



Chi-Ho Ban Tsui

Professor of Anesthesiology, Perioperative and Pain Medicine (Adult-MSD) at the Stanford University Medical Center

Bio

BIO

Dr. Tsui completed his medical training at Dalhousie University, Halifax, in 1995 after obtaining his Masters of Science in Pharmacy in 1991. These degrees followed a Diploma in Engineering and Bachelors of Science in both Mathematics and Pharmacy. Dr. Tsui completed his anesthesia residency training at the University of Alberta Hospital in Edmonton in 2000, and he received further experience in pediatric anesthesia at British Columbia Children's Hospital in Vancouver. After 16 years of practice at the University of Alberta Hospital and Stollery Children's Hospital, Dr. Tsui was recruited to Stanford University.

Currently, Dr. Tsui is a Medical Center Line (MCL) Professor in the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University. In his position as an adult and pediatric anesthesiologist at the Stanford University Medical Center and the Lucile Packard Children's Hospital, he specializes in regional anesthesia techniques.

Dr. Tsui is an avid and internationally recognized researcher in many areas of regional anesthesia. During his residency, Dr. Tsui developed an interest in improving the accuracy of epidural catheter placement and was issued a U.S. patent in relation to his research. Dr. Tsui has expanded his research into the use of ultrasound in regional anesthesia, with particular relevance to peripheral nerve block performance. Dr. Tsui is also responsible for development of the E-Catheter catheter-over-needle kit for use during peripheral nerve blocks. The primary objective of his research is to transform regional anesthesia from an "art" into a reliable and reproducible "science" by further exploring the basic scientific and clinical aspects of electrophysiological signal monitoring and integrating this with the latest advances in ultrasound.

Dr. Tsui has received the Alberta Heritage Foundation for Medical Research (AHFMR) Clinical Scholar award and has previously received research awards and grants from the Canadian Institutes of Health Research (CIHR), Canadian Anesthesiologists' Society, AHFMR, and University of Alberta. In 2015, a prestigious award, the CAS Research Recognition Award, was presented by the Canadian Anesthesiologists' Society to Dr. Tsui "in recognition of significant research contributions to regional anesthesia, acute pain management and pediatric anesthesia in Canada and around the world".

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Anesthesiology, Perioperative and Pain Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director of Pediatric Regional Anesthesia (SUPRA), LPCH, Stanford University, (2018- present)
- Director of Research, Regional Anesthesia Division, Department of Anesthesiology, Stanford University, (2018- present)
- Vice Chair (Research), Department of Anesthesiology and Pain Medicine, University of Alberta, (2009-2013)

- Regional Rotational Coordinator, Department of Anesthesiology and Pain Medicine, University of Alberta, (2006-2010)
- Member of Residency Training Committee, Department of Anesthesiology and Pain Medicine, University of Alberta, (2005-2010)
- Director of Clinical Research, Department of Anesthesiology and Pain Medicine, University of Alberta, (2003-2016)

