

Appendix II
Departmental Publications

(January 1 to December 31, 2008)

1. Bagry H, De La Cuadra Fontaine JC, **Asenjo JF, Bracco D, Carli F**. Effect of a continuous peripheral nerve block on the inflammatory response in knee arthroplasty. *Reg Anesth Pain Med* 2008; 33: 17-23.
2. Xanthos DN, **Bennett GJ, Coderre TJ**. Animal models of complex regional pain syndrome and their implications for underlying mechanisms and treatment. In: Pain 2008-An Updated Review: Refresher Course Syllabus, Castro-Lopes JM, Raja S & Schmelz M, eds, IASP Press, Seattle, 2008, pp. 109-119.
3. Xanthos DN, **Bennett GJ, Coderre TJ**. Norepinephrine-induced nociception and vasoconstrictor hypersensitivity in rats with chronic post-ischemia pain. *Pain* 2008; 137: 640-651.
4. Lafferiere A, Millecamps M, Xanthos DN, Xiao WH, Siau C, Vrolijk-de Mos M, Sachot C, Ragavendran JV, Huygen FJPM, **Bennett GJ, Coderre TJ**. Cutaneous tactile allodynia associated with microvascular dysfunction in muscle. *Mol Pain* 2008; 4:49. Selected among the most important articles published in Medicine in 2008 by Faculty of 1000 Medicine.
5. **Bracco D, Schricker T, Carvalho G**. Insulin and pentastarch for severe sepsis. *N Engl J Med*. 2008 May 8; 358(19): 2072; author reply 2074-5.
6. **Brown KA**, Aoude AA, Galiana HL, Kearney RE. Automated respiratory inductive plethysmography to evaluate breathing in infants at risk for postoperative apnea. *Canadian Journal of Anesthesia* 55(11): 739-747, 2008.
7. Raghavendran K, **Brown KA, Buu N**, Perioperative management of patients with Cockayne syndrome – recognition of accelerated aging with growth arrest. *Pediatric anesthesia* 18(5): 360-361, 2008.
8. **Bushnell MC** and Basbaum AI, Volume Editors. The Senses: A Comprehensive Reference, Volume 5 Pain. Elsevier 2008.
9. Basbaum AI, **Bushnell MC**. Pain: Basic mechanisms. In: IASP Refresher Course 2008.
10. Basbaum AI and **Bushnell MC**, Editors. The Science of Pain, Elsevier, 2008.
11. Schweinhardt P, Saura KM, **Bushnell MC**. Fibromyalgia: A disorder of the brain? The Neuroscientist, 14: 415-421, 2008.

12. Olausson H, Cole J, Rylander K, Vallbo A, McGlone F, Lamarre Y, Wallin BG, Cramer H, Wessberg J, Elam M, **Bushnell MC**, Vallbo A. Functional role of unmyelinated tactile afferents in human hairy skin: sympathetic response and perceptual localization. *Experimental Brain Research*, 184(1):135-40, 2008.
13. Loggio ML, Mogil JS, **Bushnell MC**. Empathy hurts: Compassion for another increases both sensory and affective components of pain perception, *Pain*, 136: 168-176, 2008.
14. Olausson HW, Cole J, Vallbo A, McGlone F, Elam M, Krämer HH, Rylander K, Wessberg J, **Bushnell MC**. Unmyelinated tactile afferents have opposite effects on insular and somatosensory cortical processing, *Neuroscience Letters*, 436: 128-132, 2008.
15. Loggia ML, Mogil JS, **Bushnell MC**. Mood-related changes in pain unpleasantness: A phenomenon independent of mood induction technique. *The Journal of Pain*, 9:784-791, 2008.
16. Schweinhardt P, Loggia ML, Villemure C, **Bushnell MC**. Psychological state and pain perception. In: *Orofacial Pain* (editors BJ Sessle, G Lavigne, JP Lund, R Dubner), Quintessence Publishing Company, 2008.
17. Loggia ML, Schweinhardt P, Villemure C, **Bushnell MC**. Effects of psychological state on pain perception in the dental environment. *Journal of the Canadian Dental Association*, 74: 651-656, 2008.
18. *Schweinhardt P, Kuchinad A, Pukall CF, **Bushnell MC**. Increased gray matter density in young women with chronic vulvar pain. *Pain*, 140: 411-419, 2008.
19. *Gramigni E, Schweinhardt P, Baldini G, Clemente A, **Bushnell M**, **Carli F**. Propranolol decreases pain perception in healthy volunteers. *Can J Anaesth*. 2008 Suppl 1:474981.
20. Clemente A, **Carli F**. Thoracic epidural and the cardiovascular system. *Techniques in Regional Anesthesia and Pain Management* 2008; 12: 41-5.
21. Kopp Lugli A, Wykes L, **Carli F**. Strategies for perioperative nutrition support in obese, diabetic and geriatric patients. *Clinical Nutrition* 2008; 27: 16-24.
22. Baldini G, Bagry H, **Carli F**. Depth of anesthesia with desflurane does not influence the endocrine-metabolic response to pelvic surgery. *Acta Aneesthesiol Scand* 2008; 52: 99-105.
23. Bagry H, Raghavendram S, **Carli F**. Matabolic syndrome, insulin resistance and the surgical patient. *Perioperative considerations. Anesthesiology* 2008, 108: 506-23.
24. Moriello C, Mayo N, Felfman L, **Carli F**. Validating the six minute walking test (6MWT) as a measure of recovery following elective colon resection surgery. *Archives of Physical Medicine and Rehabilitation* 2008; 89: 1083-9.

