

2010

**COMBINED CLINICAL
CONFERENCE**

**TWENTY-FOURTH ANNUAL
COMBINED CLINICAL CONFERENCE
ON EMERGENCY CARE**



**August 10 - 13, 2010
Lake of the Ozarks
Tan-Tar-A Resort
Osage Beach, Missouri**

**Missouri College of Emergency Physicians
Missouri Emergency Nurses Association
Missouri Emergency Medical Services Association
Missouri Ambulance Association**



LAST TANGO AT TAN-TAR-A



**JOIN US FOR OUR LAST BLAST AT TAN-TAR-A!
NEXT YEAR IT'S OFF TO BRANSON WE GO!**

**VISIT WITH YOUR OLD FRIENDS ONE LAST TIME
AS WE REMINISCE AND SAY GOODBY TO TAN-TAR-A**

**WE EXPECT AN OVERFLOW CROWD FOR THIS CELEBRATION
SO BE SURE TO GET YOUR RESERVATION IN EARLY!**

24th Annual COMBINED CLINICAL CONFERENCE On EMERGENCY CARE

August 10-13, 2010

**Tan-Tar-A Resort at Lake of the Ozarks
Osage Beach, MO**

**This will be our last year at Tan-Tar-A, with a move to Branson, MO in 2011.
Please plan to join us for the last big blowout in Osage Beach
where we will have more exhibitors, more professional speakers,
higher attendance, and a schedule that will work for everyone!**

10th Annual MEMSA Charity Golf Tournament

More information to follow!

Sponsored by:

**Missouri College of Emergency Physicians
Missouri Emergency Nurses Association
Missouri Emergency Medical Services Association
Missouri Ambulance Association**

GENERAL INFORMATION

The Combined Clinical Conference on Emergency Care is a comprehensive program for those involved in emergency care. Sessions are designed for the Physician, Emergency Department Nurse, EMT, Paramedic, and Flight Personnel.

LEARNING OBJECTIVE: This conference provides the opportunity for the physician, nurse, paramedic, emergency medical technician and first responder to improve the emergency medical care they deliver.

LOCATION: All sessions of the conference will be held at Lake of the Ozarks-Tan-Tar-A, Osage Beach, MO. The resort is located two miles off Highway 54, on State Road KK, equidistant from St. Louis and Kansas City.

FEE SCHEDULE:	3 Days	2 Days	One Day
ACEP Member Physician	\$400.00	\$280.00	\$165.00
Non-ACEP Physician	\$440.00	\$310.00	\$180.00
Resident*	\$280.00	\$200.00	\$115.00
ENA Members	\$310.00	\$220.00	\$130.00
Non-ENA Nurses	\$330.00	\$235.00	\$135.00
MEMSA or MAA Members	\$290.00	\$200.00	\$110.00
Non-MEMSA or MAA EMT/EMT-P	\$310.00	\$220.00	\$130.00
Student Nurse/Paramedic Student*	\$240.00	\$170.00	\$90.00

(*Verification Required)

REGISTRATION: Advanced registration is highly recommended. **On-site registration will be made available as space permits.**

Attached is an application for enrollment which should be forwarded to the MEMSA, 425 E. High St., Jefferson City, Missouri 65101 or by FAX 573-761-9961. Registration materials will be available at the registration desk beginning at 5:00 p.m., August 10, 2010.

MEALS: Breakfasts, lunches and breaks will be provided during the Conference.

HOTEL ACCOMMODATIONS: Award winning Lake of the Ozarks- Tan-Tar-A is the hotel headquarters for the conference, which features 1000 rooms and suites, twelve restaurants, three lounges, five swimming pools, indoor and outdoor tennis and racquetball courts, two championship golf courses, health spa and exercise room, bowling lanes, children’s playground and child care, and full service marina to name a few. Tan-Tar-A Resort has secured our room block as Resort Complex room locations. In order to receive the location, you must reserve your room by July 26, 2010. For reservation requests after the cut-off date, rooms are on a space and rate available basis, and are "Run-of-the-House" (Estates or Resort Complex) and based upon availability at the time of the reservation and/or check-in. These rates are in effect 2 days prior to the conference through 2 days after the conclusion of the conference: Single, Double, Triple or Quad Occupancy - \$117.00. Reservations may be made by calling Lake of the Ozarks- Tan-Tar-A at 1-800-826-8272. Please refer to the Combined Clinical Conference to receive the special conference rate.