HONORS AND AWARDS

- CAS Research Recognition Award, Canadian Anesthesiologists' Society (2015)
- Dr. R A Gordon Research Award, Canadian Anesthesiologists' Society (2014-2015)
- University Hospital Foundation Medical Research Award, University Hospital Foundation (2014-2015)
- Alberta Heritage Clinical Scholar Award, Alberta Heritage Foundation for Medical Research (2014)
- Clinical Scholar Award, Alberta Heritage Foundation for Medical Research (2009-2016)
- Canadian Institutes of Health Research Operating Grant, Canadian Institutes of Health Research (2008-2011)
- CAS Career Scientist Award in Anesthesia, Canadian Anesthesiologists' Society (2008-2009)
- Smiths Medical Canada Ltd. Canadian Research Award in Pain Research and Regional Anesthesia, Canadian Anesthesiologists' Society (2008-2009)
- John Bradley Young Educator Award, Canadian Anesthesiologists' Society (2008)
- Alberta Heritage Clinical Investigator Renewal Award, Alberta Heritage Foundation for Medical Research (2005-2008)
- David S Sheridan Canadian Research Award, Canadian Anesthesiologists' Society (2004-2005)
- Sponsored Drug Trial, Purdue Pharma L.P. (2004)
- Best Research Abstract, The American Society of Regional Anesthesia (Annual Meeting) (2003)
- Clinical Investigator and Establishment Grant, Alberta Heritage Foundation for Medical Research (2002-2005)
- Sponsored Drug Trial, Abbott Laboratories Ltd. (2002-2003)
- Research Excellence Envelope, University of Alberta Faculty of Medicine and Dentistry (2001-2002)
- Annual Residents' Research Day (First Prize), Department of Anesthesiology and Pain Medicine, University of Alberta Hospital (2000)
- Resident Publication Prize (Clinical Category), Faculty of Medicine, University of Alberta (2000)
- Resident Publication Prize (Clinical Category), Faculty of Medicine, University of Alberta (1999)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Association of University Anesthesiologists (2017 - present)
- Member (Regional Anesthesia), Guidelines and Regulatory Advocacy Committee, American Society of Regional Anesthesia and Pain Medicine (2017 - present)
- Associate Editor, Regional Anesthesia and Pain Medicine (2006 - present)
- Editorial Board Member, Canadian Journal of Anesthesia (2006 - present)
- Chair, ASRA Ultrasound Committee, American Society of Regional Anesthesia and Pain Medicine (2013 - 2016)
- Member, Education Committee, American Society of Regional Anesthesia and Pain Medicine (2009 - 2016)
- Member, Research Committee, Association of Canadian University Departments of Anesthesia (ACUDA) (2006 - 2016)
- Research Member, Association of Canadian University Departments of Anesthesia (2000 - 2016)
- Member, Research Committee, American Society of Regional Anesthesia and Pain Medicine (2010 - 2013)
- Member, Annual Meeting Program Committee, American Society of Regional Anesthesia and Pain Medicine (2006 - 2007)
- Head, Regional Anesthesia and Acute Pain Section, Canadian Anesthesiologists' Society (2005 - 2007)
- Treasurer/Secretary, Regional Section, Canadian Anesthesiologists' Society (2002 - 2005)

PROFESSIONAL EDUCATION

- Postgraduate Diploma, University of Melbourne , Postgraduate Diploma in Perioperative and Critical Care Echocardiography - Anesthesia (2010)

- Board Certification, College of Physicians and Surgeons of British Columbia , Anesthesia (2001)
- Board Certification, Royal College of Physicians and Surgeons of Canada , Anesthesia (2000)
- Board Certification, Fellow of the Royal College of Physicians of Canada (FRCPC) , Anesthesia (2000)
- Board Certification, College of Physicians and Surgeons of Alberta , Anesthesia (2000)
- Residency, University of Alberta Hospital , Anesthesia (2000)
- Certificate, University of Alberta , Medical Acupuncture (1998)
- MD, Dalhousie University , Medicine (1995)
- MSc, Dalhousie University , Pharmacy (1991)
- BSc, Dalhousie University , Pharmacy (1987)
- BSc, Dalhousie University , Mathematics (1984)
- Diploma in Engineering, Dalhousie University , Engineering (1983)

PATENTS

- Chi-Ho Ban Tsui. "United States Patent 20080242975 Device and method for locating a cannula that is inserted into a body", Jun 9, 2010
- Chi-Ho Ban Tsui. "United States Patent 20090210029 Device and method to position a cannula for nerve block", Aug 20, 2009
- Chi-Ho Ban Tsui. "United States Patent 20080058757 Catheter Set for Epidural or Peripheral Nerve Blockade", Mar 6, 2008
- Chi-Ho Ban Tsui. "United States Patent 6190370 Devices, systems and methods for determining proper placement of epidural catheter location", Feb 20, 2001