25. Zavorsky GS, Christou NV, Kim DJ, **Carli F**, Mayo NE. Preoperative Gender Differences in Pulmonary Gas Exchange in Morbidly Obese Subjects. *Obes Surg*. 2008 May 9 [Epub ahead of print]
26. Bergman S, Feldman LS, Anidjar M, Demyttenaere SV, **Carli F**, Metrakos P, Tchervenkov K, Paraskevas S, Fried GM. "First, do no harm": monitoring outcomes during the transition from open to laparoscopic live donor nephrectomy in a Canadian centre. *Can J Surg*. 2008 51(2): 103-10.
27. Lauwick S, Jun Kim D, Michelagnoli G, Mistraletti G, Feldman L, Fried G, and **Carli F**. Intraoperative infusion of lidocaine reduces postoperative fentanyl requirements in patients undergoing laparoscopic cholecystectomy: *Can J Anesth* 2008 55: 754-760.
28. Donatelli F, Cavagna P, Di Dedda G, Catenacci A, Di Nicola M, Lorini L, Fumagalli R, **Carli F**. Correlation between pre-operative metabolic syndrome and persistent blood glucose elevation during cardiac surgery in non-diabetic patients. *Acta Anaesthesiol Scand* 2008; 52: 1103-10.
29. **Carvalho G**, Pelletier P, Albacker T, Lachapelle K, Joannis D, **Hatzakorzian R**, **Lattermann R**, Sato H, Marette A, **Schricker T**: Mechanisms of cardioprotective effects of insulin during coronary artery bypass grafting surgery. *J Clin Invest*
30. Albacker T, **Carvalho G**, **Schricker T**, Lachapelle K. High-dose insulin therapy attenuates systemic inflammatory response in coronary artery bypass grafting patients. *Ann Thorac Surg*. 2008 Jul; 86(1): 20-7.
31. Sanoja R and **Cervero F** (2008) Estrogen modulation of ovariectomy-induced hyperalgesia in adult mice. *Eur. J. Pain* 12: 573-581.
32. **Cervero, F**. Neuroplasticidad y dolor. *El Dolor* (Chile) 50:44-48, 2008.
33. **Cervero, F**. Pain theories. In: Allan I. Basbaum, Akimichi Kaneko, Gordon M. Shepherd and Gerald Westheimer, editors *The Senses: A Comprehensive Reference*, Vol 5, Pain, M. Catherine Bushnell and Allan I. Basbaum, editors. San Diego: *Academic Press*; 2008. pp. 5-10.
34. Xanthos DN, **Coderre TJ**. Sympathetic vasoconstrictor antagonism and vasodilatation relieve mechanical allodynia in rats with chronic post-ischemia pain. *J Pain* 2008; 9: 423-433.
35. Millecamps M, **Coderre TJ**. Rats with chronic post-ischemia pain (CPIP) exhibit an analgesic sensitivity profile similar to human patients with complex regional pain syndrome type I (CRPS-I). *Eur J Pharmacol* 2008; 583:97-102.
36. **Coderre, TJ**, **Bennett GJ**. Objectifying CRPS-I. *Pain* 2008; 138 : 3-4 [Editorial].
37. **Coderre TJ**. Spinal cord mechanisms of hyperalgesia and allodynia. *Handbook of the Senses – Science of Pain* (Basbaum AI, Bushnell MC & Julius D, eds.), Elsevier, Oxford, U.K., 2008, pp. 339-380.

