



Editor in Chief

Brian D Sites (USA)

Associate Editor-in-Chief for Statistics

Matthew A Davis (USA)

Executive Editors

Chad M Brummett (USA)
Asokumar Buvanendran (USA)
Xavier Capdevila (France)
Steven P Cohen (USA)
Yun Guan (USA)
Spencer S Liu (USA)
Stavros Memtsoudis (USA)
Anahi Perlas (Canada)
De Q H Tran (Canada)
Christopher L Wu (USA)

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

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 howsoever arising from *Regional Anesthesia and Pain Medicine* (except for liability which cannot be legally excluded).

Copyright: © 2021 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 World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US POSTMASTER: Send address changes to *Regional Anesthesia & Pain Medicine*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, 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.

Contents

Volume 46 Issue 8 | RAPM August 2021

Editor's note

- 641 Editor's perspective on quality improvement research
B D Sites, C Wu

Special article

- 643 Measuring and publishing quality improvement
G Ogrinc



Regional anesthesia and acute pain

- 650 Effect of preoperative cannabis use on perioperative outcomes: a retrospective cohort study
B H Zhang, H Saud, N Sengupta, M Chen, D Bakshi, L Richardson, L Wang, H Shanthanna

- 657 Obturator nerve block does not provide analgesic benefits in total hip arthroplasty under multimodal analgesic regimen: a randomized controlled trial

P Marty, C Chassery, O Rontes, C Vuillaume, B Basset, M Merouani, C Marquis, A Delussy, M-C Delbos, F Ferre, B Bataille, G Joshi, A Delbos

- 663 Hospital safety-net burden is associated with increased inpatient mortality after elective total knee arthroplasty: a retrospective multistate review, 2007–2018

D C Kelleher, R Lippell, B Lui, X Ma, T Tedore, R Weinberg, R S White

- 671 Efficacy of parasternal block to decrease intraoperative opioid use in coronary artery bypass surgery via sternotomy: a randomized controlled trial

S Bloc, B P Perot, H Gibert, J-D Law Koune, Y Burg, D Leclerc, A-S Vuitton, C De La Jonquière, M Luka, T Waldmann, N Vistarini, S Aubert, M M Ménager, M Merzoug, C Naudin, P Squara

- 679 MRI and muscle enzymes do not support the diagnosis of local anesthetic myotoxicity: a descriptive case series
L Mahyar, J M Neal, C C Blackmore, D W Jackson, N A Hanson, K M MacDonald, D Warren, P J Verdin

Infographic

- 656 Effect of self-reported cannabis use on postoperative outcomes: a propensity matched cohort analysis of non-cardiac surgery patients

H Shanthanna, B H Zhang, H Saud, N Sengupta, M Chen, D Bakshi, L Richardson, L Wang

Chronic and interventional pain

- 683 Prospective, randomized, multicenter study of intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: 12-month results

M Smuck, J Khalil, K Barrette, J A Hirsch, S Kreiner, T Koreckij, S Garfin, N Mekhail, INTRACEPT Trial Investigators

- 694 Comparison of Touhy and Quincke needles on intravascular injection rate in lumbar transforaminal epidural block: a randomized prospective trial

H Soh, Y Jeong, E D Kim

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



Basic science

- 699** Anatomy of the thoracic paravertebral space: 3D micro-CT findings and their clinical implications for nerve blockade
T-H Cho, S H Kim, J O, H-J Kwon, K W Kim, H-M Yang

Reviews

- 704** Efficacy of perineural versus intravenous dexmedetomidine as a peripheral nerve block adjunct: a systematic review
N Hussain, C M Brummett, R Brull, Y Alghothani, K Moran, T Sawyer, F W Abdallah
- 713** Does the addition of iPACK to adductor canal block in the presence or absence of periarticular local anesthetic infiltration improve analgesic and functional outcomes following total knee arthroplasty? A systematic review and meta-analysis
N Hussain, R Brull, B Sheehy, M Dasu, T Weaver, F W Abdallah

Brief technical report

- 722** Ultrasound-guided regional anesthesia: feasibility and effectiveness of teaching via telesimulation in Ethiopia
M Liu, M Salmon, R Zaidi, A Nagdev, F Debebe, M F Muller, C F Ruhangaza, H Emiru, Y Belachew, A Tumebo, M Paoletti, A Okrainec, V Chan, A U Niazi

Daring discourse

- 727** Making a business plan for starting a transitional pain service within the US healthcare system
E C Sun, E R Mariano, S Narouze, R A Gabriel, H Elsharkawy, P Gulur, S K Merrick, T K Harrison, J D Clark

Case report

- 732** Stellate ganglion block used to treat reversible cerebral vasoconstriction syndrome
J Davis, M S Ozcan, J K Kamdar, M Shoaib

Research report

- 735** Cooled radiofrequency ablation of the genicular nerves for treatment of chronic knee pain
Y Eshraghi, R Khan, O Said, C Velasco, M Guirguis

Letters

- 738** Factors associated with academic rank among chronic pain medicine faculty, beyond the individual
T Mukhdomi, J Mukhdomi
- 738** Promotion in academic pain medicine
V Orhurhu, D Hao, M S Orhurhu, S P Cohen
- 739** Further investigation of explant rates of electrical neuromodulation devices
T Mukhdomi, M Harris
- 739** Explant rates of neuromodulation devices: supplemental information—reply to Mukhdomi and Harris
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
- 740** Letter to the editor: head-mounted display for regional anesthesia
S Hughey, J Cole, G Booth, J Longwell
- 741** Re: Ultrasound-guided bilateral rectus sheath block with and without dexmedetomidine in pediatric umbilical hernia repairs: a retrospective interrupted time series analysis
M Visoiu
- 741** Response to Dr Visoiu concerning 'ultrasound-guided bilateral rectus sheath block with and without dexmedetomidine in pediatric umbilical hernia repairs: a retrospective interrupted time series analysis'
C J Hartzell, J B Long, T Austin