



#### Editor in Chief

Brian D Sites (NH)

#### Associate Editor-in-Chief for Statistics

Matthew A Davis (MI)

#### Executive Editors

Charles Berde (MA)  
Asokumar Buvanendran (IL)  
Steven P Cohen (MD)  
Spencer S Liu (NY)  
De Q H Tran (Canada)  
Marc Van de Velde (Belgium)  
Christopher L Wu (NY)

#### Editorial Office

BMJ Publishing Group Ltd, BMA House,  
Tavistock Square, London WC1H 9JR, UK  
T: +1 919 650 1459  
F: +44 (0)20 7383 6668  
E: [info.rapm@bmj.com](mailto:info.rapm@bmj.com)

Impact factor: 7.015

**Disclaimer:** The Editor of *Regional Anesthesia and Pain Medicine* has been granted editorial freedom and *Regional Anesthesia and Pain Medicine* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *Regional Anesthesia and Pain Medicine* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *Regional Anesthesia and Pain Medicine* does not imply endorsement. Neither American Society of *Regional Anesthesia & Pain Medicine* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage whatsoever arising from *Regional Anesthesia and Pain Medicine* (except for liability which cannot be legally excluded).

**Copyright:** © 2020 American Society of Regional Anesthesia and Pain Medicine. All rights reserved; no part of this publication may be reproduced in any form without permission of *Regional Anesthesia and Pain Medicine*.

*Regional Anesthesia and Pain Medicine* is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper.

*Regional Anesthesia & Pain Medicine* ISSN 1472-0205 (USPS 580 990), BMA House, Tavistock Square, London WC1H 9JR, UK. The US annual subscription price is \$578.

Airfreight and mailing in the USA by agent named Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US POSTMASTER: Send address changes to *Regional Anesthesia & Pain Medicine*, Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Subscription records are maintained at BMJ Publishing Group Ltd, 12th Floor, Southgate House, Wood Street, Cardiff, CF10 1GH, Wales. Air Business Ltd is acting as our mailing agent.

### Regional anesthesia and acute pain

- 847** Opioid use among veterans undergoing major joint surgery managed by a multidisciplinary transitional pain service  
*M J Buys, K Bayless, J Romesser, Z Anderson, S Patel, C Zhang, A P Presson, B S Brooke*



- 853** Cadaveric study identifying clinical sonoanatomy for proximal and distal approaches of ultrasound-guided intercostobrachial nerve block  
*A Samerchua, P Leurcharusmee, K Panjasawatwong, K Pansuan, P Mahakkeanukerauh*

- 860** Impact of video games on ultrasound-guided regional anesthesia skills  
*A Shaqat, S Mukarram, N M Bedforth, J G Hardman, R A McCahon*

- 866** Distribution of injectate administered through a catheter inserted by three different approaches to ultrasound-guided thoracic paravertebral block: a prospective observational study  
*S Termornlert, S Sakura, Y Aoyama, A Wittayapairoj, K Kishimoto, Y Saito*

- 872** Analgesic efficacy of infiltration between the popliteal artery and capsule of the knee (iPACK) block added to local infiltration analgesia and continuous adductor canal block after total knee arthroplasty: a randomized clinical trial  
*C Vichainarong, W Kampitak, A Tanavalee, S Ngarmukos, N Songhorassamee*

### Brief technical report

- 880** Images in anesthesiology: three safe, simple, and inexpensive methods to administer the sphenopalatine ganglion block  
*D Levin, S Cohen*

### Chronic and interventional pain

- 883** Explant rates of electrical neuromodulation devices in 1177 patients in a single center over an 11-year period  
*A Al-Kaisy, J Royds, O Al-Kaisy, S Palmisani, D Pang, T Smith, N Padfield, S Harris, S Wesley, T L Yearwood, S Ward*
- 891** Pocket pain, does location matter: a single-centre retrospective study of patients implanted with a spinal cord stimulator  
*G Baranidharan, B Bretherton, G Richert, T Kay, N Marsh, B Roberts, C Romanis*
- 898** Evaluation of nerve capture using classical landmarks for genicular nerve radiofrequency ablation: 3D cadaveric study  
*J Tran, P Peng, A Agur*
- 907** Role of peripheral sensory neuron mu-opioid receptors in nociceptive, inflammatory, and neuropathic pain  
*A Barpujari, N Ford, S-Q He, Q Huang, C Gaveniaux-Ruff, X Dong, Y Guan, S Raja*

### Research reports

- 917** Medical cannabis attitudes and beliefs among pain physicians  
*S Narouze, S M Hakim, L Kohan, D Adams, D Souza*

**MORE CONTENTS ►**



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



This article has been made freely available online under the BMJ Journals open access scheme. See <http://authors.bmj.com/open-access>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

[www.publicationethics.org.uk](http://www.publicationethics.org.uk)



**920** Gender composition of speakers at two annual pain medicine meetings: a cross-sectional study  
*R N Moman, S M Moeschler, A CS Pearson, W M Hooten*

**922** Making the case for a procedure-specific definition of chronic postoperative opioid use  
*M Tamboli, E R Mariano, K El-Boghdadly, N M Elkassabany, A Kou, P Chung, S C Mudumbai*

---

### Pediatric analgesia

**924** Caudal analgesia versus abdominal wall blocks for pediatric genitourinary surgery: systematic review and meta-analysis  
*N Desai, E Chan, K El-Boghdadly, E Albrecht*

---

### Daring discourse

**934** Spinal versus general anesthesia for outpatient joint arthroplasty: can the evidence keep up with the patients?  
*E S Schwenk, R L Johnson*

---

### Letters

**937** Hybrid anesthesia for fractured neck of femur surgery using intrathecal prilocaine  
*M Gorecha, K Dasgupta, A Galhoum, P Gupta, V Trivedi, G Nandhara*

**937** Systematic sonographic and evoked motor identification of the nerve to vastus medialis during adductor canal block  
*J Dooley, W M Bullock, A H Kumar, D B MacLeod, J Gadsden*

**938** Might complications of analgesic regimen affect cognitive assessment and how to diagnose POCD?  
*Z Sungur, M Şentürk*

**939** Response to 'Might complications of analgesic regimen affect cognitive assessment and how to diagnose POCD?' by Sungur and Senturk  
*G Kristek, I Rados, D Kristek, L Kapural, N Neskovic, S Skiljic, V Horvat, S Mandic, I Harsanji-Drenjancevic*

**939** Point of care ultrasound: worthy endeavor for every perioperative anesthesiologist  
*B C H Tsui*

**940** Erector spinae plane and paravertebral blocks have similar opioid-sparing effects following breast surgery  
*K J Chin*

**941** Response to: 'erector spinae plane and paravertebral blocks have similar opioid-sparing effects following breast surgery'  
*B M Ifeld, M C Donohue, M W Swisher*

---

### Electronic page

**e3** Correction: *Analgesic efficacy of cannabinoids for acute pain management after surgery: a systematic review and meta-analysis*