38. **El-Shobary H, Kaufman I, Schricker T:** Anesthetic management of a morbidly obese parturient undergoing cesarean section. *Obes Surg*
39. **Frigon C,** Sedeek K, Poulin C, **Brown K,** Farmer JP. Does ketamine affect intraoperative electrophysiological monitoring in children undergoing selective posterior rhizotomy? *Pediatr Anaesth*, 2008 Sep; 18(9):831-7.
40. **Hatzakorzian R,** Bui H, **Carvalho G, Li Pi Shan W, Sidhu S, Schricker T:** Fasting blood glucose levels in patients presenting for elective surgery. *Nutrition*
41. **Hemmerling T, Carli F,** Noiseux, N. Thoracic epidural and cardiac surgery. Are we missing the point? *Br J Anesth* 2008; 100: 3-5 (Editorial).
42. **Kardash KJ,** Sarrazin F, **Tessler MJ,** Velly AM. Single-dose dexamethasone reduces dynamic pain after total hip arthroplasty. *Anesth Analg* 2008 106: 1253-1257.
43. **Lattermann R,** , **El-Shobary H,** Mai R , **Coderre T,** Metrakos P, **Schricker T:** Coagulopathy after liver resection implications for epidural catheter removal. *Reg Anesth Pain Med*
44. **Latterman R, Carvalho G, Schricker T.** Praoperative Nuchternheit. [Preoperative fasting] *Anaesthetist* 57: 1212-1214 (2008).
45. Sato H, **Lattermann R, Carvalho G,** Sato T, Metrakos P, Hassanain M, Matsukawa T, **Schricker T.** Glucose and insulin administration while maintaining normoglycemia, G I N therapy) in patients undergoing major liver resection. *Anesth Analg*
46. Eberhart L, Morin A, Stief T, Kalder M, **Lattermann R, Schricker T:** Oral premedication with dexamethasone 8 mg accentuates the hyperglycaemic response to abdominal hysterectomy. *Eur J Clin Invest*
47. **Owen, A.** Tako-Tsuho syndrome in an anesthetized patient undergoing arthroscopic knee surgery, *Annals of Cardiac Anesthesia*, 11(1), Jan-June 2008.
48. **Paquet, C.** Baseline regional cerebral oxygen situation correlates with left ventricular systolic and diastolic function. *Journal of Cardiothoracic and Vascular Anesthesia*, vol. 22, no. 6 (Dec) 2008, p. 940-6.
49. **Plourde G,** Garcia-Asensi A, **Backman SB,** Deschamps A, **Chartrand D, Fiset P,** Picton TW. Attenuation of the 40 Hz auditory steady-state response by propofol involves cortical and subcortical generators, *Anesthesiology*, 108:223-42, 2008.
50. **Schricker T,** Meterissian, **S, Lattermann R,** Adegoke O, Marliss EB, Mazza L, Eberhart L, **Carli F,** Nitschman E, Wykes L. Anticatabolic effects of avoiding preoperative fasting by intravenous hypocaloric nutrition: a randomized clinical trial. *Ann Surg* 248: 1051-1059 (2008).
51. Hassanain M, **Schricker T,** Metrakos P, **Carvalho G,** Vrochides D, **Lattermann R.** Hepatic protection by perioperative metabolic support? *Nutrition*. 2008 Nov-Dec; 24(11-12): 1217-9. Epub 2008 Jun 30.

