

Journal of Cardiothoracic and Vascular Anesthesia

VOL 32, NO 3

JUNE 2018

CONTENTS

SPECIAL ARTICLES

- The Gun Violence Epidemic: Time for Perioperative Physicians to Act
Neal S. Gerstein, MD, FASE, John C. Sanders, MA, MBBS, FRCA, Maureen McCunn, MD, MIPP, FCCM, Janet K. Brierley, MBBS, FRCA, Wendy H. Gerstein, MD, Sonlee D. West, MD, FACS, Isaac Tawil, MD, FCCM, Erik P. Kraai, MD, Nathan H. Boyd, MD, Yuriy S. Bronshteyn, MD, Eli L. Torgeson, MD, and Peter M. Schulman, MD _____ **1097**
- Transvenous Lead Extraction: A Clinical Commentary for Anesthesiologists
Abraham Sonny, MD, Brett J. Wakefield, MD, Shiva Sale, MD, Stephanie Mick, MD, Bruce L. Wilkoff, MD, and Anand R. Mehta, MD _____ **1101**
- The Discovery of Myocardial Preconditioning Using Volatile Anesthetics: A History and Contemporary Clinical Perspective
Paul S. Pagel, MD, PhD, and George J. Crystal, PhD _____ **1112**
- Editorial**
- Anesthetic Preconditioning: Have We Found the Holy Grail of Perioperative Cardioprotection?
Stefan De Hert, MD, PhD, and Annelies Moerman, MD, PhD _____ **1135**

MECHANICAL CIRCULATORY SUPPORT / CRITICAL CARE MEDICINE

- Does a Mobile ECLS Program Reduce Mortality for Patients Transported for ECLS Therapy for Severe Acute Respiratory Failure?
Jacob T. Gutsche, MD, Todd A. Miano, PharmD, MSCE, William Vernick, MD, Jesse Raiten, MD, Christian Bermudez, MD, Prashant Vallabjoysula, MD, Karianna Milewski, MD, Wilson Szeto, MD, Meghan Lane Fall, MD, Matthew L. Williams, MD, Prakash Patel, MD, Mark E. Mikkelsen, MD, MSCE, Cornel Chiu, BS, Harish Ramakrishna, MD, Jeremy Canon, MD, and John G. Augoustides, MD _____ **1137**
- The 8-Year Experience of the Florence Referral ECMO Center and Retrieval Team for Acute Respiratory Failure
Giovanni Cianchi, MD, Chiara Lazzeri, MD, Manuela Bonizzoli, MD, Stefano Batacchi, MD, Morena Cozzolino, MD, Marco Ciapetti, MD, Pasquale Bernardo, MD, Andrea Franci, MD, Marco Chiostrì, MD, and Adriano Peris, MD _____ **1142**
- Editorial**
- Are We Ready for Regional Mobile ECMO Programs?
Jacob T. Gutsche, MD, and William Vernick, MD _____ **1151**
- Single-Center Experience With Venovenous ECMO for Influenza-Related ARDS
Jessica Buchner, MD, Michael Mazzeffi, MD, MPH, MSc, Zachary Kon, MD, Jay Menaker, MD, Lewis Rubinson, MD, Gregory Bittle, MD, Chetan Pasrija, MD, and Daniel Herr, MD _____ **1154**

(Continued)

CONTENTS

(Continued)

Editorial

- Success With VV ECMO for Respiratory Failure: Is it the Device, the Center, or Both?
Martin Chen, MD, Adam Evans, MD, MBA, and Jacob Gutsche, MD _____ **1160**
- Bleeding Complications Associated With Percutaneous Tracheostomy Insertion in Patients Supported With Venovenous Extracorporeal Membrane Oxygen Support: A 10-Year Institutional Experience
Natalie Kruit, MBBS (Hons), FANZCA, BA, BN, RN, Kamen Valchanov, BSc, MD, FRCA, Gregoire Blaudszun, MD, Jo-Anne Fowles, RGN, and Alain Vuylsteke, BSc, MD, MA, FRCA, FFICM _____ **1162**

