

Appendix II
Departmental Publications
(January 1 to December 31, 2011)

1. Xie G, Deschamps A, Backman SB, Fiset P, Chartrand D, Dagher A, Plourde G. "Critical involvement of the thalamus and precuneus during restoration of consciousness with physotigmine in humans during protocol anesthesia: a positron emission tomograph study. *Br J Anaesth* 2011, 106:548-57.
2. Backman S, Baker A, Beattie S, et al. 2011 Canadian Journal of Anesthesia Guide for Authors. *Can J Anesthesia* 2011, 58:668-96.
3. Carli F, Kehlet H, Baldini G, Steel A, McRae K, Slinger P, Hemmerling T, Salinas F, Neal JM. Evidence Basis for Regional Anesthesia in Multidisciplinary Fast-Track Surgical Care Pathways. *Regional Anesthesia and Pain Medicine*, 2011; 36(1) 63-72.
4. Wongyingsinn M, Baldini G, Charlebois P, Liberman S, Stein B, Carli F. Intravenous Lidocaine Versus Thoracic Epidural Analgesia: A Randomized Controlled Trial in Patients Undergoing Laparoscopic Colorectal Surgery Using an Enhanced Recovery Program. *Regional Anesthesia and Pain Medicine*, 2011 36(1) 241-248.
5. Carli F, Baldini G. Fast-track surgery: it is time for the anesthesiologist to get involved! *Minerva Anestesiol* 2011 Feb; 77*(2) 227-30.
6. Badawy M, Béique F, Al-Halal H, Azar T, Akkour K et al. "Anesthesia Considerations for robotic surgery in gynecologic oncology. *J Robotic Surgery*, 2011, Volume 5, Number 4, Pages 235-239.
7. Almarestani L, Fitzcharles MA, Bennett GJ, Ribeiro-da-Silva A. Imaging studies in a complete Freund's adjuvant model of regional polyarthritis in the rat: a model suitable for the study of pain mechanisms. *Arthritis Rheum*, 2011; 63: 1573-1581
8. Farmer MA, Taylor AM, Bailey AL, Tuttle AH, MacIntyre LC, Milagrosa ZE, Crissman HP, Bennett GJ, Ribeiro-da-Silva A, Yitzchak YM, Mogil JS . Repeated vulvovaginal fungal infections cause persistent pain in a mouse model of vulvodinia. *Sci Transl Med* 2011; 3: 101ra91.
9. Burlina AP, Sims K, Politei JM, Baron R, Bennett GJ, Fellgiebel A, Møller AT, Sommer C, Hiltz MJ. Early diagnosis of peripheral nervous system involvement in Fabry disease and treatment of neuropathic pain: the report of an expert panel. *BMC Neurology* 2011; 11:61.
10. Zheng FY, Xiao WH, Bennett GJ. The response of spinal microglia to chemotherapy-evoked painful peripheral neuropathies is distinct from that evoked by traumatic nerve injuries. *Neuroscience* 2011; 176: 447-454.
11. Bennett, GJ, Liu GK, Xiao WH, Jin HW, Siau C. Terminal arbor degeneration (TAD): a novel lesion produced by the chemotherapeutic agent, paclitaxel. *Eur J Neurosci* 2011; 33: 1667-1676.

