



Eastern Association for the Surgery of Trauma
Advancing Science, Fostering Relationships, and Building Careers

**Scientific Papers That Should Have Changed Your Practice
Presented at the 32nd EAST Annual Scientific Assembly
January 17, 2019
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Emergency General Surgery – Nathan Mowery, MD, FACS

1. Ingraham AM et al. Adherence to 20 Emergency General Surgery Best Practices. *Ann Surg.* Nov 11 2010;363(20):1963-1965.
2. Frazee, Manning A, Abernathy S. Open vs Closed Negative Pressure Wound Therapy for Contaminated and Dirty Surgical Wounds: A Prospective Randomized Comparison. *J Am Coll Surg.* Vol. 226, No. 4, April 2018
3. Morris RS, Ruck JM, Conca-Cheng et al. Shared Decision-Making in Acute Surgical Illness: The Surgeon's Perspective. *J Am Coll Surg.* Vol. 226, No. 5, May 2018
4. Emergency General Surgery Study Group. Acute Care Surgery Model and Outcomes in Emergency General Surgery. *J Am Coll Surg.* Vol. 228, No. 1, January 2019
5. Bertsimas DB, ; Dunn J, Velmahos GC, Kaafarani, Haytham MA.. Surgical Risk Is Not Linear: Derivation and Validation of a Novel, User-friendly, and Machine-learning-based Predictive Optimal Trees in Emergency Surgery Risk (POTTER) Calculator. *Annals of Surgery:* October 2018 - Volume 268 - Issue 4 - p 574–583

Surgical Critical Care - Gerard A. Baltazar DO FACOS

1. "ECMO for Severe ARDS." [N Engl J Med.](#) 2018 May 24;378(21):1965-1975. doi: 10.1056/NEJMoa1800385.
2. "Adjunctive Glucocorticoid Therapy in Patients with Septic Shock." [N Engl J Med.](#) 2018 Mar 1;378(9):797-808. doi: 10.1056/NEJMoa1705835. Epub 2018 Jan 19.
3. "Balanced Crystalloids vs Saline in Critically Ill Adults." [N Engl J Med.](#) 2018 Mar 1;378(9):829-839. doi: 10.1056/NEJMoa1711584. Epub 2018 Feb 27.
4. "Effect of Haloperidol on Survival Among Critically Ill Adults with a High Risk of Delirium: The REDUCE Randomized Clinical Trial" [JAMA.](#) 2018 Feb 20;319(7):680-690. doi: 10.1001/jama.2018.0160.

Trauma – Vanessa Ho, MD, MPH, FACS

1. Prehospital Plasma during Air Medical Transport in Trauma Patients at Risk of Hemorrhagic Shock (<https://www.ncbi.nlm.nih.gov/pubmed/30044935>)
2. Beta blockers in critically ill patients with traumatic brain injury: Results from a multicenter, prospective, observational American Association for the Surgery of Trauma study. (<https://www.ncbi.nlm.nih.gov/pubmed/29251711>)
3. A multicenter evaluation of the optimal timing of surgical stabilization of rib fractures. <https://www.ncbi.nlm.nih.gov/pubmed/29077677>
4. Use of Resuscitative Endovascular Balloon Occlusion of the Aorta for Proximal Aortic Control in Patients With Severe Hemorrhage and Arrest. <https://www.ncbi.nlm.nih.gov/pubmed/28973104>