

## Department of Anesthesiology Journal Articles

July 1<sup>st</sup>, 2012 to June 30<sup>th</sup>, 2013

1. Arteaga-Solis E, Zee T, Emala CW, Vinson C, Wess J, Karsenty G. Inhibition of leptin regulation of parasympathetic signaling as a cause of extreme body weight-associated asthma. *Cell Metab.* 2013;17(1):35-48.
2. Baird JS, Havalad V, Aponte-Patel L, Ravindranath TM, October TW, Starc TJ, Smerling AJ. Nitric oxide-associated pulmonary edema in children with pulmonary venous hypertension. *Pediatr Cardiol.* 2013;34(4):817-25.
3. Baldwin MR, Narain WR, Wunsch H, Schluger NW, Cooke JT, Maurer MS, Rowe JW, Lederer DJ, Bach PB. A prognostic model for 6-month mortality in elderly survivors of critical illness. *Chest.* 2013;143(4):910-9.
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5. Bingham AE, Fu R, Horn JL, Abrahams MS. Continuous peripheral nerve block compared with single-injection peripheral nerve block: a systematic review and meta-analysis of randomized controlled trials. *Reg Anesth Pain Med.* 2012;37(6):583-94.
6. Brady JE, Li G. Prevalence of alcohol and other drugs in fatally injured drivers. *Addiction.* 2013;108(1):104-14.
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12. Dimaggio C, Li G. Effectiveness of a safe routes to school program in preventing school-aged pedestrian injury. *Pediatrics.* 2013;131(2):290-6.

13. DiMaggio C, Sun LS, Ing C, Li G. Pediatric anesthesia and neurodevelopmental impairments: a Bayesian meta-analysis. *J Neurosurg Anesthesiol.* 2012;24(4):376-81.
14. Egan BJ, Cheng S. A novel way to repurpose waste to improve operating room hygiene. *J Clin Anesth.* 2012;24(8):679-80.
15. Eisenach JC, Pan P, Smiley RM, Lavand'homme P, Landau R, Houle TT. Resolution of pain after childbirth. *Anesthesiology.* 2013;118(1):143-51.
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- mortality for coronary artery bypass graft surgery. *Ann Thorac Surg.* 2013;95(1):46-52.
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  29. Hastie MJ, Souh J, Ju A, Shanewise JS. Echo rounds: Undiagnosed severe pulmonic regurgitation in a carcinoid patient for tricuspid valve replacement and patent foramen ovale closure. *Anesth Analg.* 2013;116(2):300-2.
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  36. Jeon CY, Furuya EY, Berman MF, Larson EL. The role of pre-operative and post-operative glucose control in surgical-site infections and mortality. *PLoS One.* 2012;7(9):e45616.
  37. Jeon J, Watkins A, Wagener G, Samstein B, Guarrera J, Goldstein M, Meltzer J, Kato T, Emond JC. Complex hepatectomy under total vascular exclusion of the liver: impact of ischemic preconditioning on clinical outcomes. *World J Surg.* 2013;37(4):838-46.
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  39. Lee HT, Kim JY, Kim M, Wang P, Tang L, Baroni S, D'Agati VD, Desir GV. Renalase protects against ischemic AKI. *J Am Soc Nephrol.* 2013;24(3):445-55.
  40. Lee HT, Kim M, Kim JY, Brown KM, Ham A, D'Agati VD, Mori-Akiyama Y. Critical role of interleukin-17A in murine intestinal ischemia-reperfusion injury. *Am J Physiol Gastrointest Liver Physiol.* 2013;304(1):G12-25.