52. Kopp Lugli, A, Donatelli, F M.D., **Schricker, T**, Wykes, L, **Carli, F**. Epidural analgesia enhances the postoperative anabolic effect of amino acids in diabetic patients undergoing colon surgery. *Anesthesiology*. 2008; 108: 1093-9.
53. **Shir Y**. CRPS Type I – Reflex sympathetic dystrophy (RSD). *The Canadian Journal of CME* 20;14-7:2008.
54. Fitzcharles MA, **Shir Y**. New concepts in rheumatic pain. *Rheum Dis Clin North Am* 34;267-83:2008.
55. Pereira J, **Shir Y**. Reducing pain through dietary changes. *Clinical Nutrition Insight* 34;1-4: 2008.
56. **Sinha, A, Carli F**. The role of regional anaesthesia in patient outcome: thoracic and abdominal surgeries. *Techniques in Regional Anesthesia and Pain Management*. 2008; 12: 198-207.
57. **Tessler MJ**, Shrier I, Steele RJ. Retirement Patterns and the shortage of anesthesiologists in Quebec and British Columbia. *Canadian Public Policy* 2008;34(4):501-10.
58. **Tran DQH**, Clemente A, **Tran DQ, Finlayson RJ**. A comparison between ultrasound-guided infraclavicular block using the “double bubble” sign and neurostimulation-guided axillary block. *Anesth Analg* 2008;107:1075-8.
59. **Tran DQH**, Munoz L, Russo G, **Finlayson RJ**. Ultrasonography and stimulating perineural catheters for nerve blocks: A review of the evidence. *Can J Anesth* 2008;55;447-57.
60. **Tran de QH**, Munoz L, Russo G, **Finlayson RJ**. A trick shot to the corner pocket. [Comment. Letter] *Regional Anesthesia & Pain Medicine*. 33(5): 503-4; 2008 Sep-Oct.
61. **Tran de QH**, Zaouter C, Munoz L, **Finlayson RJ**. The importance of posterior cord stimulation. [comment]. *Acta Anaesthesiologica Scandinavia*. 53(3):409, 2009 Mar.
62. Oofuvong M, **Withington D, Valois T**. Laryngeal mask airway and difficult airway management in adolescent. A case report. *Pediatric Anesthesia* 2008; 18(12): 1228-1229.
63. Rizzo G, Astuto DE, **Withington D**. Extensive lower limb injuries in a child complicated by complex pain management and profound anemia. *Pediatric Anesthesia* 2008; 18(12):1228-9.

Abstracts

(January 1 to December 31, 2008)

1. **Carli F, Shricker T.** Modification of the stress response. In: Neural Blockade. 4th Edition. Eds: Cousins M, Carr D, Horlocker T Lippincott Raven, 2008.
2. **Carli F, Asenjo F.** Regional anesthesia for abdominal and thoracic surgery. In: Neural Blockade. 4th Edition. Eds: Cousins M, Carr D, Horlocker T Lippincott Raven 2008.
3. Pitcher MH, **Cervero F.** Spinal blockade of NKCC1 activity reduces intraplantar capsaicin-induced sensitization of dorsal horn neurons in rat. Poster presentation at the 38th Annual Society for Neuroscience (SFN) conference in Washington D.C. (November 2008) as well as the 2nd Annual QNJPI Conference (Sherbrooke, QC; June 2008).
4. Pitcher MH, **Cervero F.** Intraplantar capsaicin-induced sensitization of dorsal horn neurons in rat is reduced by spinal application of Bumetanide, an NKCC1 antagonist. Poster presentation at the 2008 International Association of the Study of Pain (IASP) conference, Glasgow, Scotland. August 2008.
5. Sanoja R and **Cervero F.** Delta opioid and neurokinin receptors modulate ovariectomy induced visceral hyperalgesia. Poster presentation at the 2008 International Association for the Study of Pain (IASP) conference, Glasgow, Scotland. August 2008.
6. Walczak JS, Price TJ and **Cervero F.** The localization of CB1 receptors in the mouse urinary bladder shows co-expression with P2X3 receptors in the urothelium. Poster presentation at the 38th Annual Society for Neuroscience (SFN) conference in Washington D.C. (November 2008).
7. Walczak JS, Price TJ and **Cervero F.** Evidence for the presence of the cannabinoid CB1 receptor in the mouse urinary bladder. Poster presentation at the 2008 International Association for the Study of Pain (IASP) conference, Glasgow, Scotland. August 2008.
8. Price TJ, Pitcher MH, Delpire E, Wood JN, **Cervero F.** Multiple Roles For NKCC1 in Nociceptive Processing. Poster presentation at the 2008 International Association for the Study of Pain (IASP) conference, Glasgow, Scotland. August 2008.
9. Kumar N, Laferriere A, **Coderre TJ.** Pregabalin reduces the enhanced noxious stimulus-induced spinal release of glutamate in neuropathic rats, 2008, Abstracts of the XIIth World Congress on Pain, IASP Press, PM 057.
10. Laferriere A, Xanthos DN, **Coderre TJ.** Short-term exercise increases both hind paw allodynia and lactic acid in an animal model of CRPS-I 2008, Abstracts of the XIIth World Congress on Pain, IASP Press, PW 024.
11. Seminowicz DA, Laferriere A, Millecamps M, Yu JS, **Coderre TJ, Bushnell MC.** Structural brain changes associated with a long-term neuropathic pain model in rats, 2008, Abstracts of the XIIth World Congress on Pain, IASP Press, PT 059.

