



50th Annual

Emergency Care
and Trauma
Symposium

June 25-27, 2018

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Emergency Care and Trauma

Kalahari Resort and Convention Center | 1305 Kalahari Drive | Wisconsin Dells

2018

50th Annual
Emergency Care and Trauma
Symposium
June 25-27, 2018

Kalahari Resort and Convention Center, Wisconsin Dells



Sponsored by

UW Health • UW Med Flight

University Hospital Level One Trauma Center

Berbee Walsh Department of Emergency Medicine

University of Wisconsin School of Medicine and Public Health



BerbeeWalsh Department of
Emergency Medicine
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

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Who Should Attend?

The 50th Annual Emergency Care and Trauma Symposium is designed to educate emergency and trauma providers, from the pre-hospital environment through inpatient care. Education for EMS and nursing will be offered, with presentations and hands-on sessions based on the educational need of the participant. This includes EMS personnel and Emergency and Critical Care Nurses. Patients will be present when appropriate.

Symposium Outcomes

June 25th Outcomes

- Participants will examine ideas regarding unsafe scenes, utilize strategies to manage disasters in suboptimal conditions, and appreciate the value of self-care/debriefing after a disaster/terrorism event.
- Participants will utilize newest strategies and techniques to support and enhance care of patients with burns and head injuries.
- Participants will identify best practices in de-escalation techniques during an emotionally intense event and care of the Lesbian, Gay, Bisexual, Transgender populations.

June 26th Outcomes

- Participants will identify strategies to recognize and appropriately treat patients suffering from drug overdose.
- Participants will utilize updated practices for pediatric populations (trauma, respiratory distress, neurological impairments) to support and enhance care of those patients.
- Participants will enhance their knowledge regarding care of patients with chronic pain, cardiac arrest, and respiratory ailments requiring mechanical intervention.

June 27 Outcomes

- Participants will visualize and understand mechanism of injury and best treatment modalities for agricultural injuries including auger, crush, farm animal, manure storage, grain storage and toxic chemical injuries.
- Participants will utilize newest strategies and techniques to support and enhance care of patients with stroke and heart attack.
- Participants will utilize key information presented through case study format to improve their practice in each care team along the health care continuum from scene arrival to discharge from the hospital.

Symposium Fees

The symposium fee of \$225 for June 25-27, 2018, includes the cost of tuition, materials, breakfasts, and lunches. Please visit the online registration site below for one-day fees.

Symposium Completion Report

Participants will receive an email post-symposium to complete an evaluation that will then lead to a credit report. All participants will be issued a name badge with a barcode upon registration. All sessions will be scanned for attendance purposes.

Registration

uwhealth.org/emssymposium

Further Information

For further information please contact Linda K. Pittz at lindapittz9@gmail.com or call/text **(608) 574-8707**.

Lodging

Book your hotel reservation now!

A block of rooms has been reserved at The Kalahari Resort and Convention Center, Wisconsin Dells, WI. The special symposium rates are \$139/night (Hut) and \$169/night (Lodge Suite). All rates are based on occupancy for up to four people plus tax. **Please call 877.253.5466 on or before May 25, 2018, and ask for the Emergency Care Conference 2018 Room Block** when making your reservation to receive this discounted rate. The block of rooms will be released to the general public on **May 25, 2018**.

Credit

Continuing Education Units: The University of Wisconsin–Madison, as a member of the University Continuing Education Association (UCEA), authorizes this program for up to 2.4 continuing education units (CEUs) or up to 24 hours.

Continuing Nursing Education: Contact hours will be awarded for this offering. University Hospital is an approved provider of continuing nursing education by the Wisconsin Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Course Materials

A printed course syllabus is not provided at the symposium. Presentations will be posted on the symposium website as PDF files. Presentations can only be posted if permission is granted by the presenter. PDF files will be available on the website beginning June 24, 2018.

Exhibits

Vendors will have an opportunity to exhibit on June 25-26, 2018 at the conference. Ample time has been included in the program to allow you to view the exhibits and meet representatives.

Symposium Attire

Please wear casual, comfortable clothing and bring a sweater or jacket to accommodate temperature variations and ensure your comfort in the conference room. The Trip To The Farm event on Wednesday, June 27th will be held rain or shine. Please dress appropriately for inclement weather or hot sun. ***Closed toe shoes are required!***

Keynote Speaker



Christina Herson, MD

Emergency Medicine & Medical Toxicology
Cambridge Health Alliance
Cambridge / Everett / Somerville

Christina Herson, M.D. is an Emergency Physician & Medical Toxicologist in Cambridge, Massachusetts who was volunteering at the finish line medical tent at the Boston Marathon in 2013, the year of the Bombings. From blood and glass, through shame and pain, she found a large gap in the way we teach disaster response. Now she is passionate teaching about spontaneous responders within the disaster gap.