EXHIBITS: It is expected that over thirty scientific and industrial exhibits will be on display during the conference. Specific hours will be listed in the conference syllabus.

REFUNDS: Full refunds will be made if notice of cancellation is received at least two weeks prior to the opening date of the conference. Partial refunds will be made after this date.

ACCREDITATION: EMS CEU’s are provided by Central Jackson County Fire Protection District. A maximum of 15 CEUs is possible. This activity has been planned and implemented in accordance with the Essential Areas and Policies for the Accreditation Council of Continuing Medical Education through joint sponsorship of ACEP and Missouri Chapter of the American College of Emergency Physicians and the Combined Clinical Conference on Emergency Care. The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The American College of Emergency Physicians designates this educational activity for a maximum of 16.25.

Approved by the American College of Emergency Physicians for 16.25 hour (s) of ACEP Category I credit AMA PRA Category 1 Credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity.

FOR FURTHER INFORMATION: For further information, please contact Marcia Krech, 425 E. High St., Jefferson City, MO 65101, 888-410-1557, or visit the MEMSA website at www.memsa.org.

SCHEDULE AT A GLANCE

Tuesday, August 10, 2010

4:00 p.m. State Advisory Council
 5:00 p.m. Early Registration and Exhibits Open
 8:45 p.m. Registration Desk and Exhibits Close

Wednesday, August 11, 2010

7:00 a.m. Registration and Exhibits Open
 Continental Breakfast
 8:00 a.m. Welcome and Presenting of the Colors
 Opening Remarks - Representative Dr. Wayne Cooper
 Sponsored TCD & DNR Legislation
 8:15 a.m. Responding to the Devastating Aftermath of the Haiti
 Earthquake: Lessons Learned
 9:30 a.m. Refreshment Break and Exhibits Open
 10:00 a.m. Concurrent Sessions
 101 Parachutes, Zealots, and Paradigm Shifts
 102 Fairy Tale of Trauma
 103 A Day in the Life of a Trauma Surgeon
 104 Lethal Triad
 11:15 a.m. Lunch/Exhibits Open
 11:15 a.m. MOCEP General Membership Meeting
 12:45 p.m. Concurrent Sessions
 201 Special K - Ketamine in Trauma
 202 Shake, Rattle & Roll - An Experience From Haiti
 203 A Trip Back in Time: Oklahoma City Terrorist Bombing
 204 Code ICE
 2:00 p.m. Refreshment Break and Exhibit Viewing
 2:30 p.m. Concurrent Sessions
 301 How to Decrease ED Crowding by Improving ED
 Front-End Operations
 302 Stretcherside Chat
 303 Transfusion Confusion
 304 I Can't Eat Another Bite
 3:45 p.m. MOCEP Board Meeting
 3:55 p.m. MEMSA Membership Meeting & Awards Ceremony
 4:30 p.m. MEMSA Site Coordinator/Site Administrator Meeting
 6:00 p.m. MOCEP Reception

Thursday, August 12, 2009

7:30 a.m. Registration Opens, Continental Breakfast
 8:00 a.m. Announcements
 8:15 a.m. The Impact of Health Care Reform on Emergency Medicine
 9:30 a.m. Refreshment Break

9:45 a.m. Concurrent Sessions
 401 Pediatric Jeopardy
 402 Therapeutic Cooling
 403 The Stork, Cabbage Patch and Tiny Tots
 404 Stabilization & Transport of Polymorphic
 Trauma Patients

11:00 a.m. Lunch

12:15 p.m. Concurrent Sessions
 501 Lifelong Learning and Self Assessment - Part I
 502 Hypothermia, Acidosis & Coagulopathies
 503 Special Patients
 504 When Little Hearts Get into Big Trouble

1:30 p.m. Break

1:45 p.m. Concurrent Sessions
 601 Airway Lab
 602 Zapped: The Pathophysiology and Treatment
 of Electrical Burn
 603 A Lethal Mix - Children and Meth
 604 Wait, Wait, Don't Tell Me