Research & Scholarship

CLINICAL TRIALS

- Interscalene Brachial Plexus Block Washout to Reverse Inadvertent Phrenic Nerve Blockade, Recruiting
- Transnasal Humidified Rapid-Insufflation Ventilatory Exchange (THRIVE) Use in Pediatric Procedures, Recruiting
- Regional Anesthesia for Cardiothoracic Enhanced Recovery, Not Recruiting

Publications

PUBLICATIONS

- **Complications of Regional Anesthesia: Principles of Safe Practice in Local and Regional Anesthesia**
edited by Finucane, B., Tsui, B. C.
Springer.2017
- **Pediatric Atlas of Ultrasound and Nerve Stimulation-Guided Regional Anesthesia**
edited by Tsui, B. C., Suresh, S.
Springer.2015
- **Principles of Airway Management**
Finucane, B., Tsui, B. C., Santora, A.
Springer.2011
- **Atlas of Ultrasound and Nerve Stimulation-Guided Regional Anesthesia**
Tsui, B. C.
Springer.2007
- **Intermittent Bolus Injection Via Peripheral Nerve Catheters May Exceed Occlusion Pressure Limit of an Ambulatory Infusion Pump: An In Vitro Study.** *Regional anesthesia and pain medicine*
Tsui, J. H., Ma, W., Tsui, B. C.
; 42 (4): 538–39

- **Rectus sheath single-injection blocks: a study to quantify local anaesthetic absorption using serial ultrasound measurements and lidocaine serum concentrations.** *The Journal of pharmacy and pharmacology*
Primrose, M., Al Nebaihi, H., Brocks, D. R., Widder, S., Fairey, A., Tsui, B., Dillane, D., Green, J. S.
2019
- **De la necessite d'une evaluation plus rigoureuse de l'anesthésie régionale minimalement invasive et de l'utilisation croissante des blocs des plans interfasciaux.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Sondekoppam, R. V., Tsui, B. C.
2019
- **Erector spinae plane block for pediatric palliative care.** *Paediatric anaesthesia*
Baca, Q., Lin, C., O'Hare, K., Golianu, B., Tsui, B.
2019
- **Toward Opioid-Free Fast Track for Pediatric Congenital Cardiac Surgery.** *Journal of cardiothoracic and vascular anesthesia*
Esfahanian, M., Caruso, T. J., Lin, C., Kuan, C., Purkey, N. J., Maeda, K., Tsui, B. C.
2019
- **Practical Regional Anesthesia Guide for Elderly Patients.** *Drugs & aging*
Lin, C., Darling, C., Tsui, B. C.
2019
- **Transnasal Humidified Rapid Insufflation Ventilatory Exchange (THRIVE) augments oxygenation in children with cyanotic heart disease during microdirect laryngoscopy and bronchoscopy.** *Journal of clinical anesthesia*
Caruso, T. J., Sidell, D. R., Lennig, M., Menendez, M., Fonseca, A., Rodriguez, S. T., Tsui, B.
2019; 56: 53–54
- **Determination du positionnement d'un catheter peridural thoracique: la stimulation électrique peridurale (test de Tsui) est simple, efficace et sous-utilisée.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Kwofie, M. K., Launcelott, G., Tsui, B. C.
2019
- **Speeding the Detection of Vessel Cannulation: An In-Vitro Stimulation Study.** *Anesthesia and analgesia*
Muffly, M. K., Ku, A., Drover, D. R., Rodriguez, S., Caruso, T. J., Ku, A., Tsui, B. C.
2019
- **Cervical erector spinae plane block catheter for shoulder disarticulation surgery.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Hamadnalla, H., Elsharkawy, H., Shimada, T., Maheshwari, K., Esa, W. A., Tsui, B. C.
2019
- **In reply: Iliac crest bone graft donor site analgesia: a new indication for erector spinae plane block.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Tsui, B. C., Ip, V., Sondekoppam, R. V.
2018
- **Redéfinir les 3R (réduire, raffiner et remplacer) du développement durable pour minimiser l'impact sur l'environnement des agents anesthésiques inhalés.** *Canadian journal of anaesthesia = Journal canadien d'anesthésie*
Ozelsel, T. J., Sondekoppam, R. V., Ip, V. H., Tsui, B. C.
2018
- **Saphenous nerve block for medial foot surgery: Saphenous nerve beyond cutaneous sensory distribution.** *Journal of clinical anesthesia*
Darling, C. E., Hoffinger, S. A., Rodriguez, S., Tsui, B. C.
2018; 54: 160–61
- **Simulation-based ultrasound-guided regional anesthesia curriculum for anesthesiology residents.** *Korean journal of anesthesiology*
Kim, T. E., Tsui, B. C.
2018
- **Maximum Recommended Dosage of Ropivacaine and Bupivacaine for Pediatric Regional Anesthesia.** *Regional anesthesia and pain medicine*
Tsui, B. C., Boretsky, K., Berde, C.

