

Jin Liu, West China Hospital of Sichuan University, China Tian-Long Wang, Xuan Wu Hospital of Capital Medical University, China

ASSOCIATE EDITORS-IN-CHIEF

Keith Candiotti, University of Miami, USA Qu-Lian Guo, Xiangya Hospital, Central South University, China Li-Ze Xiong, Xijing Hospital, the Fourth Military Medical University, China Fu-Shan Xue, Plastic Surgery Hospital, Chinese Academy of Medical Sciences and

Peking Union Medical College, China Wei-Feng Yu, Renji Hospital, Shanghai Jiaotong University School of Medicine, China Jun-Ming Zhang, University of Cincinnati College of Medicine, USA Zhi-Yi Zuo, University of Virginia, USA

MANAGING EDITOR

An-Huai Yu, JAPM Editorial Office, China

EDITORIAL BOARD

Jun-Li Cao, Xuzhou Medical College, China Guo Chen, West China Hospital of Sichuan University, China Xiang-Dong Chen, Union Hospital of Tongji Medical College, Huazhong University of Science and Technology, China
Chan Chen, West China Hospital of Sichuan University, China
Hai-Chen Chu, the Affiliated Hospital, Qingdao University, China

Xiao-Ming Deng, Changhai Hospital, the Second Military Medical University, China Hai-Long Dong, Xijing Hospital, the Fourth Military Medical University, China Xiang-Ming Fang, Zhejiang University, China

Adrian W Gelb, University of California San Francisco, USA Zheng Guo, Shanxi Medical University, China Zi-Qing Hei, the Third Affiliated Hospital of Sun Yat-sen University, China Philip Hess, Beth Israel Deaconess Medical Center, USA

Jeffrey Huang, Anesthesiologists of Greater Orlando, USA

Chang-Sheng Huang, Xiangya Hospital of Central South University, China Jia-Peng Huang, University of Louisville, Jewish Hospital, USA Michael G. Irwin, the University of Hong Kong, Hongkong, China Bo-Wen Ke, West China Hospital of Sichuan University, China

Chingmuh Lee, University of California, USA Yun-Ping Li, Beth Israel Deaconess Medical Center, USA

Nun-Ping Li, Beth Israel Deaconess Medical Center, OSA
Wen-Zhi Li, the Second Affiliated Hospital of Harbin Medical University, China
Henry Liu, Drexel University College of Medicine, USA
Hong Liu, University of California Davis Health, USA
Ke-Xuan Liu, Nanfang Hospital, Southern Medical University, China
Kai-Zhi Lu, Southwest Hospital, the Third Military Medical University, China

Jie Luo, the First Affiliated Hospital of Chongqing Medical University, China Carl Lynch III, University of Virginia Health System, USA Hong Ma, the First Hospital of China Medical University, China Jun Ma, Beijing Anzhen Hospital, Capital Medical University, China

Jun Na, beijing Angnen Hospital, Capital Medical Ombersity, China
Zheng-Liang Ma, Drum Tower Hospital, Nanjing University, China
Daqing Ma, Imperial College London, United Kingdom
Wei Mei, Tongii Hospital, Huazhong University of Science and Technology, China
Wei-Dong Mi, Chinese PLA General Hospital, China

Chang-Hong Miao, Fudan University Shanghai Cancer Center, China Su Min, the First Affiliated Hospital of Chongqing Medical University, China Dong-Liang Mu, Peking University First Hospital, China

Yang-Wen Ou, the Third Xiangya Hospital, Central South University, China Xavier Paqueron, Clinical Centre in Angoulême, France

Paolo Pelosi, University of Genova, Italy Li-Hua Peng, the First Affiliated Hospital of Chongging Medical University, China Donald S. Prough, University of Texas Medical Branch, USA

