



Editor in Chief

Marc A Huntoon (VA)

Associate Editor-in-Chief for Regional Anesthesia

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: +44 (0)20 7383 6909

F: +44 (0)20 7383 6668

E: info.rapm@bmj.com

Impact factor: 5.11

Disclaimer: RAPM is owned by the American Society of Regional Anesthesia and Pain Medicine, which grants editorial freedom to the Editor.

Regional Anesthesia and Pain Medicine follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Regional Anesthesia and Pain Medicine is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of RAPM or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2019 American Society of Regional Anesthesia and Pain Medicine. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior 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), is published monthly by BMJ Publishing Group Ltd, 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.

Contents

Volume 44 Issue 8 | **RAPM** August 2019

Editorial

- 771** Ultrasound-guided superior cluneal nerves block: raising the bar
P Cornish

Regional anesthesia and acute pain

- 772** Randomized trial of ultrasound-guided superior cluneal nerve block
T D Nielsen, B Moriggl, J Barckman, J M Jensen, J A Kolsen-Petersen, K Søballe, J Børglum, T F Bendtsen

- 781** Antihyperalgesia effect of AMP-activated protein kinase (AMPK) activators in a mouse model of postoperative pain
V Das, J S Kroin, M Moric, R J McCarthy, A Buvanendran

- 787** Effect of early versus delayed activation of thoracic epidural anesthesia on plasma pro-atrial natriuretic peptide to indicate deviations in central blood volume during esophagectomy
R B Strandby, R Ambrus, M P Achiam, J P Goetze, N H Secher, L B Svendsen

- 793** Correlation between gestational age and level of sensory block in spinal anesthesia
H Kim

- 796** Music versus midazolam during preoperative nerve block placements: a prospective randomized controlled study
V Graff, L Cai, I Badiola, N M Elkassabany

Brief technical reports

- 800** Randomized comparison between epidural waveform analysis through the needle versus the catheter for thoracic epidural blocks
A Tangjitbampenbun, S Layera, V Aruntasupakul, W Apinyachon, K Venegas, J Godoy, J Aliste, D Bravo, A Blanch, J Webar, M Saadawi, A Owen, R J Finlayson, D Q Tran

- 805** Enhanced needle visibility by microbubbles generated with negative pressure using an in-plane technique
Y Liu, X Sun, W Qian, W Liu, W Mei

Chronic and interventional pain

- 809** Trends in steroid agent and diluent choices for epidural steroid injections: a survey of Spine Intervention Society physicians
N Clements, D Vydra, D M Cushman, A Nagpal, J Julia, P Zheng, Z L McCormick

Letters to the Editor

- 814** Response to Dr Mion: ketamine for acute pain management
S P Cohen, E S Schwenk

- 814** Ultrasound-guided selective block of the medial brachial cutaneous and the intercostobrachial nerves for proximal arteriovenous fistula surgery
V M Varela, C A Ruiz, S Montecinos, X Sala-Blanch

- 815** Ultrasound-guided suprainguinal fascia iliaca compartment block versus periarticular infiltration for pain management after total hip arthroplasty: a randomized controlled trial
K Vermeylen, I Leunen

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>

C O P E

Member since 2008
JMI0025

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

www.publicationethics.org.uk

equator
network

recycle
When you have finished
with this please recycle it

- 816** Response to the letter to the editor by Vermeylen and Leunen concerning "Ultrasound-guided suprainguinal fascia iliaca compartment block versus periarticular infiltration for pain management after total hip arthroplasty: a randomized controlled trial"
I Gasanova, J C Alexander, K Estrera, J Wells, M Sunna, A Minhajuddin, G Joshi
- 817** Problem with the Pecs II block: the long thoracic nerve is collateral damage
B Miller, A Pawa, E Mariano
- 818** What should we call 'adductor canal'?
P J Moyano, F G Mileo
- 818** Reply to Mileo *et al*
A W Meier, D B Auyong, S C Yuan, S-E Lin, J M Flaherty, N A Hanson
-
- Miscellaneous**
- 820** Correction: *Cervical plexus and greater occipital nerve blocks: controversies and technique update*
-
- Scientific Abstracts and ePosters**
- 821** ASRA 44th Annual Regional Anesthesiology and Acute Pain Medicine Meeting