Schedule

Monday, June 25, 2018

AM

6:30 Registration with hot breakfast

7:30 **KEYNOTE: THE SPONTANEOUS RESPONDER**

Christina Hernon, MD

Dr. Hernon will take participants on a journey through some of the major pieces of her personal experience at the finish line bomb scene at the 2013 Boston Marathon. The audience will be taken through the chaos, lack of safety and the need to improvise and think quickly to save lives. Dr. Hernon will share the psychological impact of this event as well as discuss the reality of her pain and recovery. She will also highlight defining concepts of a spontaneous responder, the disaster gap and the current, inadequate curriculum and support.

PANEL DISCUSSION: HOW TO GET THE NECESSARY SUPPORT TO FACILITATE TAKING CARE OF SELF

Christina Hernon, MD
Melissa Hauge, MSN, RN-BC
Jeffrey W. Gaver, DVM, MD, FACEP
Barb Morrison, BSN, RN
Dana Sechler, NREMT-P

10:15 Break

10:30 **BREAKOUT SESSIONS**

STOP THE BLEED

Stop the Bleed is a national initiative from the Hartford Consensus formed after the Sandy Hook School shooting in Newton, Connecticut in 2012.

With the nation's threat from intentional mass casualty remaining elevated, there are opportunities to improve the control of external hemorrhage in the civilian sector within our communities. The overarching principle is that no one should die from uncontrolled bleeding. The primary goal is to teach all citizens to learn how to stop bleeding.

The Bleeding Control for the Injured (B-CON) course was developed to include didactic and hands on training directed at actions to ensure personal safety, activation of appropriate transport resources, identifying life threatening bleeding, applying direct pressure, proper use of hemostatic dressings and other wound packing materials, and proper use of a tourniquet. The White House, Homeland Security, FEMA, the Department of Defense, and the American College of Surgeons endorse the program. The course can be offered as train the trainer or as a course to teach community members at large to be ready to stop life-threatening bleeding.

Benjamin L. Eithun, MSN, CRNP, RN, CPNP-AC, CCRN
Kelly Jung, MS, RN

OR

DE-ESCALATION AND HEALTH CARE

De-escalation techniques, limit setting, self-care and debriefing after an emotionally intense event.

Melissa Hauge, MSN, RN-BC
Michael Stephens, NREMT-P
Barb Morrison, BSN, RN
Mark Ravis, BSN, RN

PM

12:30 Lunch

1:15 **ESTIMATING BURN SIZE**
Andrea L. Williams, PhD, RN

1:30 **GCS**
Cynthia M. Griffin, DO, NREMT-P
Symposium Faculty

1:45 **S.A.L.A.D. SIMULATIONS**
S.A.L.A.D. **Suction Assisted Laryngoscopy Airway Decontamination** with simulation and hands on practice. Learn how to effectively and appropriately decontaminate the airway for positive results in patients with aspiration. We will go over this new technique in airway decontamination that is appropriate for all levels of care. Whether you are a first responder or a seasoned medic or a nurse, this presentation will change your practice. Participants will practice with large bore suction devices and never go back to a tonsil tipped suction device. There will be vomit simulators and guided deliberate practice. Are you up for the challenge?
Cynthia M. Griffin, DO, NREMT-P
Robert Barrix, NREMT-P
Sam Ireland, NREMT-P
Joel Porter, NREMT-P

3:15 **CARING FOR OUR LGBTQ PATIENTS AND FAMILIES**
Deanna Blanchard, MSN, RN-BC
Betsy Bazur-Leidy, BSN, RN, CPN

4:15 **DAILY TAKE AWAY**
Cynthia M. Griffin, DO, NREMT-P
Andrew D. Cathers, MD

4:30 **ADJOURN**

Tuesday, June 26, 2018

AM

6:30 Registration with hot breakfast

7:30 **UNINTENDED CONSEQUENCES: STREET DRUGS GONE WRONG**
A patient presents with a chief complaint, signs, symptoms and clues, and you have to work BACKWARDS to try to demystify the puzzle and to take great care of your patient even when you DON'T know the exact cause of the chief complaint.
Christina Hernon, MD

8:30 **WORKING WITH CHILDREN AT THE SCENE WHEN A PARENT HAS OVERDOSED**
Benjamin L. Eithun, MSN, CRNP, RN, CPNP-AC, CCRN

9:00 **COORDINATING CARE: EMS to ER to HOME**
Emergency Department Nurses that are liaisons to EMS and work with community (Senior Center, PD, Fire etc.) that develop plans for patients, will discuss some of their most difficult cases and how they reduced EMS calls.
Anna Hormig, BSN, CEN
Anna Robb, BSN, RN
Tina Strandlie, BSN, CEN
Janean Marr, RN, BSN