12. Kumar, N, Laferriere A, Girbovan C, Yu JS, Leavitt A, **Coderre TJ**. Evidence that pregabalin reduces neuropathic pain by inhibiting the spinal release of glutamate, 2008, Canadian Pain Society Abstracts, Pain Research & Management 13:138.
13. De Mos M, Millecamps M, laferriere A, Pilkington M. Sturkenboom MC, Huygen FJ, **Coderre TJ**. Contribution of NFkB to allodynia in an animal model of complex regional pain syndrome – type I (CRPS-I), 2008, Abstracts of the XIIth World Congress on Pain, IASP Press, PM 059.
14. **Desparmet JF**. Development of a database of pediatric chronic pain patients: preliminary analysis and results. International forum on pediatric pain. (Poster Presentation) White Point Beach Resort. Nova Scotia. October 2-5, 2008.
15. Rizzo G, **Frigon C, Lavoie J**. Use of opioids in children with intrathecal beclufen pump. SPA/AAP Pediatric Anesthesiology 2008. San Diego, CA. April 3-6, 2008.
16. **Hunter, T**. Neonatal presentation and rapid progression of supraaortic stenosis with aortic arch obstruction in patients with Williams syndrome. Canadian Cardiovascular Congress. October 25-29, 2008.
17. **Latterman R**, Hassanain M, **Carvalho G, El-Shobary H**, Metrakos P, **Schricker T**. Preservation of hepatic glycogen improves liver function after liver resection. Canadian Anesthesiologists' Society, Annual Meeting 2008 in Halifax, NS Conference Supplement (2008).
18. **Lattermann R**, Meterissian S, Adegoke O, Marliss E, **El-Shobary H, Carli F**, Wykes L, **Schricker T**. Avoidance of preoperative fasting by hypocaloric nutrition stimulates albumin synthesis and reduces muscle catabolism after surgery. Canadian Anesthesiologists' Society, Annual Meeting 2008 in Halifax, NS. Conference Supplement (2008).
19. Hassanain M, **Lattermann R, Carvalho G**, Karasek H, Molla H, Paglialunga S, Khankan A, Valenti D, Vrochides D, Chaudhoury P, **Schricker T**, Metrakos P. Improving glycogen liver content improves postoperative liver function in patients undergoing major liver resections. American Hepato Pancreato Biliary Association, Annual Meeting 2008 in Ft. Lauderdale, FL. HPB 10:47 (2008).
20. Reed SJ, **Plourde G**, Shalev U, Tobin S and Chapman CA. Cholinergic modulation of gamma-frequency EEG during isoflurane and propofol anesthesia. *Society for Neuroscience*, 2008 Meeting, Washington, D.C.
21. Shizgal P, Conover K, Dunn K, BJ, **Plourde G**, Munro D, Kilgour R. Neural correlates of thermal comfort and discomfort in humans: functional magnetic resonance imaging study. *Society for Neuroscience*, 2008 Meeting, Washington, D.C. Copy of the previous??
22. **Schricker T**, Meterissian S, **Lattermann R**, Marliss EB, Adegoke OAJ, Mazza L, Eberhart L, **Carli F**, Nitschmann E, Wykes L. Intravenous feeding started prior to major surgery attenuates postoperative whole-body protein catabolism and stimulates albumin

