

# 2019 Trauma Symposium

The 2019 Trauma Symposium will provide practitioners with clinically relevant information and educational resources for evidence-based practice. The literature review and varied sessions will enhance knowledge, skills and performance in the assessment and treatment of trauma patients.

**Friday, June 14, 2019**



## Hilton Omaha

1001 Cass St.  
Omaha, NE 68102

**6.75 CE hours**

*Register at excellence.  
[creighton.edu/2019Trauma](http://creighton.edu/2019Trauma)*

## COST

- \$125** Physicians, nurse practitioners, physician assistants, pharmacists
- \$85** Nurses, public health professionals, other interested health care providers
- \$75** EMS personnel
- \$65** Fellows, residents and full-time students  
*(Verification of full-time student status may be requested either by phone or email from appropriate authority.)*
- \$55** Remote video conference

JOINTLY PROVIDED BY:

Creighton  
UNIVERSITY

School of Medicine  
Department of Surgery

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## REMOTE VIDEO CONFERENCE

The 2019 Trauma Symposium will be available via remote video conferencing for those areas located 100 miles outside the city of Omaha, Nebraska. This web-based conferencing system can be viewed on most electronic devices individually or as a group. Each video conferencing participant will be assessed a registration fee. This fee applies to each video conferencing participant regardless of the number of attendees at each site and the profession of each participant.

## OBJECTIVES

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### Session I

- List three techniques to promote resilience as a surgeon
- Describe practice characteristics that relate volume and income
- Discuss tools to improve work-life balance

### Session II

- Describe the surgical evolution and management of colon injuries from mandatory colostomy to primary repair
- Review complications for these very difficult injuries
- Summarize outcomes and results of large studies dealing with these injuries
- Discuss the evolution and progress made in the use of angiography and angioembolization to manage solid organ injuries in trauma patients
- Review indications for the utilization of this adjunct technique in trauma patients
- Examine the indications and need to balance the use of this adjunct technique versus the need of surgical intervention in trauma patients
- Examine new perspectives and the genesis of the Vietnam War; our most painful war
- Review the wounding agents, Vietnam geography and the need for rapid air evacuation systems for combat casualties during this conflict
- Review advances made in the management of vascular injuries during this conflict
- Analyze the outcomes of vascular injuries during the Vietnam War and the role and importance of the Vietnam Vascular Registry—past, present and future

### Session III

- Review advances made during the Iraq and Afghanistan Conflicts in the field of blood replacement therapy
- Review the genesis and outcomes for this newer methodology including blood and blood component replacement ratios and their applicability to both military and civilian trauma populations
- Identify the rationale for the use of whole blood for both the military and civilian populations and the improved outcomes related to its use
- Analyze the difference in the physiology of the elderly population including their frailty and lack of physiologic reserves

- Detect the challenges posed in the preoperative, operative and postoperative periods by the elderly patient
- Review the operative and critical care management unique to the elderly population
- Review the indications for the utilization of ECMO in the critically ill and injured trauma patients
- Review the technical aspects of initiating management and weaning from ECMO in the critically ill and injured trauma patients
- Discuss and review the outcomes of ECMO in trauma patients

### Session IV

- Describe the impact of marijuana legalization as it applies to trauma care in the state of Colorado
- Review the potential and real increases in traumatic injuries due to the legalization of marijuana in the state of Colorado
- Explain the biochemical effects of marijuana on the developing brain
- Appraise the diversity of the concept of emergency and trauma care across geographic settings
- Illustrate the importance of the educational program to the development emergency and trauma care
- Demonstrate the importance of interdisciplinary and interprofessional collaboration when developing education for health professionals and health professions students

### Session V

- Identify the origin of helicopter evacuations
- Demonstrate an understanding of why and where helicopter EMS began
- Recognize how helicopter EMS has increased survival of the trauma patient
- Examine current treatment modalities available with rapid transport by airborne EMS
- Discuss the availability of cutting-edge medicine being utilized by airborne EMS
- Review the current and future trends in air medical transport
- Discuss development and incorporation of new technologies to air medical transport
- Describe upcoming capabilities and initiatives to increase safety and overall mission success
- Understand the importance of continued integration of air medical transportation needs with aviation