- 10:00 Break
- 10:15 **PAIN MODALITY AT ALL LEVELS**
Andrew D. Cathers, MD
- 10:30 **WHAT DOES THE PROVIDER DO?**
A quick synopsis of a case followed by a discussion of what each provider level does pertinent to care.
Michael K. Abernethy, MD, FAAEM
Cynthia Griffin, DO, NREMT-P
Michael Stephens, NREMT-P
- 10:45 **SOB and LUNG SOUNDS**
An audible review
Stuart M. McVicar, RRT, PF-C, CCEMT-P
- 11:00 **CPAP and BiPAP**
What and Why?
Stuart M. McVicar, RRT, PF-C, CCEMT-P
- 11:15 **WHEN THE CARETAKER BECOMES THE PATIENT**
Janean N. Marr, BSN, RN
Denise Reimer, EMT
With a Special Guest
- PM**
- 12:00 Lunch
- 1:00 **PEDIATRIC SEIZURES**
Michael K. Kim, MD
- 1:30 **PEDIATRIC TRAUMA: MULTI SYSTEM INJURY**
Benjamin L. Eithun, MSN, CRNP, RN, CPNP-AC, CCRN
- 2:00 **TRANSPORTING TINY BABIES/SPECIAL NEEDS CHILDREN WITH INTERACTIVE ACTIVITY.**
Stuart M. McVicar, RRT, PF-C, CCEMT-P
Kimberly A. Kenney, MSN, RN, BS
- 2:30 **PEDIATRIC RESPIRATORY EMERGENCIES**
Anna R. Sorenson, MD
- 3:00 **LITTLE ONES HAVE BIG EARS: COMMUNICATING WITH AND AROUND PEDIATRIC PATIENTS AND FAMILIES**
Amanda Roudebush, CCLS, Child Life Specialist
Regina Yocum, MA, CCLS, Child Life Specialist
- 3:30 **PEDIATRIC HEAD INJURY**
Michael K. Kim, MD
- 4:00 **DAILY TAKE AWAY**
Cynthia M. Griffin, DO, NREMT-P
Andrew D. Cathers, MD
- 4:30 **ADJOURN**

Wednesday, June 27, 2018

AM

6:30 Registration with hot breakfast

7:30 **A TRIP TO THE FARM**

Board the Bus for the University of Wisconsin Arlington Agricultural Research Station. Interactive education will take place during transport. This event will be held rain or shine. Please dress appropriately for inclement weather or hot sun. ***Closed toe shoes required!***

8:10 Wisconsin's agricultural industry contributes over \$88 billion to the state's economy. The backbone to this industry is composed of farms and fields that present a variety of challenges when someone is injured and requires emergency services. During education events at the UW Arlington Agricultural Research Station participants will learn about agricultural machinery and equipment, modern dairy operations and storage structures for grain and manure handling. Prepare for challenges emergency services may face when getting called out to a farm or field worksite and ramifications of injuries. Discussions will also correlate machinery mechanisms to other industrial equipment.

Presented by staff from UW Madison Biological Systems Engineering, UW Arlington Agricultural Research Station, UW Extension and Symposium Medical Personnel

PM

1:00 LUNCH WILL BE PROVIDED

1:45 Board the bus for travel to the Kalahari Resort and Convention Center. Interactive education will take place during transport.

2:30 **CARS – INTERACTIVE CASE REVIEW**

*Michael K. Abernethy, MD, FAAEM
With Special Guest*

3:00 **WAVE FORMS FOR THE WIN: END TIDAL CO2**

Cynthia M. Griffin, DO, NREMT-P

3:30 **CVA and STEMI**

Kimberly A. Kenney, MSN, RN, BS, CCRN

4:00 **CONFERENCE SUMMATION AND DAILY TAKE AWAY**

*Michael K. Abernethy, MD, FAAEM
Cynthia M. Griffin, DO, NREMT-P*

4:30 **ADJOURN**

Faculty and Planning Committee

Michael K. Abernethy, MD, FAAEM*, Chief Flight Physician, Med Flight, University of Wisconsin Hospital and Clinics; and Clinical Professor of Medicine, Division of Emergency Medicine, University of Wisconsin School of Medicine and Public Health; Conference Medical Director

Robert Barrix NREMTP, Airway Trainer, City of Sun Prairie EMS, Sun Prairie, WI

Betsy Bazur-Leidy, BSN, RN, CPN, PATH and Pediatric Endocrine Clinic, University of Wisconsin Hospital and Clinics, UW Health LGBTQ Task Force Member

