Editorial
Revisiting the Clopidogrel–Proton Pump Inhibitor Interaction: From Bench to Bedside
Muthiah Vaduganathan, MD, MPH; Deepak L. Bhatt, MD, MPH

Spotlight Topic: Cardiac Arrest
Editorial
How Much Is Enough: ... What More Is Needed?
Kapiledo Lotun, MD; Karl B. Kern, MD

Original Articles
Coronary Interventions
Predicting the Presence of an Acute Coronary Lesion Among Patients Resuscitated From Cardiac Arrest
Stephen W. Waldo, MD; Lee Chang, MD; Jordan B. Strom, MD; Cashel O’Brien, BA;
Eugene Pomerantz, MD, PhD; Robert W. Yeh, MD, MSc

Immediate Percutaneous Coronary Intervention Is Associated With Improved Short- and Long-Term Survival After Out-of-Hospital Cardiac Arrest
Guillaume Geri, MD; Florence Dumas, MD, PhD; Wulfran Bougouin, MD, MPH; Olivier Varenne, MD;
Fabrice Daviaud, MD; Frédéric Pène, MD, PhD; Lionel Lamhaut, MD; Jean-Daniel Cliche, MD, PhD;
Christian Spaulding, MD, PhD; Jean-Paul Mira, MD, PhD; Jean-Philippe Empana, MD, PhD;
Alain Cariou, MD, PhD

Early Coronary Angiography and Survival After Out-of-Hospital Cardiac Arrest
Ankur Vyas, MD; Paul S. Chan, MD, MSc; Peter Cram, MD, MBA; Brahajee K. Nallamothu, MD, MPH;
Bryan McNally, MD, MPH; Saket Girotra, MD, SM

Post-Resuscitation ECG for Selection of Patients for Immediate Coronary Angiography in Out-of-Hospital Cardiac Arrest
Henrik Stær-Jensen, MD; Espen Rostrup Nakstad, MD; Eirgil Fossum, MD, PhD; Arild Mangschau, MD, PhD;
Jan Eritsland, MD, PhD; Tomas Dragøn, RN; Dag Jacobsen, MD, PhD; Kjetil Sunde, MD, PhD;
Geir Øystein Andersen, MD, PhD

Original Articles
Coronary Interventions
Proton Pump Inhibitors, Platelet Reactivity, and Cardiovascular Outcomes After Drug-Eluting Stents in Clopidogrel-Treated Patients: The ADAPT-DES Study
Giora Weisz, MD; Nathaniel R. Smilowitz, MD; Ajay J. Kirtane, MD, SM; Michael J. Rinaldi, MD;
Rupa Parvataneni, MS; Ke Xu, PhD; Thomas D. Stuckey, MD; Akiko Maehara, MD; Bernhard Witzenbichler, MD;
Franz-Josef Neumann, MD; D. Christopher Metzger, MD; Timothy D. Henry, MD; David A. Cox, MD;
Peter L. Duffy, MD, MMM; Bruce R. Brodie, MD; Ernest L. Mazzaferrri Jr, MD; Roxana Mehran, MD;
Gregg W. Stone, MD
Final 3-Year Outcome of a Randomized Trial Comparing Second-Generation Drug-Eluting Stents Using Either Biodegradable Polymer or Durable Polymer: NOBORI Biolimus-Eluting Versus XIENCE/PROMUS Everolimus-Eluting Stent Trial
Masahiro Natsuaki, MD; Ken Kozuma, MD; Takeshi Morimoto, MD; Kazushige Kadota, MD; Toshiya Muramatsu, MD; Yoshihisa Nakaigawa, MD; Takashi Akasaka, MD; Keiichi Igarashi, MD; Kengo Tanabe, MD; Yoshihiro Morino, MD; Tetsuya Ishikawa, MD; Hideo Nishikawa, MD; Masaki Awata, MD; Toshiya Muramatsu, MD; Yoshihisa Nakagawa, MD; Takashi Kimura, MD; Kazuhiro Ogata, MD; Kazuo Kimura, MD; Kazushi Urasawa, MD; Yasuhiro Tarutani, MD; Nobuo Shiode, MD; Takeshi Kimura, MD

