Editorial Board ................................................................. 1

Editor’s Perspective

Leveraging Entrepreneurship as a Means to Improve the Translation of Outcomes Research to Healthcare Improvement
John A. Spertus, MD, MPH .................................................. 2

Editorials

Can Appropriate Use Criteria Lead to Appropriate Care?
Grace A. Lin, MD, MAS; Ian S. Harris, MD .................................. 4

Should Proton Pump Inhibitors Be Withheld From Patients Taking Clopidogrel?: The Issue That Has Been Giving Me Heartburn!
Peter B. Berger, MD ......................................................... 6

Original Articles

Validity of International Classification of Disease Codes to Identify Ischemic Stroke and Intracranial Hemorrhage Among Individuals With Associated Diagnosis of Atrial Fibrillation
Jonathan L. Thigpen, PharmD; Chrisly Dillon, MD; Kristen B. Forster, MBA; Lori Henault, MPH; Emily K. Quinn, MA; Yorghos Tripodi, PhD; Peter B. Berger, MD; Elaine M. Hylek, MD; Nita A. Limdi, PhD ........ 8

Identification of Hospital Outliers in Bleeding Complications After Percutaneous Coronary Intervention
Connie N. Hess, MD, MHS; Sunil V. Rao, MD; Lisa A. McCoy, MS; Megan L. Neely, PhD; Mandeepl Singh, MD; John A. Spertus, MD, MPH; Ronald J. Krone, MD; W. Douglas Weaver, MD; Eric D. Peterson, MD, MPH ........... 15

Can Physicians Identify Inappropriate Nuclear Stress Tests?: An Examination of Inter-Rater Reliability for the 2009 Appropriate Use Criteria for Radionuclide Imaging
Sigun Ye, MD, MS; LeRoy E. Rabbani, MD; Christopher R. Kelly, MD; Maureen R. Kelly, MD; Matthew Lewis, MD; Yehuda Paz, MD; Clara L. Peck, MD; Shaline Rao, MD; Sabahat Bokhari, MD; Shepard D. Weiner, MD; Andrew J. Einstein, MD, PhD .................................................. 23

Long-Term Effect of Fee-For-Service-Based Reimbursement Cuts on Processes and Outcomes of Care for Stroke: Interrupted Time-Series Study From Taiwan
Yu-Chi Tung, PhD; Guann-Ming Chang, MD, MS; Shou-Hsia Cheng, PhD ........................................... 30

The Data Extraction and Longitudinal Trend Analysis Network Study of Distributed Automated Postmarket Cardiovascular Device Safety Surveillance
Amit Kumar, MD; Michael E. Matheny, MD, MSc, MPH; Kalon K.L. Ho, MD, MSc; Robert W. Yeh, MD, MSc; Thomas C. Piemonte, MD; Howard Waldman, MD, PhD; Pinak B. Shah, MD; Richard Cope, BS; Sharon-Lise T. Normand, PhD; Sharon Donnelly, RN, MBA; Susan Robbins, BS; Frederic S. Resnic, MD, MSc ........... 38

Conflicting Results Between Randomized Trials and Observational Studies on the Impact of Proton Pump Inhibitors on Cardiovascular Events When Coadministered With Dual Antiplatelet Therapy: Systematic Review
Chiara Melloni, MD, MHS; Jeffrey B. Washam, PharmD; W. Schuyler Jones, MD; Sharif A. Halim, MD; Victor Hasselblad, PhD; Stephanie B. Mayer, MD; Brooke L. Heidenfelder, PhD; Rowena J. Dolor, MD, MHS ........... 47
Using a Cardiac Arrest Registry to Measure the Quality of Emergency Medical Service Care: Decade of Findings From the Victorian Ambulance Cardiac Arrest Registry
Ziad Nehme, BEmergHlthPmedic(Hons); Stephen Bernard, MBBS, MD; Peter Cameron, MBBS, MD; Janet E. Bray, RN, PhD; Ian T. Meredith, BSc(Hons), MBBS, PhD; Marijana Lijovic, BSc(Hons), MPH, PhD; Karen Smith, BSc(Hons), PhD

