



# Eastern Association for the Surgery of Trauma

Advancing Science, Fostering Relationships, and Building Careers

## 30<sup>th</sup> Annual Scientific Assembly

**Scientific Papers That Should Have Changed Your Practice**

**Plenary Session**

**Reference List**

**January 13, 2017**

**The Diplomat Beach Resort**

**Hollywood, Florida**

**Adult Trauma Management**  
**David J. Skarupa, MD - @djskarupa**  
**University of Florida College of Medicine - Jacksonville**

1. Defining the cervical spine clearance algorithm: A single-institution prospective study of more than 9,000 patients.  
Duane TM, Young AJ, Vanguri P, Wolfe LG, Katzen J, Han J, Mayglothling J, Whelan JF, Aboutanos MB, Ivatury RR, Malhotra AK.  
J Trauma Acute Care Surg. 2016 Sep;81(3):541-7. doi: 10.1097/TA.0000000000001151.  
PMID: 27270856
2. Timing of Pharmacologic Venous Thromboembolism Prophylaxis in Severe Traumatic Brain Injury: A Propensity-Matched Cohort Study.  
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3. Trauma patients on new oral anticoagulation agents have lower mortality than those on warfarin.  
Maung AA1, Bhattacharya B, Schuster KM, Davis KA.  
J Trauma Acute Care Surg. 2016 Oct;81(4):652-7. doi: 10.1097/TA.0000000000001189.  
PMID: 27438683
4. Improving mortality in trauma laparotomy through the evolution of damage control resuscitation: Analysis of 1,030 consecutive trauma laparotomies.  
Joseph B1, Azim A, Zangbar B, Bauman ZM, O'Keeffe T, Ibraheem K, Kulvatunyou N, Tang A, Latifi R, Rhee P.  
J Trauma Acute Care Surg. 2016 Oct 31. [Epub ahead of print]  
PMID: 27805990
5. The diagnostic yield of commonly used investigations in pelvic gunshot wounds.  
Schellenberg M1, Inaba K, Priestley EM, Durso J, Wong MD, Lam L, Benjamin E, Demetriades D.  
J Trauma Acute Care Surg. 2016 Oct;81(4):692-8. doi: 10.1097/TA.0000000000001159.  
PMID: 27389127
6. Management of adult pancreatic injuries: A practice management guideline from the Eastern Association for the Surgery of Trauma.  
Ho VP1, Patel NJ, Bokhari F, Madbak FG, Hambley JE, Yon JR, Robinson BR, Nagy K, Armen SB, Kingsley S, Gupta S, Starr FL, Moore HR 3rd, Oliphant UJ, Haut ER, Como JJ.  
J Trauma Acute Care Surg. 2017 Jan;82(1):185-199. doi: 10.1097/TA.0000000000001300.  
PMID: 27787438