12. Zheng H, Xiao WH, Bennett GJ. Functional deficits in peripheral nerve mitochondria in rats with paclitaxel- and oxaliplatin-evoked painful peripheral neuropathy. *Exptl Neurol* 2011; 232: 154-161.
13. Xiao WH, Zheng H, Zheng FY, Nuydens, R, Meert TF, Bennett GJ. Mitochondrial abnormality in sensory, but not motor, axons in paclitaxel-evoked painful peripheral neuropathy in the rat. *Neuroscience* 2011; 199: 461-469.
14. Aoude AA, Kearney RE, Brown KA, Galiana HL, Robles-Rubio CA. Automated Off-Line Respiratory Event Detection for the Study of Postoperative apnea in Infants. *IEEE Transactions on Biomedical Engineering*, 2011: 58 (6), 1724-1733.
15. Brouillette RT, Horwood L, Constantin E, Brown K, Ross NA. Childhood sleep apnea and neighborhood disadvantage. *Journal of Pediatrics* 2011: 158: 789-795.
16. Brown K, Outcome, Risk and Error and the Child with Obstructive sleep Apnea. *Pediatric Anesthesia* 2011; 21: 771-780.
17. Robles-Rubio CA, Brown KA, Kearney RE. Automated Unsupervised Respiratory Event Analysis. *IEEE EMBS Conference Proceedings* 2011 (Aug. 30 – Sept. 3) 3201-3204
18. Loggia M, Juneau M, Bushnell M.C. Autonomic responses to heat pain: Heart rate, skin conductance, and their relation to pain ratings and stimulus intensity. *Pain*, 152: 592-598, 2011.
19. Seminowicz D.A, Wideman T.H, Naso L, Hatami-Khoroushahi Z, Fallatah S, Ware M.A, Jarzem P, Bushnell M.C, Shir Y, Ouette J.A, Stone L.S. Effective treatment of low back pain reverses abnormal brain anatomy and function. *J. Neuroscience* 31: 7540-7550, 2011.
20. Balderi T, Mistraretti G, d'Angelo E, Carli F. Incidence of postoperative urinary retention (POUR) after joint arthroplasty and management of ultrasound-guided bladder catheterization. *Minerva Anaesthesiologica* 2011. E-pub.
21. Mastracci TM, Carli F, Finley RI, Muccio S, Warner DO, member of Evidence Based Reviews in Surgery Group. Effect of preoperative smoking cessation interventions on postoperative complications. *Journal of the American College of Surgeons* 2011; 212:1094-6.
22. Lugli AK, Donatelli F, Schricker T, Wykes L, Carli F, Preoperative protein and glucose metabolism. The influence of diabetes mellitus type 2 in patients with colorectal tumors. *Nutrition Cancer* 2011; 63(6):924-9.
23. Lugli AK, Donatelli F, Schricker T, Kinder CH, Wykes L, Carli F. Parenteral amino acids vs dextrose infusion: an anabolic strategy to minimize the catabolic response to surgery while maintaining normoglycaemia in diabetes mellitus type 2 patients. *British Journal of Nutrition* 2011; 17:1-8.
24. Mayo NE, Feldman L, Scott S, Zavorsky G, Kim do J, Charlebois P, Stein B, Carli F. Impact of preoperative change in physical function on postoperative recovery:

- arguments supporting prehabilitation for colorectal surgery. *Surgery* 2011 Sept; 150(3):505-14.
25. Donatelli F, Corbella D, Di Nicola M, Carli F, Lorini L, Fumagalli R, Biolo G. Preoperative insulin resistance and the impact of feeding on postoperative protein balance : A stable isotope study. *Journal Clinical Endocrinology and Metabolism* 2011; 96: 17: 89-97.
 26. Doonan RJ, Scheffler P, Yu A, Egiziano G, Mutter A, Bacon S, Carli F, Daskalopoulos ME, Daskalopoulou SS. Altered arterial stiffness and subendocardial variability ratio in young healthy light smokers after acute exercise. *PLoS ONE*, 2011; 6:E26151
 27. Sato H, Hatzakorzian R, Carvalho G, Sato T, Lattermann R, Matsukawa T, Schricker T. [High-dose insulin administration improves left ventricular function after coronary artery bypass graft surgery.](#) *J Cardiothorac Vasc Anesth.*, 2011 Dec; 25(6):1086-91
 28. Hatzakorzian R, Carvalho G, Bui H, Sato T, Wykes L, Shum-Tim D, Schricker T. [High-dose insulin administration is associated with hypoaminoacidemia during cardiac surgery.](#) *Metabolism.* 2011 Oct; 60(10):1392-7.
 29. Sato T, Carvalho G, Sato H, Lattermann R, Schricker T. [Glucose and insulin administration while maintaining normoglycemia during cardiac surgery using a computer-assisted algorithm.](#) *Diabetes Technol Ther.* 2011 Jan; 13(1):79-84
 30. Sato H, Carvalho G, Sato T, Lattermann R, Matsukawa T, Schricker T. The association of preoperative glycemic control, intraoperative insulin sensitivity, and outcomes after cardiac surgery. *J Clin Endocrinol Metab.* 2010 Sep; 95(9):4338-44
 31. Hatzakorzian R, Bui H, Carvalho G, Shan WL, Sidhu S, Schricker T. Fasting blood glucose levels in patients presenting for elective surgery. *Nutrition.* 2011 Mar; 27(3):298-301.
 32. Klinger MB, Sacks S, Cervero F. A role for extracellular signal-regulated kinases 1 and 2 (ERK 1/2) in the maintenance of persistent mechanical hyperalgesia in ovariectomized mice. *Neuroscience* 172: 483-493, 2011.
 33. Walczak JS, Cervero F. Local activation of cannabinoid CB1 receptors in the urinary bladder reduces the inflammation-induced sensitization of bladder afferents. *Molecular Pain*, 7:31 (<http://www.molecularpain.com/content/7/1/31>) 2011
 34. Witschi R, Punnakkal P, Paul J, Walczak JS, Cervero F, Fritschy JM, Kuner R, Keist R, Rudolph U, Zeilhofer HU. Presynaptic $\alpha 2$ -GABA_A Receptors in Primary Afferent Depolarization and Spinal Pain Control. *J. Neuroscience.* **31**: 8134 – 8142, 2011
 35. Laferrière A, Pitcher MH, Haldane A, Huang Y, Cornea V, Kumar N, Sacktor TC, Cervero F,Coderre TJ. Protein Kinase M-zeta is essential for spinal plasticity underlining the maintenance of persistent pain. *Molecular Pain.* 7:99 <http://www.molecularpain.com/content/7/1/99>). 2011
 36. Lair JMA, Cervero F. Looking at visceral pain: new vistas (Editorial). *Scandinavian Journal of Pain*, 2:93-94. 2011