Trends in Hypertension Control Among the Older Population of Spain From 2000 to 2001 to 2008 to 2010: Role of Frequency and Intensity of Drug Treatment
José R. Banegas, MD; Beatriz Novarro-Vidal, MD; Luis M. Ruizope, MD; Juan J. de la Cruz, MSc; Esther López-García, PhD; Fernando Rodríguez-Artalejo, MD; Auxiliadora Graciani, MD

Hospital Variation in Quality of Discharge Summaries for Patients Hospitalized With Heart Failure Exacerbation
Mohammed Salim Al-Damluji, MD, MPh; Kristina Dzara, PhD; Beth Hodshon, JD, MPH, RN; Natdanai Punnanithinont, MD, MPh; Harlan M. Krumholz, MD, SM; Sarwat I. Chaudhry, MD; Leora I. Horwitz, MD, MHS

Effect of a Computer-Guided, Quality Improvement Program for Cardiovascular Disease Risk Management in Primary Health Care: The Treatment of Cardiovascular Risk Using Electronic Decision Support Cluster-Randomized Trial
David Peiris, MBBS, MIPh, PhD; Tim Usherwood, MBBS, MD; Kathryn Panareto, MBBS, MPh; Mark Harris, MD; Jennifer Hunt, MBBS, PhD; Julie Redfern, PhD; Nicholas Zwar, MBBS, PhD; Stephen Colagiuri, MD; Noel Hayman, MBBS, MPH; Serigne Lo, PhD; Bindu Patel, MPH; Marilyn Lyford, BHSc; Stephen MacMahon, DSc; Bruce Neal, MChB, PhD; David Sullivan, MBBS; Alan Cass, MBBS, PhD; Rod Jackson, PhD; Anushka Patel, MBBS, SM

Evaluating the Generalizability of a Large Streamlined Cardiovascular Trial: Comparing Hospitals and Patients in the Dual Antiplatelet Therapy Study Versus the National Cardiovascular Data Registry
Robert W. Yeh, MD, MSc; Matthew J. Czarny, MD; Sharon-Lise T. Normand, PhD; Dean J. Kereiakes, MD; David R. Holmes, Jr, MD; Ralph G. Brindis, MD; W. Douglas Weaver, MD; John S. Ramsfeld, MD, PhD; Matthew T. Roe, MD, MHS; Sungeei Kim, PhD; Priscilla Driscoll-Shenmp, MBA; Laura Mauri, MD, MSc

Age-Specific Performance of the Revised Cardiac Risk Index for Predicting Cardiovascular Risk in Elective NonCardiac Surgery
Charlotte Andersson, MD, PhD; Mads Wissenberg, MD; Mads Emil Jørgensen, MB; Mark A. Hlatky, MD; Charlotte Mérie, MD, PhD; Per Føge Jensen, MD, PhD, MHM; Gunnar H. Gislason, MD, PhD; Lars Køber, MD, DSc; Christian Torp-Pedersen, MD, DSc

Data Report
Association of Discharge Summary Quality With Readmission Risk for Patients Hospitalized With Heart Failure Exacerbation
Mohammed Salim Al-Damluji, MD, MPh; Kristina Dzara, PhD; Beth Hodshon, JD, MPH, RN; Natdanai Punnanithinont, MD, MPh; Harlan M. Krumholz, MD, SM; Sarwat I. Chaudhry, MD; Leora I. Horwitz, MD, MHS

Caregiver Viewpoint
Older Patients With Cardiac Devices: The Need for Better Patient–Doctor Conversations
Barbara D. Drye, MD; Elizabeth E. Drye, MD, SM

Cardiovascular Perspectives
Building the Case for Novel Clinical Trials in Pulmonary Arterial Hypertension
John J. Ryan, MBBCh; Jonathan D. Rich, MD; Bradley A. Maron, MD

Medical Device Postapproval Safety Monitoring: Where Does the United States Stand?
Prashant V. Rajan, BS, BA; Daniel B. Kramer, MD; Aaron S. Kesselheim, MD, JD, MPH