



Volume 228
Number 2
February 2019

Original Scientific Articles

141 Effect of Pre-Hospital Use of the Assessment of Blood Consumption Score and Pre-Thawed Fresh Frozen Plasma on Resuscitation and Trauma Mortality

Alicia A Heelan Gladden, MD, MS, Erik D Peltz, DO, FACS, Robert C McIntyre Jr, MD, FACS, Stephanie Vega, MBA, BSN, RN, Regina Krell, BSN, RN, Catherine Velopulos, MD, MHS, FACS, Lisa Ferrigno, MD, MPH, FACS, Franklin L Wright, MD

Process improvement directed at implementing Trauma Quality Improvement Program best practices, including early recognition of the hemorrhaging patient with immediate product availability and delivery to the bedside, allows for significant trauma mortality reduction without increased resource use.

148 Young and Aged Blunt Trauma Patients Display Major Differences in Circulating Inflammatory Mediator Profiles after Severe Injury

CME

Ashley J Lamparello, MD, Rami A Namas, MD, Othman Abdul-Malak, MD, Yoram Vodovotz, PhD, Timothy R Billiar, MD, FACS

Differences in the early inflammatory networks between young and aged blunt trauma patients are not simply a suppression of pro-inflammatory responses in the aged, but are characterized by a major shift in the mediator profile patterns with high levels of C-X-C chemokines in the aged.

161 Outcomes after Pancreatectomy with Routine Pasireotide Use

CME

John W Kunstman, MD, Debra A Goldman, MS, Mithat Gönen, PhD, Vinod P Balachandran, MD, FACS, Michael I D'Angelica, MD, FACS, T Peter Kingham, MD, FACS, William R Jarnagin, MD, FACS, Peter J Allen, MD, FACS

Pasireotide has been shown to decrease leak-related morbidity after pancreatectomy in a randomized trial, but subsequent case series have not fully duplicated this benefit elsewhere. This study of 652 patients undergoing pancreatectomy with routine pasireotide use observed a durable long-term decrease in pancreatic leak and abscess formation.

171 Association of Bariatric Surgery and National Medication Use

John M Morton, MD, MPH, FACS, Jaime Ponce, MD, FACS, Elisabetta Malangone-Monaco, MS, Ninh Nguyen, MD, FACS

Total pharmacy use and costs showed a significant and sustained reduction during a 4-year follow-up period among patients undergoing bariatric operations in comparison with a propensity-matched control group.

180 Confusion Instead of Clarity: Publicly Reported Cardiac Surgery Ratings for Coronary Artery Bypass Grafting and Aortic Valve Replacement

Anjali C Raghuram, BA, Tejasvi K Dasari, BA, Brendan Chou, BS, Sujana Balla, MBBS, Sergio M Navarro, BS, Rohan M Shah, MPH, Ankur Bakshi, MD, Matthew J Wall, MD, FACS, Todd K Rosengart, MD, FACS, Ravi K Ghanta, MD, FACS

Publicly reported cardiac surgery ratings, though intended to inform patient selection of hospitals, demonstrate significant discrepancy among risk-adjusted, non-risk-adjusted, and popular media rating systems. There is poor consistency among systems, contributing confusion rather than clarity to the patient's hospital search.

188 Optimization of Second Window Indocyanine Green for Intraoperative Near-Infrared Imaging of Thoracic Malignancy

Andrew D Newton, MD, Jarrod D Predina, MD, Christopher J Corbett, BA, Lydia G Frenzel-Sulyok, BA, Leilei Xia, MD, E James Petersson, PhD, Andrew Tsourkas, PhD, Shuming Nie, PhD, Edward J Delikatny, PhD, Sunil Singhal, MD, FACS

This study demonstrates that the optimal indocyanine green (ICG) dose for intraoperative near-infrared (NIR) imaging of thoracic malignancy is histology dependent. High dose ICG (4 to 5 mg/kg) is superior for NIR imaging of non-small cell lung cancer; lower dose ICG (1 to 3 mg/kg) is superior for NIR imaging of other thoracic malignancies.

Special Article**198 Recommendations from the American College of Surgeons Committee on Trauma's Firearm Strategy Team (FAST) Workgroup: Chicago Consensus I**

Cynthia L Talley, MD, FACS, Brendan T Campbell, MD, FACS, Donald H Jenkins, MD, FACS, Stephen L Barnes, MD, FACS, Richard A Sidwell, MD, FACS, Gary Timmerman, MD, FACS, Ronald I Gross, MD, FACS, Michael Coburn, MD, FACS, Jeffrey A Bailey, MD, FACS, Alexander Eastman, MD, FACS, James Ficke, MD, FACS, Eric Kuncir, MD, FACS, Robert W Letton, MD, FACS, Brian J Eastridge, MD, FACS, Amy E Liepert, MD, FACS, Alison Wilson, MD, FACS, Danny Robinette, MD, FACS, James W Davis, MD, FACS, Christian Shalgian, BA, Holly Michaels, MPH, Mark C Weissler, MD, FACS, Deborah A Kuhls, MD, FACS, Eileen M Bulger, MD, FACS, Ronald M Stewart, MD, FACS

Letters**207 Association of periOperative Registered Nurses Clarifies Position on Surgical Attire**

Lisa Spruce, DNP, RN, CNS-CP, CNOR, ACNS, ACNP, FAAN

208 Operating Room Attire Policy: The Untoward Effects of Favoring Action over Evidence: In reply to Spruce

Adham Elmously, MD, Alfons Pomp, MD, FACS, Fabrizio Michelassi, MD, FACS

- 209** **Operating Room Attire**
Michael Cotton, MA (Oxon), FRCS(Eng), FACS, FCS(ECSA), FMH (Switz)
- 210** **What Constitutes Ideal Perioperative Glycemic Control for Preventing Acute Postoperative Hyperglycemia in Surgical Patients with Nonalcoholic Fatty Liver Disease?**
Kazuhiro Hanazaki, MD, PhD, Hiroyuki Kitagawa, MD, PhD, Tsutomu Namikawa, MD, PhD
- 211** **What Is the Value of Preoperative Esophageal Manometry in Patients with Giant Paraesophageal Hernia?**
Stefano Siboni, MD, Marco Sozzi, MD, Luigi Bonavina, MD, FACS
- 212** **Use of High Resolution Manometry: In reply to Siboni and colleagues**
Donald E Low, MD, FACS, FRCS(C), Andrea Wirsching, MD, MSc

Continuing Medical Education Program

- 213** Young and aged blunt trauma patients display major differences in circulating inflammatory mediator profiles after severe injury. Lamparello AJ, Ramas RA, Abdul-Malak O, et al

Additional Articles for February 2019 Online at <http://jacscme.facs.org>

Outcomes after pancreatectomy with routine pasireotide usage. Kunstman JW, Goldman DA, Gönen M, et al.

Earn 4.0 AMA PRA Category 1 Credits™ for completing each month's CME-1 Online Program. Visit jacscme.facs.org.

Classifieds

Author and Subject Indices for past volumes can be found on www.journalacs.org.

Author Instructions can be found on www.journalacs.org.