



#### Editor in Chief

Brian D Sites (NH)

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

Matthew A Davis (MI)

#### Executive Editors

Chad M Brummett (MI)

Asokumar Buvaendran (IL)

Xavier Capdevila (France)

Steven P Cohen (MD)

Yun Guan (MD)

Spencer S Liu (NY)

Stavros Memtsoudis (NY)

Anahi Perlas (Canada)

De Q H Tran (Canada)

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: 5.113

**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 howsoever 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.

*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.

### Chronic and interventional pain

**323** Serotonin–norepinephrine reuptake inhibitors for the prevention of migraine and vestibular migraine: a systematic review and meta-analysis  
*F Wang, J Wang, Y Cao, Z Xu*

**331** Long-term incidence of chronic postsurgical pain after thoracic surgery for lung cancer: a 10-year single-center retrospective study  
*S Yoon, W-P Hong, H Joo, H Kim, S Park, J-H Bahk, H-J Lee*

**337** Analysis of judicial precedent cases regarding epidural injection in chronic pain management in Republic of Korea  
*S I Cho, SH Shin, H Jung, J Y Moon, H-J Lee*

### Regional anesthesia and acute pain

**344** High definition ultrasound imaging of the individual elements of the brachial plexus above the clavicle  
*M K Karmakar, J Pakpirom, B Songthamwat, P Areeeruk*

**351** Multicenter longitudinal cross-sectional study comparing effectiveness of serratus anterior plane, paravertebral and thoracic epidural for the analgesia of multiple rib fractures  
*L Beard, C Hillermann, E Beard, S Millerchip, R Sachdeva, F Gao Smith, T Veenith*

**357** Lack of July effect in the utilization of neuraxial and peripheral nerve block in US teaching hospitals: a retrospective analysis  
*S J Kim, L Wilson, J Liu, D H Kim, M Fiasconaro, J Poeran, C Freeman, J Beathe, S Memtsoudis*

**362** Comparison of the effectiveness of circumferential versus non-circumferential spread in median and ulnar nerve blocks. A double-blind randomized clinical trial  
*P Dieguez-Garcia, S Lopez-Alvarez, J Juncal, A M Lopez, X Sala-Blanch*

**367** HYR-PB21-LA, a potential extended-release bupivacaine formulation, produces long-lasting local anesthesia in rats and guinea pigs  
*J Peng, C Liu, J Liu, Y Wang, X Lu, H Sun, Y Yu, S Gao, S Zhang*

### Obstetric analgesia

**373** Postdural puncture headache in the obstetric population: a new approach?  
*J Xavier, S Pinho, J Silva, C S Nunes, H Cabido, R Fortuna, R Araújo, P Lemos, H Machado*

### Daring discourse

**377** Intertruncal approach to the supraclavicular brachial plexus, current controversies and technical update: a daring discourse  
*U Siddiqui, A Perlas, K Chin, M A Reina, X Sala-Blanch, A Niazi, V Chan*

### Brief technical reports

**381** Microbiological and scanning electron microscopic evaluation of epidural catheters  
*G van Samkar, P P S Balraadsing, H Hermanns, I V Hoogendijk, M W Hollmann, S A J Zaat, M F Stevens*

MORE CONTENTS ►



EDITOR'S CHOICE



OPEN ACCESS

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>



Member since 2008  
JM0025

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)



When you have finished with this please recycle it

- 386** A cadaveric study of the erector spinae plane block in a neonatal sample  
*S Govender, D Mohr, A Bosenberg, A N Van Schoor*
- 

### Letters

- 390** Letter to the editor for the article titled 'Analgesic efficacy and impact of caudal block on surgical complications of hypospadias repair: a systematic review and meta-analysis'  
*Y Ren, W Shi, C Niu, X Zheng*
- 390** Response to the letter from Dr Yifeng Ren *et al*  
*C Zhu, S Zhang*
- 391** Letter to the editor for article titled pectoral nerve blocks and postoperative pain outcomes after mastectomy: meta-analysis of randomized controlled trials  
*W Shi, Y Ren, X Zheng, H Yu*
- 392** In reply to Shi *et al*  
*M C Kendall, G S De Oliveira*
- 393** Revisiting the anatomical evidence supporting the classical landmark of genicular nerve ablation  
*J Tran, A Agur, P Peng*
- 394** Increasing patient safety during adductor canal block  
*D L Hamilton*
- 394** Quadratus lumborum block for elective cesarean section: simpler approach may gain more acceptance  
*R Atkins*
- 395** Fascia transversalis plane block for elective cesarean section: simpler but not necessarily better  
*C Hansen, M Dam, B Moriggl, T F Bendtsen, J Børglum*