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44. Miller TL, Park R, Sun LS. Report of the third PANDA symposium on "Anesthesia and Neurodevelopment in Children". *J Neurosurg Anesthesiol*. 2012;24(4):357-61.
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46. Mintz CD, Smith SC, Barrett KM, Benson DL. Anesthetics interfere with the polarization of developing cortical neurons. *J Neurosurg Anesthesiol*. 2012;24(4):368-75.
47. Mintz CD, Wagner M, Loepke AW. Preclinical research into the effects of anesthetics on the developing brain: promises and pitfalls. *J Neurosurg Anesthesiol*. 2012;24(4):362-7.
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63. Sud S, Sud M, Friedrich JO, Wunsch H, Meade MO, Ferguson ND, Adhikari NK. High-frequency ventilation versus conventional ventilation for treatment of acute lung injury and acute respiratory distress syndrome. *Cochrane Database Syst Rev.* 2013;2:CD004085.
64. Sun LS, Li G, DiMaggio CJ, Byrne MW, Ing C, Miller TL, Bellinger DC, Han S, McGowan FX. Feasibility and pilot study of the Pediatric Anesthesia NeuroDevelopment Assessment (PANDA) project. *J Neurosurg Anesthesiol.* 2012;24(4):382-8.
65. Sun LS. Introduction to the proceedings of the third PANDA symposium on "Anesthesia and Neurodevelopment in Children". *J Neurosurg Anesthesiol.* 2012;24(4):356.
66. Tibbs GR, Rowley TJ, Sanford RL, Herold KF, Proekt A, Hemmings HC Jr, Andersen OS, Goldstein PA, Flood PD. HCN1 channels as targets for anesthetic and nonanesthetic propofol analogs in the amelioration of mechanical and thermal hyperalgesia in a mouse model of neuropathic pain. *J Pharmacol Exp Ther.* 2013;345(3):363-73.
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83. Zhu M, Cummings P, Chu H, Coben JH, Li G. Graduated driver licensing and motor vehicle crashes involving teenage drivers: an exploratory age-stratified meta-analysis. *Inj Prev.* 2013;19(1):49-57.

### **Department of Anesthesiology Abstracts**

**July 1<sup>st</sup>, 2012 to June 30<sup>th</sup>, 2013**

1. Baldwin MR, Raza U, Warmington MA, Wunsch H, Granieri E, Reid MC, Maurer MS, Lederer DJ. Frailty is associated with mortality and disability in older intensive care survivors of respiratory failure: a pilot study. *American Thoracic Society* 2013.
2. Brady J, DiMaggio C, Li G. Time trends in the prevalence of alcohol and drugs in fatally injured drivers, 1999-2010. *Society for Epidemiologic Research* 2013.
3. DiMaggio C, Li G. Effectiveness of a Safe Routes to School Program in preventing school-age pedestrian injury. *American Public Health Association* 2012.
4. Gallos G, Funayama H, Fu W, Siviski M, Smiley R, Emala CW. Targeting Uterine Smooth Muscle TMEM16 Calcium Activated Chloride Channels to Suppress Oxytocin Induced Contractions and Calcium Handling. *American Society of Anesthesiologists* 2012.
5. Gauran C, Hlaing M, Wagener G. Delayed bleeding and possible tamponade after Syncardia Total Artificial Heart insertion. *International Anesthesia Research Society* 2013.
6. Gershengorn HB, Wunsch H. Trends in, variability of, and factors underlying pulmonary artery catheter use in the US intensive care units, 2001-2008. *American Thoracic Society* 2013.
7. Goswami S, Brady JE, Li G. Derivation and validation of risk index for prediction of intraoperative cardiac arrests in noncardiac surgery. *International Anesthesia Research Society* 2013.
8. Heyer EJ, Mergeche JL, Anastasian ZH, Solomon RA, Todd GJ, McKinsey JF, Connolly SE. Statin Therapy is Associated With Improved Cognitive Performance in Patients Having Carotid Endarterectomy. *American Society of Anesthesiologists* 2012.
9. Hua M, Li G, Blinderman C, Wunsch H. Evaluation of specific triggers for palliative care consultation in United States intensive care units. *American Thoracic Society* 2013.