Deanna Blanchard, MSN, RN-BC, Nursing Education Specialist-Ambulatory Clinics, University of Wisconsin Hospital and Clinics, UW Health LGBTQ Task Force Member

Andrew D. Cathers, MD*, Clinical Instructor; University of Wisconsin School of Medicine and Public Health; Med Flight Physician, UW Health, University of Wisconsin Hospital and Clinics

Benjamin L. Eithun, MSN, CRNP, RN, CPNP-AC, CCRN*, Pediatric Trauma Program Manager, American Family Children's Hospital, University of Wisconsin Hospital and Clinics, Madison, WI

Frank Erdman, MBA,* Critical Care Transport Manager, University of Wisconsin Hospital and Clinics

Jeffrey W. Gaver, DVM, MD, FACEP, Chief Medical Officer – various Road America Races; Former Flight Physician – UW Med Flight; Physician, Med- Link

Cynthia M. Griffin, DO, NREMT*, Emergency Physician, Agnesian Health; Med Flight Physician, UW Health, University of Wisconsin Hospital and Clinics

Melissa Hauge, MSN, RN-BC*, Nursing Education Specialist, Nursing Conference Coordinator, University Hospital, Madison, Wisconsin

Christina Hernon, MD, Emergency Medicine & Medical Toxicology, Cambridge Health Alliance, Cambridge / Everett / Somerville, Massachusetts

Anna Hormig, BSN, CEN, RN, Stoughton Hospital, Stoughton, WI

Sam Ireland NREMTP, LifeStar, Washington County, WI

Kelly Jung, MS, RN*, Adult Trauma Program Manager, University of Wisconsin Hospital and Clinics, Madison, WI

Michael K. Kim, MD*, Chief, Pediatric Emergency Medicine, University of Wisconsin Hospital and Clinics; Associate Professor of Medicine and Pediatrics, University of Wisconsin School of Medicine and Public Health; and Chair, Wisconsin Emergency Medical Services for Children

Kimberly A. Kenney, MSN, RN, BS, CCRN*, Nursing Education Specialist, Emergency Services, University of Wisconsin Hospital and Clinics

Sarah M. Larson, RN, CEN*, Chief Transport Nurse and Nurse Clinician, Med Flight, University of Wisconsin Hospital and Clinics

Kimberly Maerz, BSN, RN*, Flight Nurse and Nurse Clinician, Med Flight, University of Wisconsin Hospital and Clinics

Janean N. Marr BSN, RN*, Nurse Clinician, Emergency Department, University of Wisconsin Hospital and Clinics

Stuart M. McVicar, RRT, PF-C, CCEMT-P, Pediatric Transport Coordinator, University of Wisconsin Hospital and Clinics, Madison, WI

Barb Morrison, BSN, RN, Nurse Clinician, Emergency Department, University of Wisconsin Hospital and Clinics

Linda K. Pittz, BS, NREMT*, First Action Emergency Services, Dodgeville, WI; Conference Administrator

Joel Porter NREMTP, Ascension Columbia St. Mary's Hospital, Milwaukee, WI

Mark Ravis, BSN, RN-BC, Non-Violent Intervention Instructor, Psychiatric Nurse, University of Wisconsin Hospital and Clinics

Denise Reimer, EMT*, Critical Care Transport Communication Specialist, University of Wisconsin Hospital and Clinics

Anna Robb, BSN, RN, Infection Prevention RN and EMS Liaison, Stoughton Hospital, Stoughton, WI

Amanda D. Roudebush, CCLS, Child Life Specialist, Pre/Post Surgery-TAC, University of Wisconsin Hospital and Clinics

Dana Sechler, NREMT, Chief/EMS Director, Baraboo District Ambulance Service; Team member, Sauk and Columbia Wisconsin Region 11 Critical Incident Stress Management Team

Anna R. Sorenson, MD, Assistant Professor of Medicine, Pediatric Emergency Medicine, University of Wisconsin School of Medicine and Public Health

Michael Stephens*, NREMT, Fire Fighter, HazMat Technician, Clinical Safety Coordinator, UW Health

Tina Strandlie, BSN, CEN, ER RN Manager, Stoughton Hospital, Stoughton, WI

Andrea L. Williams, PhD, RN*, Emergency Education Program Specialist, University of Wisconsin Emergency Education Center; and Clinical Associate Professor, University of Wisconsin School of Nursing

Regina M. Yocum, MA, CCLS, Certified Child Life Specialist, Emergency Department, American Family Children's Hospital Child Life Services; Faculty, Edgewood College, Madison, WI

*Planning Committee

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