37. Merchant R, Bosenberg C, Brown K, Chartrand D, Dain S, Dobson J, Kurrek M, LeDez K, Morgan P, Penner M, and Shukla R. Guidelines to the Practice of Anesthesia: Revised edition *Can. J. Anesth*, 58:74-107, 2011.
38. Coderre TJ. Complex regional pain syndrome – Type I: What’s in a name? *J Pain*, 12: 2-12, 2011.
39. Ross-Huot MC, Laferriere A, Min GiC, Khorashadi M, Schricker T, Coderre TJ. Effects of glycemic regulation on chronic post-ischemia pain. *Anesthesiology* 115:614-625, 2011.
40. Bracco D, Donatelli F. Volatile agents for ICU sedation? *Intensive Care Med*, Jun; 37(6):895-7, 2011.
41. Tran DQH, Dugani S, Pham K, Finlayson RJ. A Randomized Comparison between Subepineural and Conventional Ultrasound-Guided Popliteal Sciatic Nerve Block. *Reg Anesth Pain Med*, 36:548-552, 2011.
42. Tran DQH, Dugani S, Correa JA, Dyachenko A, Alsenosy N, Finlayson RJ. Minimum Effective Volume of Lidocaine for Ultrasound-Guided Supraclavicular Block. *Reg Anesth Pain Med*, 36:466-469. 2011.
43. Dugani S, Tran DQH, Finlayson RJ. Incidental detection of bowel herniation with ultrasonography and fluoroscopy during a caudal block. *Can J Anesth*, 58:551-554, 2011.
44. Tran DQH, Dugani S, Dyachenko A, Correa JA, Finlayson RJ. Minimum Effective Volume of Lidocaine for Ultrasound-Guided Infraclavicular Block. *Reg Anesth Pain Med*, 36:190-194, 2011.
45. Tran DQH, Dugani S, Finlayson RJ. Perineural Catheters: Ultrasound Guidance or Assistance? *Reg Anest Pain Med*, 36:414-415, 2011.
46. Duong S, Finlayson RJ, Tran DQH. Nonsurgical Management of Spinal Stenosis: How Evidence-Based Are We? Reply, *Can J Anesth* 58, no. 3 (341-341), 2011.
47. Fitzcharles MA, Ste Marie P, Gamsa, A, Shir Y. Opioid Use, Misuse, and Abuse in Patients Labeled as Fibromyalgia. *American J of Medicine*, 124 (10) Oct. 2011, p. 955-960.
48. Ste Marie P, Fitzcharles MA, Gamsa, A, et al. Cannabinoid Use in Fibromyalgia is Associated with Male Gender, Opioid Use, and Drug Seeking Behaviour, *Arthritis & Rheumatism*, 63, Nov 2011, p. 1906.
49. El Shobary H, Gauthier M, Schricker T. Jet ventilation for excision of vocal cord polyps in a pregnant patient. *Anaesthesia Intensive Care* 2011; 39: 1136-1138.
50. Gauvin A, Cloutier, G, Germain M, Principles of Ultrasound. *Transesophageal Echocardiography, Multimedia Manual*, 2nd edition, Chapter 1