2018; 43 (8): 895–96

- **Opioid-Free Ultra-Fast-Track On-Pump Coronary Artery Bypass Grafting Using Erector Spinae Plane Catheters.** *Journal of cardiothoracic and vascular anesthesia*
Chanowski, E. J., Horn, J., Boyd, J. H., Tsui, B. C., Brodt, J. L.
2018
- **The erector spinae plane (ESP) block: A pooled review of 242 cases.** *Journal of clinical anesthesia*
Tsui, B. C., Fonseca, A., Munshey, F., McFadyen, G., Caruso, T. J.
2018; 53: 29–34
- **Elevated Waste Anaesthetic Gas Concentration in the Paediatric Post-Anaesthesia Care Unit** *TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION*
Ozelsel, T., Kim, S., Buro, K., Tsui, B.
2018; 46 (5): 362-+
- **Programmed Intermittent Bolus Regimen for Erector Spinae Plane Blocks in Children: A Retrospective Review of a Single-Institution Experience.** *Anesthesia and analgesia*
Munshey, F., Caruso, T. J., Wang, E. Y., Tsui, B. C.
2018
- **The successful application of high flow nasal oxygen during microdirect laryngoscopy and bronchoscopy in patients under 7#kg.** *Journal of clinical anesthesia*
Caruso, T. J., Gupta, A., Sidell, D. R., Darling, C., Rodriguez, S., Fonseca, A., Tsui, B.
2018; 52: 27–28
- **A Novel and Simple Setup for Positioning the Lower Extremity Using Commonly Accessible Equipment.** *Regional anesthesia and pain medicine*
Lin, C., Munshey, F., Tsui, B. C.
2018; 43 (5): 561–62
- **A systematic approach to scoring bleeding risk in regional anesthesia procedures.** *Journal of clinical anesthesia*
Tsui, B. C.
2018; 49: 69–70
- **Early experience with PECS 1 block for Port-a-Cath insertion or removal in children at a single institution.** *Journal of clinical anesthesia*
Munshey, F., Ramamurthi, R. J., Tsui, B.
2018; 49: 63–64
- **Letter to the Editor: Early Consequences of Pectus Excavatum Surgery on Self-Esteem and General Quality of Life.** *World journal of surgery*
Darling, C., Chao, S., Ramamurthi, R., Tsui, B.
2018
- **Washing off local anaesthetic induced phrenic dysfunction following interscalene block.** *Journal of clinical anesthesia*
Tsui, B. C., Price, D.
2018; 49: 38–39
- **Continuing education: from FRCPC to ACGME fellowship** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Munshey, F., Tsui, B. H.
2018; 65 (5): 592–93
- **PECS 1 BLOCK FOR PORT-A-CATH INSERTION OR REMOVAL IN CHILDREN: A RETROSPECTIVE REVIEW**
Munshey, F., Ramamurthi, R. J., Tsui, B.
LIPPINCOTT WILLIAMS & WILKINS.2018: 550
- **THE INCIDENCE OF DESATURATION DURING MICROLARYNGOSCOPY AND BRONCHOSCOPY: A QUALITY CONTROL REVIEW**
Caruso, T., Tsui, B., Wang, E., Darling, C., Sidell, D.
LIPPINCOTT WILLIAMS & WILKINS.2018: 572
- **A RETROSPECTIVE COHORT STUDY OF PREDICTORS AND INTERVENTIONS THAT INFLUENCE COOPERATION WITH PEDIATRIC ANESTHESIA MASK INDUCTION**
Caruso, T., O'Connell, C., Wang, E., Rodriguez, S., Darling, C., Caruso, J., Tsui, B.

