



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

EAST 25<sup>th</sup> Annual Scientific Assembly Plenary Session – January 12, 2012

Moderator – Dr. Nicole Stassen

### **Emergency General Surgery – Dr. Andrew Peitzman**

1. Neal MD, Alverdy JC, Hall DE, et al. **Diverting loop ileostomy and colonic lavage: an alternative to total abdominal colectomy for the treatment of severe, complicated C. difficile associated disease.** Ann Surg 2011; 254: 423-429.
2. Culbertson EJ, Xing L, Wen Y, et al. **Loss of mechanical strain impairs abdominal wall fibroblast proliferation, orientation and collagen contraction function.** Surgery 2011; 150: 410-417.
3. Duttaroy DD, Jitendra J, Duttaroy B, et al. **Management strategy for dirty abdominal incisions: primary or delayed primary closure? A randomized trial.** Surg Infections 2009; 10: 129-136.
4. Afshar S, Kurer MA. *Laparoscopic peritoneal lavage for perforated sigmoid diverticulitis.* Colorectal Disease, accepted for publication, on-line only.
5. Masoomi H, Buchberg BS, Magno C, et al. **Trends in diverticulitis management in the United States from 2002-2007.** Arch Surg 2011; 146: 400-406.
6. Fozard JBJ, Armitage NC, Schofield JB, et al. **ACPGBI Position statement on elective resection for diverticulitis.** Colorectal disease 2011; 13: 1-11.
7. Siddiqui MRS, Sajid MS, Qureshi S, et al. **Elective laparoscopic sigmoid resection for diverticular disease has fewer complications than conventional surgery: a meta-analysis.** Am J Surg 2010; 200: 144-161.
8. Gray SH, Vick CC, Graham LA, et al. **Risk of complications from enterotomy or unplanned resection during elective hernia repair.** Arch Surg 2008; 143: 582-586.
9. Banz V, Gsponer T, Candinas D, et al. **Population-based analysis of 4113 patients with acute cholecystitis.** Ann Surg 2011; 254: 964-970.
10. Riall TS, Zhang D, Townsend CM Jr, et al. **Failure to perform cholecystectomy for acute cholecystitis in elderly patients is associated with increased morbidity, mortality and cost.** J Am Coll Surg 2010; 210: 668-679.

### **Trauma – Dr. Michael Pasquale**

1. Duchesne JC, McSwain NE, Cotton BA et al. **Damage Control Resuscitation: The New Face of Damage Control.** JTrauma, 2010;69(4);976.
  - a. Cotton BA, Reddy N, Hatch Q et al. **Damage Control Resuscitation is Associated with a Reduction in Resuscitation Volumes and Improvement in Survival in 390 Damage Control Laparotomy Patients.** Ann Surg, 2011;254(4);598.
  - b. Dente CJ, Shaz BH, Nicholas JM et al. **Improvements in Early Mortality and Coagulopathy are Sustained Better in Patients with Blunt Trauma After Institution of a Massive Transfusion Protocol in a Civilian Level 1 Trauma Center.** JTrauma, 2009;66(6);1616.
2. Biffl WL, Cothren CC, Moore EE et al. **Western Trauma Association Critical Decisions in Trauma: Screening for and Treatment of Blunt Cerebrovascular Injuries.** JTrauma, 2009;67(6); 1150.