3:30 p.m. ENA General Membership Meeting
 6:30 p.m. ENA Dinner Cruise and Awards Ceremony

Friday, August 13, 2009

7:30 a.m. Continental Breakfast
 8:00 a.m. Announcements
 8:15 a.m. A Funny Thing Happened on My Way
 Through the Jungle
 9:30 a.m. Refreshment Break
 9:45 a.m. Concurrent Sessions
 701 Lifelong Learning and Self Assessment - Part II
 702 What in the World?
 703 EMS Mystery Patients
 704 Potential for Improving the Safety of Care
 11:00 a.m. Refreshment Break
 11:15 a.m. Concurrent Sessions
 801 Marathonng: A Race to Death
 802 A Visit with Ethel
 803 Crush Injury to the Lower Extremity -
 The Nurse Becomes the Patient
 804 An Introduction to Just Culture
 12:30 p.m. Lunch and Closing Session - Challenging Your
 Clinical Boundaries

GUEST FACULTY

Chandra Aubin, MD, FACEP

Assistant Professor
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St. Louis, Missouri

Dawn G. Bidwell, EMT-P

Wheaton Ambulance
Wheaton Minnesota
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North Memorial EMS Education
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Scott Bjerke, MD

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Christopher Carpenter, MD

Assistant Professor
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**Mike Clumpner, BS, MBA,
NEMT-P, CCEMT-P, EMT-T, FP-C**

Firefighter II/Flight Paramedic
Spartanburg, South Carolina
Tactical Medicine Instructor
Drug Enforcement Administration
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Preeti Dalawari, MD

Assistant Professor
Directory of Emergency Medicine
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St. Louis, Missouri

**Jennifer Fletcher, RN, BSN,
CFRN, NREMT-B**

Director, Patient Care Services and
Staff Development
Air-Evac EMS, Inc.
West Plains, Missouri

Carol Hafley, CEN

Just Culture
MO Center for Just Culture
Jefferson City, Missouri

A.J. Heightman, MPA, EMT-P

Editor-in-Chief, *JEMS*
Editorial Director for all
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Vista, California

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Birmingham, Michigan

Craig E. Krausz, MD

Assistant Professor, Surgery
Truman Medical Center
University of Missouri-KC
Kansas City, Missouri

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Trauma Program Manager
Heartland Regional Medical Center
St. Joseph, Missouri

Julie McManemy, MD, MPH

Instructor, Pediatrics
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St. Louis, Missouri

**Becky Miller, MHA, CPHQ,
FACHE**

Executive Director
Missouri Center for Patient Safety
Jefferson City, Missouri

Mary Otting, RN, CEN

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Children's Memorial Hospital
Illinois ENA Pediatric
Committee Chair
Chicago, Illinois

**Ann Marie Papa, RN, CNE,
CEN, FAEN**

Director Emergency Services
Doylestown Hospital
Doylestown, Pennsylvania

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Assistant Professor
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Washington University
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Charles Sheppard, MD, FACEP

Medical Director
St. John's Life Line Air Medical
Springfield, Missouri

Sanford Sineff, MD

Assistant Professor of Emergency
Medicine
Washington University
St. Louis, Missouri

Jeff Solheim, RN, CEN, CFRN, FAEN

Founder & Facilitator
Project Helping Hands
Keizer, Oregon

Amy Stubbs, MD

Assistant Professor
Dept. of Emergency Medicine
Truman Hospital
University of Missouri - KC
Kansas City, Missouri

Daniel B. Thompson, RN

Combat Medic, U.S. Army
Army Reservist Nurse Corps Office
Director, Cardiovascular Services,
Overland Park RMC
Overland Park, Kansas

G. Mark Thorp, RN, TNS, EMT-P

Fire Chief
Commander, Missouri-1 Disaster
Medical Assistance Team
Clayton, Missouri

Jennifer L. Wiler M.D., M.B.A.