LIPPINCOTT WILLIAMS & WILKINS.2018: 502–3

- **Survey of medical students' knowledge and perceptions of anesthesiology at one Canadian university: pre-clerkship and during clinical clerkship, a cohort study** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Henschke, S. J., Robertson, E. M., Murtha, L., Tsui, B. H.
2018; 65 (3): 325–26
- **Ultrasound-guided lateral-medial transmuscular quadratus lumborum block for analgesia following anterior iliac crest bone graft harvesting: a clinical and anatomical study** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Sondekoppam, R. V., Ip, V., Johnston, D. F., Uppal, V., Johnson, M., Ganapathy, S., Tsui, B. H.
2018; 65 (2): 178–87
- **Successful directional thoracic erector spinae plane block after failed lumbar plexus block in hip joint and proximal femur surgery.** *Journal of clinical anesthesia*
Darling, C. E., Pun, S. Y., Caruso, T. J., Tsui, B. C.
2018; 49: 1–2
- **Cervical erector spinae plane block catheter using a thoracic approach: an alternative to brachial plexus blockade for forequarter amputation.** *Canadian journal of anaesthesia = Journal canadien d'anesthesie*
Tsui, B. C., Mohler, D., Caruso, T. J., Horn, J. L.
2018
- **Bilateral automatized intermittent bolus erector spinae plane analgesic blocks for sternotomy in a cardiac patient who underwent cardiopulmonary bypass: A new era of Cardiac Regional Anesthesia.** *Journal of clinical anesthesia*
Tsui, B. C., Navaratnam, M., Boltz, G., Maeda, K., Caruso, T. J.
2018; 48: 9–10
- **Continuous erector spinae plane block for an open pyeloplasty in an infant.** *Journal of clinical anesthesia*
Munshay, F., Rodriguez, S., Diaz, E., Tsui, B.
2018; 47: 47–49
- **The effect of an increased pulse width on the pattern of motor response (unilateral versus bilateral) during the Tsui test in labouring parturients: a randomized crossover trial** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Zakus, P., Bittencourt, R., Downey, K., Tsui, B. H., Carvalho, J. A.
2017; 64 (12): 1211–17
- **Coming of Age for "Green" Anesthesia The Leading Role of Regional Anesthesia** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Ozelsel, T., Sondekoppam, R. V., Ip, V. Y., Tsui, B. H.
2017; 42 (6): 799–800
- **Survival Analysis of Patients with Breast Cancer Undergoing a Modified Radical Mastectomy With or Without a Thoracic Paravertebral Block: a 5-Year Follow-up of a Randomized Controlled Trial** *ANTICANCER RESEARCH*
Karmakar, M., Samy, W., Lee, A., Li, J., Chan, W., Chen, P., Tsui, B. H.
2017; 37 (10): 5813–20
- **Practical dosing of propofol in morbidly obese patients** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Tsui, B. C., Murtha, L., Lemmens, H. J.
2017; 64 (5): 449-455
- **Lung Ultrasound for the Regional Anesthesiologist and Acute Pain Specialist** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Haskins, S. C., Tsui, B. C., Nejim, J. A., Wu, C. L., Boublik, J.
2017; 42 (3): 289-298
- **Proper use and interpretation of diaphragmatic ultrasonography** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Sondekoppam, R. V., Naik, L., Tsui, J., Tsui, B. C.
2017; 64 (5): 548-549
- **In Response.** *Anesthesia and analgesia*
Patel, R., Arzola, C., Petrounevitsh, V., Balki, M., Downey, K., Tsui, B. C., Carvalho, J. C.
2017; 124 (3): 1010-1011

