

Tian-Long Wang, Xuan Wu Hospital of Capital Medical University, China

ASSOCIATE EDITORS-IN-CHIEF

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, Eastern Hepatobiliary Surgery Hospital, the Second Military Medical University, China

MANAGING EDITOR

EDITORIAL BOARD

Muksudul Alam ABM, Shaheed Suhrawardy Medical College & Hospital, Bangladesh

Wei Chao, Massachusetts General Hospital, Harvard Medical School, USA Hai-Chen Chu, the Affiliated Hospital of Medical College, Qingdao Uni-

Xiao-Ming Deng, Changhai Hospital, the Second Military Medical Uni-

Hai-Long Dong, Xijing Hospital, the Fourth Military Medical University,

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 Ki Hyuk Hong, Department of Anesthesiology and Pain Medicine, Inje

Michael G. Irwin, the University of Hong Kong, Hongkong, China Chingmuh Lee, University of California, USA Wen-Zhi Li, the Second Affiliated Hospital of Harbin Medical University,

Wen-Jinn Liaw, Tungs' Taichung MetroHarbor Hospital, Taiwan, China Ke-Xuan Liu, the First Affiliated Hospital, Sun Yat-Sen University, China Carl Lynch III, University of Virginia Health System, USA

Daqing Ma, Imperial College London, United Kingdom Hong Ma, the First Hospital of China Medical University, China Jun Ma, Beijing Anzhen Hospital, Capital Medical University, China Zheng-Liang Ma, Drum Tower Hospital, Medical School of Nanjing Uni-

Wei-Dong Mi, Chinese PLA General Hospital, China Su Min, the First Affiliated Hospital of Chongqing Medical University,

Xavier Paqueron, Clinical Centre in Angoulême, France Donald S. Prough, University of Texas Medical Branch, USA

Jian-Zhong Sun, Thomas Jefferson University, USA Christer H Svensen, Karolinska Institutet, Sweden

Medical School, USA

Niccolò Terrando, Karolinska Institutet, Sweden

Dong-Xin Wang, Peking University First Hospital, China Guo-Lin Wang, Tianjin Medical University General Hospital, China

Ru-Rong Wang, West China Hospital of Sichuan University, China

Ting-Hua Wang, Sichuan University, China

Ying-Wei Wang, Xinhua Hospital, Shanghai Jiaotong University School of

Ling Wei, Emory University School of Medicine, USA Robert Whittington, Columbia University, USA

David T. Wong, Toronto Western Hospital, University of Toronto, Canada

David I. Honga Zhong Yuan Xia, Renmin Hospital of Wuhan University, China Wei Xiao, Xuan Wu Hospital of Capital Medical University, China Zhongcong Xie, Massachusetts General Hospital and Harvard Medical

Jian-Jun Yang, Jinling Hospital, 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 John H. Zhang, Loma Linda University, USA

Jun-Ming Zhang, University of Cincinnati College of Medicine, USA Jing Zhao, Peking Union Medical College Hospital, Chin

Evidence Based Communications (EBC), Hong Kong, China



CONTENTS

JOURNAL of ANESTHESIA and PERIOPERATIVE MEDICINE

Original Articles

117 Safety and Effectiveness of Reduced Red Blood Cells Consumption in Spine Surgery under the Guidance of West China Perioperative Transfusion Score (WCPTS): A Prospective, Randomized, Controlled Trial Ren Liao, Hao-Rui Sun, Jin Liu, Shi-Mei Huai, and Hong Zheng

126 Effects of Sevoflurane and Propofol on Intestinal Ischemic Reperfusion Injury in Patients Undergoing Elective Open Infrarenal Abdominal Aortic Aneurysm Repair: A Randomized Controlled Trial

Cai Li, Wu Yan, Jian-Tong Shen, Shi-Hong Wen, and Ke-Xuan Liu

136 NSC23766, A Specific Inhibitor of Rac1 GTPase, Attenuated Delayed Neuronal Cell Death and Cognitive Deficit in Rats with Cardiac Arrest

> Juan Liao, Chang Xu, Chang Liu, Na Wang, Guo-Qing Huang, Chang-Sheng Huang, Zhi Ye, and Qu-Lian Guo

146 Effects of Mechanical Ventilation on Lung Grafts during Cold Ischemia Phase

Yue Wang, and Wen-Zhi Li

153 Sevoflurane, Laryngeal Mask Airway and Single-Dose Dexmedetomidine: A Better Choice for Patients Undergoing **Endovascular Coil Embolization**

Wen-Fei Tan, Yan-Hua Jiang, Hong Ma, and Jun-Ke Wang

Review Articles

158 Neuroprotective and Neurotoxic Properties of General Anesthetics: A Double-Edged Sword Huafeng Wei, Alexander T. King, and Saadet Inan

167 Percutaneous Minimally Invasive Treatment for the Trigeminal Neuralgia: A Review Xiang-Fei Guo, and Jun Ma

For Authors

e1 JAPM: Manuscript Types and Instructions

Journal of Anesthesia and Perioperative Medicine Editorial Office