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## SCHEDULE

- 7 a.m.** Registration, Continental Breakfast and Visit Exhibits
- 7:15 a.m.** Welcome and Introduction of Keynote Speaker  
Juan A. Asensio, MD, FACS, FCCM, FRCS (England), KM

### Session I: Keynote

Moderator: Juan A. Asensio, MD, FACS, FCCM, FRCS (England), KM

- 7:30 a.m.** *Lessons Learned on the Way to the Operating Room*  
J. Wayne Meredith, MD, FACS, MCCM
- 8:15 a.m.** Session I Q&A

### Session II

Moderator: David L. Cornell, MD, FACS

- 8:30 a.m.** *Intraperitoneal Colon Injuries: The Past, the Present and the Future*  
Richard P. Gonzalez, MD, FACS
- 8:50 a.m.** *Angioembolization in Trauma: Have We Gone Too Far?*  
David A. Spain, MD, FACS
- 9:10 a.m.** *Vietnam War—Our Most Painful War: Its Contributions to Vascular Injury Management*  
Juan A. Asensio, MD, FACS, FCCM, FRCS (England), KM
- 9:30 a.m.** Session II Q&A
- 10 a.m.** Break and Visit Exhibits

### Session III

Moderator: Carlos A. Fernandez, MD, FACS

- 10:15 a.m.** *Whole Blood 1:1:1 Ratios and Everything Else: The Philosophy Change After the Iraq and Afghanistan Conflicts*  
John B. Holcomb, MD, FACS
- 10:35 a.m.** *Trauma and Emergency General Surgery in the Elderly: Challenges in their Management and Important Perspectives in Care*  
Orlando C. Kirton, MD, FACS, MCCM, FCCP, MBA
- 10:55 a.m.** *Rescue ECMO: An Evolving Therapy and the Role for Trauma Surgeons*  
Michael S. Firstenberg, MD, FACC, FAIM
- 11:15 a.m.** Session III Q&A
- 11:45 a.m.** Lunch and Visit Exhibits

### Session IV

Moderator: Katie Pierce, BSN, RN, CEN, CPEN

- 12:45 p.m.** *Colorado's Hot Mess: How Legalization of Marijuana Changed Trauma Care*  
Stephanie Haley-Andrews, BSN-RN
- 1:15 p.m.** *Blessed: Global Perspectives on Emergency and Trauma Care*  
Danielle Dohrmann, PhD, MSN, RN
- 1:45 p.m.** Session IV Q&A
- 2 p.m.** Break and Visit Exhibits

### Session V

Moderator: L. Scott Brown, RN-CEN, TNCCI

- 2:15 p.m.** *40 Years: The History of the Helicopter EMS*  
Gary Wood, FP-C, FSR
- 2:35 p.m.** *Current Trends in Air Medical Transport*  
Jeremy Moore, CFRN
- 2:55 p.m.** *The Future of Air Medical Transport*  
Jon Luther, Lead Pilot
- 3:15 p.m.** Session V Q&A
- 3:30 p.m.** Evaluation and Adjournment

## ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by Creighton University Health Sciences Continuing Education, CHI Health and LifeNet Air Medical Services. Creighton University Health Sciences Continuing Education (HSCE) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE) and the American Nurses Credentialing Center (ANCC) to provide continuing education for the health care team.



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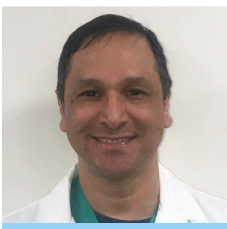
### COURSE DIRECTORS



**Juan A. Asensio, MD, FACS, FCCM, FRCS (England), KM**  
*Professor, Department of Clinical and Translational Science*  
*Professor and Vice-Chairman, Department of Surgery*  
*Chief, Division of Trauma Surgery and Surgical Critical Care*  
*Director, Trauma Center and Trauma Program*  
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### PLANNING COMMITTEE

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#### Questions? Contact:

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#### Designed for:

Trauma surgeons, general surgeons, emergency medicine physicians, physicians providing trauma and critical care, nurse practitioners, physician assistants, pharmacists, nurses, EMS personnel, fellows, residents, students, public health professionals and other interested health care providers