- **Factors Associated With Risk of Neurologic Complications After Peripheral Nerve Blocks: A Systematic Review** *ANESTHESIA AND ANALGESIA*
Sondekoppam, R. V., Tsui, B. C.
2017; 124 (2): 645-660
- **Bedside Entertainment and Relaxation Theater: size and novelty does matter when using video distraction for perioperative pediatric anxiety.** *Paediatric anaesthesia*
Rodriguez, S., Caruso, T., Tsui, B.
2017; 27 (6): 668–69
- **Compressed air injection technique for Shamrock lumbar plexus block.** *European journal of anaesthesiology*
Tsui, B. C.
2017; 34 (9): 629–31
- **Pediatric estimating endotracheal tube "4-3-2-1": A mnemonic for an age-based endotracheal tube selection.** *Paediatric anaesthesia*
Tsui, J. H., Tsui, B. C.
2017; 27 (11): 1166–67
- **Peripheral Nerve Blockade** *Clinical Anesthesia*
Tsui, B. C., Rosenquist, R.
Lippincott Williams & Wilkins.2017; 8th
- **Local and Regional Anesthesia in the Elderly** *Complications of Regional Anesthesia: Principles of Safe Practice in Local and Regional Anesthesia*
Gragasin, F. S., Tsui, B. C.
Springer.2017; 3rd: 287–302
- **Nerve Injury Resulting from Intra-neural Injection When Performing Peripheral Nerve Block** *Complications of Regional Anesthesia: Principles of Safe Practice in Local and Regional Anesthesia*
Sondekoppam, R., Tsui, B. C.
Springer.2017; 3rd: 67–102
- **Catheter Taping Methods-Single-Layer Versus Reinforced Double-Layer Technique A Volunteer-Simulated Study** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Tsui, J. H., Murtha, L. W., Tsui, B. C.
2017; 42 (1): 128-130
- **"PQRST": the shamrock method for lumbar plexus blocks.** *Journal of clinical monitoring and computing*
Tsui, B. C.
2016: -?
- **Monitoring waste anesthetic gas in the pediatric postanesthesia care unit** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Kim, S., Ozelsel, T., Tsui, B. C.
2016; 63 (11): 1301-1302
- **Response Patterns to the Electric Stimulation of Epidural Catheters in Pregnant Women: A Randomized Controlled Trial of Uniport Versus Multiport Catheters** *ANESTHESIA AND ANALGESIA*
Patel, R., Arzola, C., Petrounevitch, V., Balki, M., Downey, K., Tsui, B. C., Carvalho, J. C.
2016; 123 (4): 950-954
- **An ultrasound-guided ABCDE approach with a sniff test to evaluate diaphragmatic function without acoustic windows** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Naik, L. Y., Sondekoppam, R. V., Tsui, J. J., Tsui, B. C.
2016; 63 (10): 1199-1200
- **Postoperative environmental anesthetic vapour concentrations following removal of the airway device in the operating room versus the postanesthesia care unit** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Cheung, S. K., Ozelsel, T., Rashiq, S., Tsui, B. C.
2016; 63 (9): 1016-1021
- **ABC Diaphragmatic Evaluation for neonates** *PEDIATRIC ANESTHESIA*
Tsui, B. C., Tsui, J.