51. Carvalho G, Pelletier P, Albacker T, Lachapelle K, Joannis DR, Hatzakorjian R, Lattermann R, Sato H, Marette A, Schrick T. Cardioprotective effects of glucose and insulin administration while maintaining normoglycemia (GIN therapy) in patients undergoing coronary artery bypass grafting. *Clin Endocrinol Metab* 2011; 96: 1469-77.
52. Bui H, Hatzakorjian R, Schrick T. Diagnosing preoperative hyperglycemia in non-diabetic patients: a challenge and an opportunity. *Can J Anesth* 2011; 58:582-3.
53. Hemmerling TM, Taddei R, Wehbe M, Morse J, Cyr S, Zaouter C. Robotic anesthesia – a vision for the future of anesthesia. *Translational Medicine* 2011, Sept-Dec; 1:1-20
54. Woodruff C, English M, Zaouter C, Hemmerling TM. Postoperative visual loss after plastic surgery: case report and a novel continuous real-time video monitoring system for the eyes during prone surgery. *Br J Anaesth* 2011 Jan; 106 (1): 149-51
55. Hemmerling TM. Automated Anesthesia Delivery: Future Reality or Misguided Pipe Dream? *ASA September newsletter* 2011
56. Samoukovic G, Vassiliou M, Gianetti N, Al-Sabah S, Lash V, Cecere R. Laparoscopic splenectomy in a patient with a Heartmate II left ventricular assist device. *Journal of Laparoscopic & Advanced Surgical Techniques*, July-Aug 2011, 21(6): 535-8
57. Eberhart LHJ, Morin AM, Stief T, Kalder M, Lattermann R, Schrick T. Randomised controlled trial of the effect of oral premedication with dexamethasone on hyperglycaemic response to abdominal hysterectomy. *Eur J Anaesth* 28: 195-201, 2011
58. Lavoie J, Blood transfusion risks and alternative strategies in pediatric patients. *Pediatric Anesthesia* 2011; 21: 14-24.
59. Moore AR, Costello JF, Wiczorek PM, Shah V, Taddio A, Carvalho JCA. Gabapentin improves post-cesarean delivery pain management: a randomized, placebo-controlled trial. *Anesth Analg* 2011; 112:167-73.
60. El-Shobary H, Kaufman I, Schrick T. Anesthetic management of a morbidly obese parturient undergoing cesarean section. *Middle East J Anesthesiol* 21: 289-293 (2011)
61. Thabane L, Wells G, Cook R, Platt R, Pogue J, Pullenayegum E, Matthews D, McCready T, Devereaux PJ, Cairns JA, Yusuf S; CANadian Network and Centre for Trials Internationally (CANNeCTIN) Investigators Canadian-led-capacity-building in biostatistics and methodology in cardiovascular and diabetes trials: the CANNeCTIN biostatistics and methodological innovation working group. *Trials* 12: 48 (2011) (Dr. Schrick's name appears in the paper. There are too many authors to list)
62. Carvalho G, Pelletier P, Albacker T, Lachapelle K, Joannis D, Hatzakorjian R, Lattermann R, Sato H, Marette A, Schrick T. Cardioprotective effects of glucose and insulin administration while maintaining normoglycemia (GIN therapy) in patients undergoing coronary artery bypass grafting. *J Clin Endocrinol Metab* 96: 1469-1477 (2011) IF: 6.202 [This paper is accompanied by an Editorial by Van den Berghe G: Coronary Bypass Surgery: Protective effects of insulin or of prevention of hyperglycemia or both? *J Clin Endocrinol Metab* 96: 1272-1275 (2011)]

63. Girard F, Schricker T. Perioperative glucose control: living in uncertain times. *Can J Anesth* 58: 312-329 (2011), IF: 2.306
64. Schricker T, Carvalho G, Sato H. Strict glycemic control in the operating theatre needs point of care devices. Reply to the Editor regarding a letter by Rice MJ, Pitkin AD, Coursin DB, "Point of care devices should not be relied upon for perioperative glucose management." *Anesth Analg* 112: 248-249 (2011), IF: 3.083
65. Fitzcharles MA, Shir Y. Management of chronic pain in rheumatic disease: insights for the
66. clinician. *Ther Adv Musculoskel Dis* 3;179-90:2011
67. Shir Y. Treating non-cancer pain – a time for a change? In: *Working together when facing chronic pain*. O'Donnell-Jasmin L (ed), Productions Odon, Inc pp 323-327, 2011
68. Tessler MJ, Shrier I, Steele RJ. Billing Patterns of Canadian Anesthesiologists over a Decade. *J Anesthe Clinic Res* 2011, 2:129, doi:10.4172/2155-6148.1000129.
69. Tahiri Y, Tran DQH, Bouteaud J, Xu L, Lalonde D, Luc M, Nikolis A, General Anesthesia vs. Thoracic Paravertebral Block for Breast Surgery: A Meta-Analysis. *J Plast Reconstr Aesthet Surg* 2011; 64: 1261-1269.
70. Valois T, Setting the stage for success. *Medical Education* 2011; 45: 1131-1162
71. Withington D, Ménard G, Varin F, Cisatracurium pharmacokinetics and pharmacodynamics during hypothermic cardiopulmonary bypass in infants and children. *Pediatric Anesthesia* 2011; 21(3): 341-346.
72. Holt TR, Mitchell E, Withington D. Which pressure to believe? A comparison of direct arterial with indirect blood pressure measurement techniques in the pediatric intensive care unit. *Pediatric Critical Care Medicine* 2011 June 9, doi:10.1097/PCC.0b013e3182230f43