie Bakehouse
Sunday, November 5, 2017 11:00 am to 12:15 pm - Page 15 (Select only one in this time period)		
<input type="checkbox"/> 64	Breathe Easy: The Physiology of Hypoxia	Michael Overbeck, MD
<input type="checkbox"/> 65	Making Emergency Vehicles Safer by Examining the Human Factors and Mindset of Vehicle Operators	Timothy Zimmerman
<input type="checkbox"/> 66	Case Reviews for ALS Provider - 2017	David Sanko
<input type="checkbox"/> 67	Everything We Know About Recruiting & Retaining EMS Volunteers	Nancy Magee
<input type="checkbox"/> 68	Developing a Just Culture for our Teammates (to Err is Human - But Where Do You Draw the Line?)	Carl Craigle

PAYMENT

Registration will not be accepted without accompanying payment or facility purchase order. Payment is due in full prior to the conference. If payment has not been received, participants will be asked to provide payment information prior to picking up their packet.

☐ Check enclosed (payable to Colorado State EMS Conference) ☐ Purchase Order # _____ Credit Card: ☐ MasterCard ☐ VISA ☐ Discover ☐ American Express

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SPECIAL NEEDS

If you have any special needs, please contact us by phone at 303-317-6511 or by e-mail at conference@emsac.org

Please return with payment to: Colorado State EMS Conference, PO Box 3406, Englewood, CO 80155, Fax: 303-200-7099 or Register online at www.emsac.org
DO NOT MAIL this form after Friday, October 13, 2017. Please plan to register on-site at the conference after this date. Meals are not guaranteed for on-site registrants.







Join us next year!
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