2016; 26 (7): 768-769

- **Narrowing the blockade field: development of an optimal postoperative analgesia regimen for total knee arthroplasty** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Tsui, B. C.
2016; 63 (5): 524-528
- **A novel systematic ABC approach to Diaphragmatic Evaluation (ABCDE)** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Tsui, J. J., Tsui, B. C.
2016; 63 (5): 636-637
- **The Second American Society of Regional Anesthesia and Pain Medicine Evidence-Based Medicine Assessment of Ultrasound-Guided Regional Anesthesia: Executive Summary.** *Regional anesthesia and pain medicine*
Neal, J. M., Brull, R., Horn, J., Liu, S. S., McCartney, C. J., Perlas, A., Salinas, F. V., Tsui, B. C.
2016; 41 (2): 181-194
- **Evidence for the Use of Ultrasound Imaging in Pediatric Regional Anesthesia A Systematic Review** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Lam, D. K., Corry, G. N., Tsui, B. C.
2016; 41 (2): 229-241
- **A closed-circuit anesthesia ventilator facilitates significant reduction in sevoflurane consumption in clinical practice** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Oezelsel, T., Kim, S. H., Rashedi, S., Tsui, B. C.
2015; 62 (12): 1348-1349
- **Use of a nerve stimulator to assist cricothyroid membrane puncture during difficult airway topicalization** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Green, J. S., Tsui, B. C.
2015; 62 (10): 1126-1127
- **Analysis of the number of publications by Canadian anesthesiology departments from 2000-2013** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Lam, D. K., Tsui, B. C.
2015; 62 (9): 1021-1022
- **Generation of tidal volume via gentle chest pressure in children over one year old** *RESUSCITATION*
Tsui, B. C., Horne, S., Tsui, J., Corry, G. N.
2015; 92: 148-153
- **Use of Intralipid(A (R)) in managing refractory hypotension following epidural blockade** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Tsui, B. C., Cheung, S. S., Ziwenga, O., Gragasian, F. S.
2015; 62 (5): 548-549
- **Benefits of the Costoclavicular Space for Ultrasound-Guided Infraclavicular Brachial Plexus Block Description of a Costoclavicular Approach** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Karmakar, M. K., Sala-Blanch, X., Songthamwat, B., Tsui, B. C.
2015; 40 (3): 287-288
- **Survey of pre-clerkship medical students' knowledge and perceptions of anesthesiology at one Canadian university** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Robertson, E. M., Henschke, S. J., Friesen, J., Tsui, B. C.
2015; 62 (5): 550-552
- **Lidocaine infusion for continuous interscalene nerve block: Is there evidence for local and systemic benefits?** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Ip, V. H., Tsui, B. C.
2015; 62 (3): 321-322
- **Low-dose intrathecal local anesthetic does not increase the threshold current for the epidural stimulation test: a prospective observational trial of neuraxial analgesia in labouring women** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Carvalho, J. C., Khemka, R., Loke, J., Tsui, B. C.

2015; 62 (3): 265-270

- **A reply. *Anaesthesia***
Tsui, B. C.
2014; 69 (11): 1289-1290
- **Alcohol Swabs as "Cold Test" in a Measure of Temperature Sensation in the Skin** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
Tsui, B. C., Ma, L., Cheung, S. S., Ozelsel, T.
2014; 39 (6): 561-562
- **Reversal of high spinal anesthesia with cerebrospinal lavage after inadvertent intrathecal injection of local anesthetic in an obstetric patient** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Ting, H. Y., Tsui, B. C.
2014; 61 (11): 1004-1007
- **Ultrasound-guided rectus sheath catheter placement** *ANAESTHESIA*
Tsui, B. C., Green, J. S., Ip, V. H.
2014; 69 (10): 1174-1175
- **Regional anesthesia for pectoralis major tendon repair** *CANADIAN JOURNAL OF ANESTHESIA-JOURNAL CANADIEN D ANESTHESIE*
Ting, H. Y., Bergman, J. W., Tsui, B. C.
2014; 61 (10): 965-966
- **Common sense medicine and cerebrospinal lavage** *ANAESTHESIA*
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