Assistant Clinical Professor,
Dept. of Emergency Medicine
University of Colorado
Denver, Colorado

PRE-CONFERENCE WORKSHOP

**Missouri Association of Air Medical Services
1ST Annual Combined Clinical Conference Pre-Conference**

***Education and Empowerment:
A Vision for Improved Air Medical Safety***

Speaker: Clinton Burley, Program Manager
HealthNet Air Medical Service, Huntington, W.V.
Safety Advocate in the Air Medical Industry
Featured Speaker at AMTC and Air Methods Safety Seminars

**August 10, 2010 - 0900 to 1200
Tan-Tar-A Resort - Osage Beach, MO**



**Free if pre-registered by August 2, 2010
\$25.00 after August 2, 2010 and at the door
CEUs will be offered.**

[Download registration form.](#)

Or go to: www.memsa.org

10th ANNUAL MEMSA CHARITY GOLF TOURNAMENT

**Bear Creek Valley Golf Club
Osage Beach, Missouri**

Tuesday, August 10, 2010

8:30 am Shotgun Start

\$75.00 per person

\$300.00 per team of four golfers

PROCEEDS WILL BENEFIT MEMSA SCHOLARSHIP FUND.

For Registration Materials, go to website: www.memsa.org

DETAILED SESSION DESCRIPTIONS

Tuesday, August 10, 2010

5:00 p.m. Early Registration and Exhibits Open

8:45 p.m. Registration Desk and Exhibits Close

Wednesday, August 11, 2010

Opening Session: 8:15 a.m. - 9:30 a.m.

Responding to the Devastating Aftermath of the Haiti Earthquake: Lessons Learned; Dr. Dan Purdom and Mark Thorp

Eleven days & some 54 aftershocks following the 7.0 earthquake that devastated parts of Haiti, the Missouri-1 Disaster Medical Assistance Team was deployed to assist with the aftermath. This presentation will provide a basic overview of the epidemiology of earthquakes, with emphasis on the anticipated effects of a significant earthquake along the New Madrid Fault. The experiences of members of MO-1 DMAT's medical team response to the 7.0 Earthquake in Haiti will be reviewed and lessons learned will be applied to possible disasters in our country.

Concurrent Sessions: 10:00 a.m. - 11:15 a.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
<p>101 Parachutes, Zealots, and Paradigm Shifts Chris Carpenter, MD</p> <p>Evidence Based Medicine is often misunderstood by busy clinicians. Although EBM is far from a panacea to cure all that is imperfect in medicine, the concepts and rationale infrastructure offered by this approach to clinical practice may offer one more tool to bridge the gap between published evidence and day-to-day decision-making.</p>	<p>102 Fairy Tale of Trauma Mary Otting</p> <p>An examination of child abuse cases told through fairy tales, Come and learn some of the newest identification techniques of child abuse that can be applied to your daily care.</p>	<p>103 A Day in the Life of a Trauma Surgeon Dr. Scott Bjerke</p> <p>Interesting cases, unique challenges. This session will review a trauma surgeon's experiences spanning 20 years.</p>	<p>104 Lethal Triad Daniel Thompson, RN</p> <p>This class will provide information on the Lethal Triad Concept and management of large bleeding traumatic injuries.</p>

Wednesday, August 11, 2010**Concurrent Sessions: 12:45 p.m. - 2:00 p.m.**

Physician	Nursing	Pre-Hospital	Pre-Hospital
201 Special K - Ketamine in Trauma Chuck Sheppard This talk covers the importance of treating pain, the "ideal" trauma drug, and how Ketamine offers many advantages in the trauma patient. Discussion of the myths surrounding Ketamine in head injuries and the use of Ketamine in adults.	202 Shake, Rattle and Roll-An Experience From Haiti Mary Otting Come and learn about a DMAT nurse's experience while serving in Haiti during the post-quake period. Interesting case studies of major trauma!	203 A Trip Back in Time: The Oklahoma City Terrorist Bombing Dr. Scott Bjerke The Federal Building in Oklahoma City was destroyed 15 years ago. This session looks back in time and applies lessons learned to modern-day challenges.	204 Code ICE Daniel B. Thompson, RN This class is to provide the participants with information on the Code ICE concept and therapeutic hypothermia, including prehospital care.

