

#### **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: 6.288

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: © 2022 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 Amnetight and maining in the USA by agent amed 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.

## **Brief technical report**

151 Ø

Evaluation of language analysis to summarize the literature: a comparison to traditional meta-analysis in primary hip and knee surgery I Myszewski, E Klossowski, K M Schroeder

# Regional anesthesia and acute pain

Preoperative pericapsular nerve group (PENG) block for total hip arthroplasty: a randomized, placebo-controlled trial

J Zheng, D Pan, B Zheng, X Ruan

Identification of biological risk factors for persistent postoperative pain after total knee arthroplasty

> A Sideris, M-A Malahias, G Birch, H Zhong, V Rotundo, B J Like, M Otero, P K Sculco, M Kirksev

Effect of superior trunk block on diaphragm function and respiratory parameters after shoulder surgery

C Robles, N Berardone, S Orebaugh

# **Chronic and interventional pain**

Comparison of contralateral oblique view with the lateral view for fluoroscopic-guided cervical epidural steroid injection: a randomized clinical

> J-H Sim, H-J Kwon, C-S Kim, E H Kim, D-H Kim, S-S Choi, J-W Shin

177 Diagnostic treatment-level discrepancies in patients with lumbosacral radicular pain and lumbar spine anomalies

> B Liebrand, K Brakel, A Boon, W van der Weegen, Selina van der Wal, K CP Vissers

#### Review

183 Efficacy of topical cannabinoids in the management of pain: a systematic review and meta-analysis of animal studies

LD Linde, CM Ogryzlo, CM Choles, BE Cairns, ILK Kramer

## **Research reports**

- Preliminary analysis of factors affecting publication of abstracts presented during the 2017 American Society of Regional Anesthesia and Pain Medicine spring annual meeting M R Rasouli, S Maty, E R Mariano, K Jaremko, A Kou, S G Memtsoudis, N M Elkassabany, E S Schwenk
- 194 Mean plasma bupivacaine concentrations following pectoral nerve blocks (PECS II) JD Turner, KT Cortese, ST Kim, ZL McKee, D Jaffe, D S Henshaw, S W Dobson, R Weller, C J Edwards, J W Reynolds, G Russell

### Letters

- 197 Combining femoral triangle block with infiltration between the popliteal artery and capsule of the posterior knee in anterior cruciate ligament reconstruction P Bhakta, K Dasgupta, S Chaudhry, B O'Brien
- 197 Response to comment on: the combination of femoral triangle block and infiltration between the popliteal artery and the capsule of the posterior knee (iPACK) versus local infiltration analgesia for analgesia after anterior cruciate ligament reconstruction: a randomized, controlled, triple-blinded trial E Albrecht, R Martin, K Kirkham
- 198 Letter to the editor in response to the recent publication: randomized comparison between pericapsular nerve group (PENG) block and suprainguinal fascia iliaca block for total hip arthroplasty B Brown, D-Y Lin, C Morrison, R Jaarsma
- 199 Reply to Brown et al

J Aliste, S Layera, D Bravo, Á Jara, G Muñoz, C Barrientos, R Wulf, J Brañes, R J Finlayson, D Q Tran

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



- 200 Defining the optimal spread of local anesthetic during pericapsular nerve group (PENG) block may help to avoid short-term motor block (reply to Aliste *et al*) *G Pascarella, F Costa, R Del Buono, A Strumia, R Cataldo, F E Agrò, M Carassiti*
- 201 Reply to Dr Pascarella and colleagues

  J Aliste, S Layera, D Bravo, Á Jara, G Muñoz,
  C Barrientos, R Wulf, J Brañes, R J Finlayson,
  D Q Tran
- **201** IPACK and genicular nerves block: which nerves are we targeting?

M P Sebastian, S L Dsouza, O Aranburu Uriarte

**202** Proposal of a clinical approach to perioperative visceral pain

A Rocha-Romero, M Ascensio-Mercado, E Yamak Altinpulluk, P Oliver-Fornies, K Espinoza, C Salazar, M S Olea, N Roque-Gómez, A S Teles, R Aguilar-Ureña, M Fajardo Perez

- **203** Serratus blocks: clinical applications ought to be based on sensory coverage *M S Raghuraman*
- 204 In reply to 'serratus blocks: clinical applications ought to be based on sensory coverage'

  R A Gabriel, B M Ilfeld