Editorial

- Percutaneous Tracheostomy On Venovenous Extracorporeal Membrane Oxygenation: Balancing the Risk of Bleeding With Thrombosis
Joshua T. Trester, MD, Erin S. Grawe, MD, and William E. Hurford, MD, FCCM _____ **1167**
- Central Venous-Arterial Extracorporeal Membrane Oxygenation (C-VA-ECMO) After Cardiothoracic Surgery: A Single-Center Experience
Antonio Rubino, MD, Diego Costanzo, MD, Daniel Stanszus, MBBS, Kamen Valchanov, FRCA, David Jenkins, FRCS, Federico Sertic, MD, Jo-anne Fowles, RGN, and Alain Vuylsteke, FRCA _____ **1169**
- Meta-Analysis of the Outcome After Postcardiotomy Venous-Arterial Extracorporeal Membrane Oxygenation in Adult Patients
Fausto Biancari, MD, PhD, Andrea Perrotti, MD, Magnus Dalén, MD, PhD, Mariapia Guerrieri, MS, Antonio Fiore, MD, Daniel Reichart, MD, Angelo M. Dell'Aquila, MD, PhD, Giuseppe Gatti, MD, Tero Ala-Kokko, MD, PhD, Eeva-Maija Kinnunen, MD, PhD, Tuomas Tauriainen, MS, Sidney Chocron, MD, PhD, Juhani K.E. Airaksinen, MD, PhD, Vito G. Ruggieri, MD, PhD, and Debora Braschia, MD _____ **1175**

Editorial

- Postcardiotomy Venous-Arterial Extracorporeal Membrane Oxygenation (VA ECMO) in Adult Patients – Many Questions, Few Answers, and Hard Choices
Amit Bardia, MBBS, and Robert B. Schonberger, MD, MHS _____ **1183**
- Regional Cerebral Oxygen Saturation Level Predicts 30-Day Mortality Rate After Left Ventricular Assist Device Surgery
Soutik Ghosal, MSc, Jaimin Trivedi, MD, James Chen, MD, Michael P. Rogers, MS, Allen Cheng, MD, Mark S. Slaughter, MD, Maiping Kong, PhD, and Jiapeng Huang, MD, PhD _____ **1185**

Editorial

- Regional Cerebral Oxygen Saturation Level in Left Ventricular Assist Device Surgery: Is This the Crystal Ball?
Ali Alsagheir, MBBS, MSc, Emilie P. Belley-Côté, MD, MSc, and Richard P. Whitlock, MD, PhD _____ **1191**

Review Article

- Advances in Left Ventricular Assist Devices and Mechanical Circulatory Support
Suneel Ramesh Desai, MBChB, MA (Med Ed), FRCA, FFICM, EDIC, and Nian Chih Hwang, MBBS, FFARCSI, GDACU _____ **1193**

CARDIAC ANESTHESIA

- Elevated Pulse Pressure, Intraoperative Hemodynamic Perturbations, and Acute Kidney Injury After Coronary Artery Bypass Grafting Surgery
Alan M. Smeltz, MD, Mary Cooter, MSc, Srikanth Rao, MD, Jörn A. Karhausen, MD, Mark Stafford-Smith, MD, Manuel L. Fontes, MD, and Miklos D. Kertai, MD, PhD _____ **1214**
- Association of red blood cell transfusion and short- and longer-term mortality after coronary artery bypass graft surgery
Hossam Tantawy, MD, Alice Li, MD, Feng Dai, PhD, MS, Mohamed Elgammal, MD, Nitin Sukumar, MS, John Eleftheriades, MD, and Shamsuddin Akhtar, MD _____ **1225**

(Continued)

Download English Version:

<https://daneshyari.com/en/article/8617966>

Download Persian Version:

<https://daneshyari.com/article/8617966>

[Daneshyari.com](https://daneshyari.com)