Donald S. Prough, University of Iexas Medical Branch, USA
Jacob Raphael, University of Virginia Health System, USA
Norbert Roewer, University Hospital of Wuerzburg, Germany
Xiao-Feng Shen, Nanjing Maternity and Child Health Care Hospital, China
Xue-Yin Shi, Xinhua Hospital, Shanghai Jiaotong University, China
Jian-Zhong Sun, Thomas Jefferson University, USA
Christer H Svensen, Karolinska Institutet, Sweden
Walke Too, University of Taxas Syuthwestern Medical Center USA

Weike Tao, University of Texas Southwestern Medical Center, USA Niccolò Terrando, Duke University, USA

Niccolo Terramon, Dinke Oniversity, USA
Hong Wang, West Virginia University, USA
Ru-Rong Wang, West China Hospital of Sichuan University, China
Dong-Xin Wang, Peking University First Hospital, China
Guo-Lin Wang, Tanjin Medical University General Hospital, China

Ting-Hua Wang, Sichuan University, China

Yun Wang, Beijing Chaoyang Hospital, Capital Medical University, China Qiang Wang, the First Affiliated Hospital of Xi' an Jiaotong University, China

Ling Wei, Emory University School of Medicine, USA

Robert Whittington, Columbia University, USA David T. Wong, Toronto Western Hospital, University of Toronto, Canada Zhong-Yuan Xia, Renmin Hospital of Wuhan University, China

Hong-Bing Xiang, Tongji Hospital, Huazhong University of Science and Technolo-

gy, China Wei Xiao, Xuan Wu Hospital of Capital Medical University, China Zhong-Cong Xie, Massachusetts General Hospital and Harvard Medical School, USA Min Yan, the Second Affiliated Hospital, Zhejiang University, China Jian-Jun Yang, Zhongda Hospital, Southeast University, China Huang-Ping Yu, Chang Gung Memorial Hospital, Taiwan, China Zhang-Sheng Yu, Indiana University School of Medicine, USA Yun Yue, Beijing Chaoyang Hospital, Capital Medical University, China

Ye Zhang, the Second Affiliated Hospital, Anhui Medical University, China Jing Zhao, Peking Union Medical College Hospital, China Hong Zheng, the First Affiliated Hospital, Xinjiang Medical University, China Cheng Zhou, West China Hospital of Sichuan University, Chi Wang-Yuan Zou, Xiangya Hospital, Central South University, China

Evidence Based Communications (EBC), Hong Kong, China

March, 2018 Volume 5 Number 2

CONTENTS

JOURNAL of ANESTHESIA and PERIOPERATIVE MEDICINE

Original Articles

- 53 Use of Point-of-Care Ultrasonography in Simulation-**Based Advanced Cardiac Life Support Scenarios** Stephanie Cha, Allan Gottschalk, Erik Su, Adam Schiavi, Adam Dodson, and Aliaksei Pustavoitau
- **61** Perioperative Point-of-Care Ultrasound Training: A Survey of Anesthesia Academic Programs in United States and China Jeffrey Cannon, Daniel C. Sizemore, Yang Zhou, George M. McKelvey, Min Li, Elie J. Chidiac, Xiangyang Guo, Alexandra Reynolds, and Hong Wang
- **70** Real-Time Ultrasound-Guided Paramedian Epidural Access Using a Paramedian Transverse Oblique Scan: A Prospective Case Series

Yun Wang, Geng Wang, Danxu Ma, and Huili Li

Review Articles

- 77 Myocardial Strain: A Primer for Anesthesiologists Chengmei Shi, Wenxi Tang, Zhuan Zhang, and Jiapeng Huang
- 85 Pre-Procedure Neuraxial Ultrasound in Obstetric Anesthesia Manuel C. Vallejo

Opinion

- **92** Perioperative Point-of-Care Ultrasound for the Anesthesiologist Stephen C. Haskins, Ansara M. Vaz, and Sean Garvin
- 97 The Future of Ultrasound Education: A Medical Student's Perspective

Brandon Wilson, Melinda Sharon, and Joseph Minardi

For Authors

e1 JAPM: Manuscript Types and Instructions

Journal of Anesthesia and Perioperative Medicine Editorial Office