Concurrent Sessions: 2:30 p.m. - 3:45 p.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
301 How to Decrease ED Crowding by Improving ED Front-End Operations Jennifer Wiler This session will discuss proven solutions for improving patient flow and reducing patient wait times.	302 Stretcherside Chat Ann Marie Papa This talk will review the issues the ED nurse faces stretcherside, along with the importance of ED nurses in the lives of our patients. Will provide inspiration to enable ED nurses to recognize the value of their contributions.	303 Transfusion Confusion Jennifer Fletcher Seems like blood transfusions used to be a fairly straightforward thing. Patient is bleeding, they get blood--right? Not so cut and dried anymore! We will review the components involved in blood transfusion and the controversy surrounding pre-hospital administration of blood components.	304 I Can't Eat Another Bite Dawn Bidwell Assessing and treating the pre-teen anorexic/bulimic patient, including what complications you can encounter.

Thursday, August 12, 2010**General Session: 8:15 a.m. - 9:30 a.m.****The Impact of Health Care Reform on Emergency Medicine - Dr. Jennifer Wiler**

The cycle of Medicare physician payment cuts jeopardizes patients' access to care. Congress' continued delays only exacerbate the problem. Hear from Dr. Jennifer Wiler about how the cycle of cuts impacts patients.

Concurrent Sessions: 9:45 a.m. - 11:00 a.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
401 Pediatric Jeopardy Julie McManemy A potpourri of interesting pediatric cases ranging from common to concerning presented in Jeopardy formation. Participants should recognize child abuse fracture types, typical mimics of child sexual abuse. Will review common physical genital normal variants.	402 Therapeutic Cooling Ann Marie Papa This class will identify the implications for the use of therapeutic hypothermia and discuss the nursing care for patients undergoing therapeutic hypothermia.	403 The Stork, Cabbage Patch, and Tiny Tots Dawn Bidwell Third trimester complications, difficult deliveries, and neonatal resuscitation. This is great for First Responders, EMTs, and Paramedics. We will not cover normal deliveries in this class.	404 Stabilization & Transport of Polymorphic Trauma Patients Mike Clumpner Stabilization and treatment of the polymorphic trauma patient has changed considerably over the last 20 years, with many newer treatment modalities resulting from lessons learned during combat. This presentation will discuss current prehospital treatments.

Thursday, August 12, 2010

Concurrent Sessions: 12:15 p.m. - 1:30 p.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
<p>501 Lifelong Learning and Self-Assessment Articles, Part I Delawari & Heller</p> <p>Five years ago, emergency medicine became one of the first medical specialties to adopt a continuing certification process as part of the trend toward greater professional accountability. Articles will be discussed and certificates of completion will be provided.</p>	<p>502 Hypothermia, Acidosis & Coagulopathies Jeff Solheim</p> <p>This session will introduce listeners to how their actions in the early resuscitative phase can impact the development of systemic inflammatory response syndrome (SIRS) and multi-organ dysfunction syndrome (MODS) in the long term.</p>	<p>503 Special Patients-Special People Dawn Bidwell, EMT-P</p> <p>Appropriately meeting the needs of the mentally or physically challenged patient at emergency scenes.</p>	<p>504 When Little Hearts Get into Big Trouble Mike Clumpner</p> <p>This session explores the dynamics of some of the more prevalent congenital heart defects in newborns, including; tetralogy of fallot, patent ductus arterious, patent foramen ovale, single ventricle, transposition of the great vessels, and ventricular septal defect.</p>

Concurrent Sessions: 1:45 p.m. - 3:00 p.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
<p>601 Airway Lab Aubin & Sampson & Sineff</p> <p>Evaluation and assessment of difficult airways. Alternative and adjunct devices will be discussed.</p>	<p>602 Zapped: The Pathophysiology and Treatment of Electrical Burns Jeff Solheim</p> <p>Although rare, care of the patient with electrical burns can be challenging for the entire health system. This session will review the mechanism of injury caused by electrical energy and how electricity affects various body systems.</p>	<p>603 A Lethal Mix - Children and Meth Dawn Bidwell</p> <p>A look at how children are affected mentally, physically, and emotionally by meth: children born to meth-addicted mothers, children torn from their families, children being brought up in meth-cooking environments.</p>	<p>604 Wait, Wait, Don't Tell Me Mike Clumpner</p> <p>Loosely based on the National Public Radio show, this session will teach and discuss numerous fun and interesting facts regarding pre-hospital and critical care medical treatment.</p>

Friday, August 13, 2010

General Session: 8:15 a.m. - 9:30 a.m.