## Trauma – Dr. Michael Pasquale (cont'd)

3. Huber-Wagner S, Lefering R, Quick LM et al. **Effect of whole-body CT during trauma resuscitation on survival: a retrospective, multicentre study.** Lancet, 2009;373:1455.
  - a. Tillou A, Gupta M, Baraff LJ et al. **Is the Use of Pan-Computed Tomography for Blunt Trauma Justified? A Prospective Evaluation.** JTrauma, 2009;67(4);779.
  - b. Hui CM, MacGregor JH, Tein HC et al. **Radiation dose from initial trauma assessment and resuscitation: review of the literature.** Can J Surg, 2009;52(2);147.
  - c. Gupta M, Schriger DL, Hiatt JR et al. **Selective Use of Computed Tomography Compared With Routine Whole Body Imaging in Patients With Blunt Trauma.** Ann Emerg Med, 2011;59(5);407.
4. Thomas M, Haas TS, Doerer JJ et al. **Epidemiology of Sudden Death in Young, Competitive Athletes Due to Blunt Trauma.** Pediatrics, 2011;128;e1.
  - a. Halstead ME, Walter KD, **Council on Sports Medicine and Fitness. Sport-Related Concussion in Children and Adolescents.** Pediatrics, 2011;126(3);597.
  - b. Kluger J. **Headbanger Nation. Concussions are clobbering US kids. Here's Why.** Time, 2011:Jan;42.

## Critical Care – Dr. Lewis Kaplan for Dr. Fred Luchette

1. Casaer MP, Mesotten D, Hermans G. **Early versus Late Parenteral Nutrition in Critically Ill Adults.** N Engl J Med, 2011;365(6), 506-517.
2. Kwok AC, Semel Me, Lipsitz SR, et al. **The Intensity and Variation of Surgical Care at the End of Life: a Retrospective Cohort Study.** Lancet, 2011;378:1408-1413.
3. The PROTECT Investigators for the Canadian Critical Care Trials Group and the Australian and New Zealand Intensive Care Society Clinical Trials Group. **Dalteparin versus Unfractionated Heparin in Critically Ill Patients.** N Engl J Med, 2011;364(14):1305-1314.
4. Cooper DJ, Rosenfeld JV, Murray L, et al. **Decompressive Craniectomy in Diffuse Traumatic Brain Injury.** N Engl J Med, 2011;364(16):1493-1502.
5. Wibbenmeyer L, Sevier A, Liao J, et al. **The Impact of Opioid Administration on Resuscitation Volumes in Thermally Injured Patients.** J Burn Care Res, 2010;31:48-56.
6. Chung KK, Wolf SE, Renz EM, et al. **High-frequency percussive ventilation and low tidal volume ventilation in burns: A randomized controlled trial.** Crit Care Med 2010;38:1970-1977.
7. Sood R, Roggy D, Zieger M, et al. **Cultured Epithelial Autografts for Coverage of Large Burn Wounds in Eighty-Eight Patients: The Indiana University Experience.** J Burn Care Res 2010;31:559-568.
8. Moore LJ, McKinley BA, Turner KL, et al. **The Epidemiology of Sepsis in General Surgery Patients.** J Trauma 2011;70:672-680.
9. Miller RS, Norris PR, Jenkins JM, et al. **Systems Initiatives Reduces Healthcare- Associated Infections: A Study of 22,928 Device Days in a Single Trauma Unit.** J Trauma 2010;68:23-31.
10. Weinberg JA, McGwin G Jr, Vadromme MJ, et al. **Duration of Red Cell Storage Influences Mortality After Trauma.** J Trauma 2010;69:1427-1432.
11. Kashuk JL, Moore EE, Sawyer M, et al. **Primary Fibrinolysis is Integral in the Pathogenesis of the Acute Coagulopathy of Trauma.** Ann Surg 2010;252:434-444.
12. Shafi S, Parks J, Ahn C, et al. **Centers for Medicare and Medicaid Services Quality Indicators Do Not Correlate With Risk-Adjusted Mortality at Trauma Centers.** J Trauma 2010;68-771-777.
13. Kopriva BM, Helmer SD, Smith RS. **Jack A. Barney Resident Paper Award: Blood transfusions increase complications in moderately injured patients.** Am J Surg 2010;200:746-751.
14. Mohr AM, Lavery RF, Sifri ZC, et al. **Gender Differences in Glucose Variability after Severe Trauma.** Am Surg 2010;76:896-902.