**Emergency General Surgery**  
**Amy Makley, MD**  
**University of Cincinnati Medical Center**

1. Comparative analysis of biologic versus synthetic mesh outcomes in contaminated hernia repairs.  
Majumder A, Winder JS, Wen Y, Pauli EM, Belyansky I, Novitsky YW.  
Surgery. 2016 Oct;160(4):828-38.  
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2. Surgery or stenting for colonic obstruction: A practice management guideline from the Eastern Association for the Surgery of Trauma.  
Ferrada P, Patel MB, Poylin V, Bruns BR, Leichtle SW, Wydo S, Sultan S, Haut ER, Robinson B.  
J Trauma Acute Care Surg. 2016 Apr;80(4):659-64.  
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3. Outcomes of Percutaneous Cholecystostomy for Acute Cholecystitis.  
Pang KW, Tan CH, Loh S, Chang KY, Iyer SG, Madhavan K, Kow WC.  
World J Surg. 2016 Nov;40(11):2735-2744.  
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4. Laparoscopic lavage is superior to colon resection for perforated purulent diverticulitis-a meta-analysis.  
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Int J Colorectal Dis. 2016 Aug 27. [Epub ahead of print].  
PMID: 27567926
5. Acute care surgery and emergency general surgery: Addition by subtraction.  
Bruns BR, Tesoriero RB, Narayan M, O'Meara L, Lauerman MH, Eaton B, Herrera AV, Scalea TM, Diaz JJ.  
J Trauma Acute Care Surg. 2016 Jul;81(1):131-6.  
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6. The Role of Radio Frequency Detection System Embedded Surgical Sponges in Preventing Retained Surgical Sponges: A Prospective Evaluation in Patients Undergoing Emergency Surgery.  
Inaba K, Okoye O, Aksoy H, Skiada D, Ault G, Sener S, Lam L, Benjamin E, Demetriades D.  
Ann Surg. 2016 Oct;264(4):599-604.  
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7. The American Association for the Surgery of Trauma grading scale for 16 emergency general surgery conditions: Disease-specific criteria characterizing anatomic severity grading.  
Tominaga GT, Staudenmayer KL, Shafi S, Schuster KM, Savage SA, Ross S, Muskat P, Mowery NT, Miller P, Inaba K, Cohen MJ, Ciesla D, Brown CV, Agarwal S, Aboutanos MB, Utter GH, Crandall M; American Association for the Surgery of Trauma Committee on Patient Assessment.  
J Trauma Acute Care Surg. 2016 Sep;81(3):593-602.  
PMID: 27257696

**Pediatric Trauma Management**  
**James (Trey) W. Eubanks, III, MD**  
**Le Bonheur Children's Hospital/UTHSC**

1. Limiting chest computed tomography in the evaluation of pediatric thoracic trauma.  
Golden J, Isani M, Bowling J, Zagory J, Goodhue CJ, Burke RV, Upperman JS, Gayer CP.  
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2. Should Children with Suspected Nonaccidental Injury Be Admitted to a Surgical Service?  
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3. Hepatic and splenic blush on computed tomography in children following blunt abdominal trauma: Is intervention necessary?  
Ingram MC, Siddharthan RV, Morris AD, Hill SJ, Travers CD, McCracken CE, Heiss KF, Raval MV, Santore MT.  
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PMID: 27257698 [Unknown status]  
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4. Pediatric emergency department thoracotomy: A 40-year review.  
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PMID: 26597392 [PubMed - indexed for MEDLINE]  
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5. Mortality after emergency department thoracotomy for pediatric blunt trauma: Analysis of the National Trauma Data Bank 2007-2012.  
Flynn-O'Brien KT, Stewart BT, Fallat ME, Maier RV, Arbabi S, Rivara FP, McIntyre LK.  
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PMID: 26577911 [PubMed - indexed for MEDLINE]  
[Similar articles](#)

**Surgical Critical Care**  
**Sheryl Sahr, MD, MS**  
**Iowa Methodist Medical Center**

1. Effect of early vs delayed initiation of renal replacement therapy on mortality in critically ill patients with acute kidney injury (ELAIN)  
Zarbock, A., et al. JAMA 315(20):2190-2199  
PMID 27209269
2. Initiation strategies for renal-replacement therapy in the intensive care unit (AKIKI study group)  
Gaudry, S., et al. NEJM 375(2):122-133  
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3. Early, goal-directed mobilization in the surgical intensive care unit: a randomized controlled trial  
Schaller, SJ, et al. Lancet 388(10052):1377-1388  
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4. Trajectories and prognosis of older patients who have prolonged mechanical ventilation after high-risk surgery  
Nabozny, MJ, et al. Critical Care Medicine 44(6):1091-1097  
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5. The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3).  
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Seymour CW, Liu VX, Iwashyna TJ, Brunkhorst FM, Rea TD, Scherag A, Rubenfeld G, Kahn JM, Shankar-Hari M, Singer M, Deutschman CS, Escobar GJ, Angus DC.  
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7. Developing a New Definition and Assessing New Clinical Criteria for Septic Shock: For the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3).  
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8. The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation.  
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