A Funny Thing Happened on My Way Through the Jungle, Jeff Solheim, RN A pictorial and video journey to the far reaches of the globe. Participants will hear incredible tales of survival from the Amazon jungle to war-torn African countries as well as witness medical procedures performed under the harshest of conditions, with life lessons woven into the presentation that will help participants find a renewed passion for patient care and a fresh look at the incredible gift of life we all have.

Concurrent Sessions: 9:45 a.m. - 11:00 a.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
<p>701 Lifelong Learning and Self Assessment Articles, Part II. Bogle and Stubbs</p> <p>A brief review of the key components of each article with the audience. Similar questions to the ABEM articles will be given at the end of the presentation that will help the participant when he/she takes the exam.</p>	<p>702 What in the World-The Rare and Unusual in Pediatric Case Studies Mary Otting</p> <p>Come and explore the "unusual" cases that have been seen by a veteran pediatric ER nurse from all over the country and see if you can figure out the cause and potential diagnosis.</p>	<p>703 EMS Mystery Patients - Unique EMS Cases That Will Challenge Your Mind A.J. Heightman</p> <p>Every EMS provider has encounter patients with mysterious vital signs or mechanisms of injury. These patients challenge your knowledge and skills as you attempt to determine their illness or extent of injury. Your second challenge is to put together a successful treatment plan to manage their problems and transport them to the appropriate facility.</p>	<p>704 Patient Safety Organizations - Potential to Improve the Safety of Care Becky Miller</p> <p>PSOs are actively working with health care providers to improve the safety of medical care. Learn how the PSO federal law has set the stage, and is being used in Missouri, to allow health care providers to collect, analyze, share and learn about medical errors within a legally protected environment, aimed at preventing medical errors and improving the quality of care.</p>

Friday, August 13, 2010

Concurrent Sessions: 11:15 a.m. - 12:30 p.m.

Physician	Nursing	Pre-Hospital	Pre-Hospital
<p>801 Marathonng: A Race to the Death Dr. Craig Krausz As the popularity of running has increased, so has the risk. Running marathons and even shorter distances place a large strain on the human body. I will explore the specific risks of sudden cardiac death. Acute myocardial infarction, hyponatremia, hypernatremia, and hyperthermia in a road race., along with recommendations for prevention, screening and preparation for adverse outcomes.</p>	<p>802 A Visit with Ethel Dawn Bidwell Our anatomy and physiology changes as we age. This makes assessing the geriatric patient difficult. Ethel Schlotzky, a humorous 86 year tired, retired nurse will discuss these changes, living wills, hospice care and DNRs.</p>	<p>803 Crush Injury to the Lower Extremity - The Nurse Becomes the Patient David McKnight David will discuss his case of a crushed tib/fib from the view of a health care provider as well as the from the patient perspective. Additional discussion will include compartment syndrome, stages of bone healing, and long term effects of injuries.</p>	<p>804 An Introduction to Just Culture Carol Hafley A broad overview of the concepts of Just Culture and how to create a safety-supportive culture that balances the need for an open reporting environment, yet appropriately holds employees accountable for their contribution to organizational success.</p>

Closing Session: 12:30 p.m. - Challenging Your Clinical Boundaries, A. J. Heightman, Editor-in-Chief, JEMS The delivery of out-of-hospital emergency medical care is constantly evolving; with EMS personnel continually being called on to deliver more advanced care. But what are out weak spots and where is the delivery of prehospital care headed in the future? Join AJ Heightman as he looks in his clinical crystal ball and presents his vision of our future.

The Conference Planning Committee reserves the right to substitute speakers or cancel this Conference as is necessary.

CONFERENCE PLANNING COMMITTEE

Pat Clutter, RN
 Independent Consultant/Educator
 Strafford, Missouri

Robert Patterson, EMT-P
 Saint John’s Health Center
 Springfield, Missouri

Elsa Tuttle
 Central Jackson County Fire
 Protection District
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