- synthesis. American Diabetes Association, 68th Scientific Sessions, San Francisco, CA. *Diabetes* 57; (Suppl 1): A399 (2008).
23. Soleimannejd E, **Shir Y**. Dietary analgesia in nerve-injured rats could be mediated through cytokine inhibition. *Pain Res Manag*, p-56, May 2008.
 24. Soleimannejd E, **Shir Y**. Dietary analgesia in nerve-injured rats is associated with fatty acid changes in the peripheral nerve, *Pain Res Manag*, p-57, May 2008.
 25. Soleimannejd E, Tremblay-Mercier J, Cunnane S, **Shir Y**. Dietary mediated anti-nociception in nerve injured rats correlates with changes in the fatty acid composition of the injured nerve. *12th World Congress on Pain*. Glasgow, August 2008.
 26. Boulanger A, Racine M, Dupuis G, Dion D, Peng P, Intrater HM, Lynch ME, Ong-Lam MC, **Shir Y**, Choiniere M. The Canadian stop pain project: Factors associated with suicidal ideation in patients suffering from chronic pain. *12th World Congress on Pain*, Glasgow, August 2008.
 27. Choiniere M, Dion D, Peng P, Boulanger A, Clark JA, Lynch ME, Ong-Lam MC, **Shir Y**, Taenzer PA, **Ware MA**. The Canadian stop-pain project: The biopsychosocial profiles of patients on waitlists of large university-affiliated multidisciplinary pain treatment facilities. *12th World Congress on Pain*, Glasgow, August 2008.
 28. Dion D, Choiniere M, Peng P, Clark JA, Intrater HM, Lefort HM, Moulin DE, Ong-Lam MC, Taenzer PA, **Shir Y**. The Canadian stop-pain project: Factors associated with severe pain I patients waiting for treatment in large university-affiliated multidisciplinary pain treatment facilities. *12th World Congress on Pain*, Glasgow, August 2008.
 29. Oofuvong M, **Valois T, Withington DE**. Laryngeal mask airway and difficult airway management in children: a report of 2 cases. *Canadian Anesthesiologists' Society Annual Meeting*. June 2008, Halifax, Nova Scotia.
 30. **Ware MA**, Fitzcharles MA, Joseph L, West K, **Shir Y**. The effects of nabilone on insomnia in fibromyalgia: results of a randomized controlled trial. *Annual Meeting of the American Pain Society*. Tampa, Florida, May 2008.

Book Chapters

1. **Brown, KA.** A pragmatic approach to pediatric obstructive sleep apnea. In: Pediatric Anesthesia: Basic Principles, State-of-the-Art, Future. Dr. Bissonnette (ed). Drs. Joseph Tobias, Brian Anderson, Adrian Bosenber, Bruno Marciniak, Linda Mason and Thomas Engelhardt (sub-editors), People's Medical Publishing House, China, 2009. (submitted)
2. Hannallah RS, **Brown KA**, Verghese ST. Otorhinolaryngologic procedures, Chapter 31, In: A Practice of Anesthesia for Infants and Children. 4th Edition. Dr. Charles J. Coté (ed). December 2008
3. **Carli F, Schricker F.** The role of regional anaesthesia in patient outcome : thoracic and abdominal surgeries. Techniques in Regional Anesthesia and Pain Management. 2008; 12: 198-207.
4. **Desparmet JF.** Development of a database of pediatric chronic pain patients: preliminary analysis and results. International forum on pediatric pain. (Poster Presentation) White Point Beach Resort. Nova Scotia. October 2-5, 2008.
5. **Lavoie J.** Anesthetic considerations in skeletal dysplasia. F. Frassier (Ed). Clinical Approach to Skeletal Dysplasia (accepted).
6. **Valois T.** The pediatric difficult airway. In: M. Astuto (ed.). Anesthesia intensive care and pain in neonates and children. Italy: Springer-Verlag. 2009.
7. **Valois T.** Anesthesia outside the operating room. In: M. Astuto (ed.) Anesthesia Intensive Care and Pain in Neonates and Children. Italy: Springer-Verlag. 2009. Chapter 15. Pages 185-196.
8. **Withington DE.** Perioperative fluid management. In: Anesthesia, Intensive Care and Pain in Neonates and Children. Editor: M. Astuto. Springer-Verlag Italy, 2009. Chapter 11. Pages 135-150.