10. Kim M, Li G. The Effects of General Anesthesia on Renal Outcomes in Patients Undergoing Endovascular Abdominal Aortic Aneurysm Repair. American Society of Anesthesiologists 2012.
11. Lang B, Rosenberg H, Pinyavat T, Sun LS, Wong CA, Brady JE, Li G. Accuracy of Malignant Hyperthermia Diagnosis in Hospital Discharge Records. American Society of Anesthesiologists 2012.
12. Li G, Brady J, DiMaggio C. Effects of minimum legal drinking age on alcohol and marijuana use: evidence from toxicological testing data for fatally injured drivers aged 16 to 25 years. Society for Epidemiologic Research 2013.
13. Li G, Brady JE, Lang BH, Giglio J, DiMaggio CJ. Characteristics of State Prescription Drug Monitoring Programs and Drug Overdose Mortality. American Society of Anesthesiologists 2012.
14. Mintz CD, Barrett KM, Smith SC, Benson DL, Harrison NL. Anesthetics Interfere with Axon Guidance and Growth Cone Function in Developing Neocortical Neurons via a GABAA Receptor Mechanism. American Society of Anesthesiologists 2012.
15. Reyfman PA, Wunsch H, Narain W, Blinderman C, Schluger NW, Reid MC, Maurer MS, Lederer DJ, Bach PB, Baldwin MR. Older intensive care survivors have unmet palliative care needs independent of chronic critical illness status. American Thoracic Society 2013.
16. Salviz EA, Pozek JP, Littwin SM, Vandepitte CF, Vloka C, Frulla A, Hadzic A. Should Anesthesiologists Be Credentialed Prior to Practicing Ultrasound Guided Regional Anesthesia? American Society of Anesthesiologists 2012.
17. Salviz EA, Vandepitte CF, Gautier P, Xu D, Hadzic A. Effective Bolus Volume of Ropivacaine 0.75% Through a Catheter Required for a Timely Onset of Interscalene Brachial Plexus Blockade. American Society of Anesthesiologists 2012.
18. Smith S, Harrison NL. Propofol Protects Mouse Cortical Neurons From Oxidative Stress Induced Cell Death. American Society of Anesthesiologists 2012.
19. Sun LS, Keenaghan M, Ten V, Wang A. Response to Ischemia is Chamber-Dependent in Cardiomyocytes From Neonatal Rats With Intrauterine Nutritional Restriction. American Society of Anesthesiologists 2012.
20. Sun LS, Li G, Byrne M, Ing C, DiMaggio CJ, Miller T, Bellinger D, Han S, Roh A, McGowan FX. Pilot Study of Pediatric Anesthesia and NeuroDevelopment Assessment (PANDA) Project. American Society of Anesthesiologists 2012.
21. Wagener G, Hincker AM, Feit J, Sladen R. Hypercoagulability detected with rotational thromboelastometry after ventricular assist device implantation. International Anesthesia Research Society 2013.
22. Wagener G, Minhaz M, Young A. Urinary NGAL as Marker of Hepato-Renal Syndrome. American Society of Anesthesiologists 2012.
23. Wagner J, Wunsch H, Herlim M, Chong D, Kramer AA, Halpern SD. ICU occupancy and mechanical ventilator use in the United States. American Thoracic Society 2013.



24. Whittington R, Virag L, Bretteville A, Planel E. Prolonged Dexmedetomidine Administration Increases Tau Phosphorylation In Vivo and In Vitro. American Society of Anesthesiologists 2012.
25. Yim PD, Gallos G, Zhang Y, Emala C. Cell-To-Cell Communication via Gap Junctions is Critical in Force Generation and Maintenance in Airway Smooth Muscle. American Society of Anesthesiologists 2012.
26. Zhu M, Cummings P, Chu H, Coben JH, Li G. Graduated Driver Licensing and Motor Vehicle Crashes involving Teenage Drivers: An Age-Stratified Meta Analysis. American Public Health Association 2012.

### **Department of Anesthesiology Books and Book Chapters**

**July 1<sup>st</sup>, 2012 to June 30<sup>th</sup>, 2013**

1. Anastasian ZH. Asymptomatic Cerebrovascular Disease (For Non-neurosurgery). In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
2. Anastasian ZH. Neurovascular Surgery. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
3. Bingham AE, Kachulis B. Intraoperative EKG. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
4. Egan BJ. Opioids, Induction Agents, Neuromuscular Blockers. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
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6. Fitzgerald MM, Godwami S. Lung Transplantation. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
7. Fitzgerald MM, Goswami S. Heart Transplantation. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
8. Fitzgerald MM, Goswami S. Thoracic Surgery. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
9. Gaudet JG, Lysakowski C. Spinal Surgery and Neurophysiologic Monitoring. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
10. Gaudet JG, Villiger Y. Carotid Artery Endarterectomy (CEA). In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
11. Gaudet JG. Neuromonitoring (Transcranial Doppler (TCD), EEG, Carotid Stump Pressure (SP), Near Infrared Spectroscopy (NIRS), SjO<sub>2</sub>). In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.

12. Goodman SR, Wattenmaker Mankowitz S. Neurologic and Neuromuscular Disorders. In: Suresh M, ed. Schnider and Levinson's Anesthesia for Obstetrics. 5 ed. Baltimore: Lippincott Williams and Wilkins; 2013.
13. Goodman SR, Wattenmaker S. Neurologic and Neuromuscular Disorders. In: Suresh M, ed. Schnider and Levinson's Anesthesia for Obstetrics. Philadelphia: Lippincott Williams and Wilkins, 2012.
14. Goswami S, Goswami A. Cardiac Risk Stratification for Noncardiac Surgery, Lee's Score, NYHA Classification. In: Atchabahian A, Gupta R, eds. The Anesthesia Guide. New York: McGraw-Hill; 2013.
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