Fixed and Modifiable Correlates of Drug-Eluting Stent Thrombosis From a Large All-Comers Registry: Insights From ADAPT-DES
Bruce R. Brodie, MD; Ankit Garg, MD; Thomas D. Stuckey, MD; Ajay J. Kirtane, MD, SM; Bernhard Witzenbichler, MD; Akiko Maehara, MD; Giora Weisz, MD; Michael J. Rinaldi, MD; Franz-Josef Neumann, MD; D. Christopher Metzger, MD; Roxana Mehran, MD; Rupa Parvataneni, MS; Gregg W. Stone, MD

Optical Coherence Tomography Findings in Bioresorbable Vascular Scaffolds Thrombosis
Florim Cuculi, MD; Serban Puricel, MD; Peiman Jamshidi, MD; Jérémy Valentin, BSc; Zacharenia Kallinikou, MD; Stefan Toggweiler, MD; Melissa Weissner, MTA; Thomas Münzel, MD; Stéphane Cook, MD; Tommaso Gori, MD, PhD

Coronary Physiologic Assessment and Imaging
Hyperoxia Exacerbates Myocardial Ischemia in the Presence of Acute Coronary Artery Stenosis in Swine
Dominik P. Guensch, MD; Kady Fischer, BHSc; Nancy Shie, BSc; Julie Lebel, RLAT; Matthias G. Friedrich, MD

Peripheral Vascular Disease
Safety and Effectiveness of Stent Placement for Iliofemoral Venous Outflow Obstruction: Systematic Review and Meta-Analysis
Mahmood K. Razavi, MD; Michael R. Jaff, DO; Larry E. Miller, PhD

Structural Heart Disease
Procedural Results and Clinical Outcomes of Transcatheter Aortic Valve Implantation in Switzerland: An Observational Cohort Study of Sapien 3 Versus Sapien XT Transcatheter Heart Valves
Ronald K. Binder, MD; Stefan Stortecky, MD; Dik Heg, PhD; David Tueller, MD; Raban Jeger, MD; Stefan Toggweiler, MD; Giovanni Pedrazzini, MD; Franz W. Amann, MD; Enrico Ferrari, MD; Stephane Noble, MD; Fabian Nietlisbach, MD, PhD; Francesco Maisano, MD; Lorenz Röber, MD, PhD; Marco Roffi, MD; Jürg Grünfelder, MD; Peter Jünemann, MD; Christoph Huber, MD; Stephan Windecker, MD; Peter Wernaseer, MD

Clinical Dilemmas in Interventional Cardiology
Primary Percutaneous Coronary Intervention in Patients With ST-Segment–Elevation Myocardial Infarction and Concurrent Active Gastrointestinal Bleeding
Dilbahar S. Mohar, MD; Arnold H. Seto, MD, MPA; Morton J. Kern, MD, MScAI

Images and Case Reports in Interventional Cardiology
Left Atrial Thrombus Associated With Interatrial Septal Occluder 5 Years After Implantation
Satish Misra, MD; John Conte, MD; Jon Resar, MD
Correspondence

Letter by Cervellin et al Regarding Article, “Allergic Inflammation Is Associated With Coronary Instability and a Worse Clinical Outcome After Acute Myocardial Infarction”
Gianfranco Cervellin, MD; Giuseppe Lippi, MD; Nicholas G. Kounis, MD .......................... e003166

Response to Letter Regarding Article, “Allergic Inflammation Is Associated With Coronary Instability and a Worse Clinical Outcome After Acute Myocardial Infarction”
Giampaolo Niccoli, MD, PhD; Camilla Calvieri, MD; Davide Flego, MD; Giancarla Scalone, MD; Asya Imaeva, MD; Vito Sabato, MD; Domenico Schiavino, MD; Giovanna Liuzzo, MD; Filippo Crea, MD, PhD ................................................ e003207

Iván Javier Nuñez-Gil, MD, PhD; Pablo Salinas, MD, PhD; Raúl Herrera Nogueira, MD .................. e003137

Response to Letter Regarding Article, “Is Aspiration Thrombectomy Beneficial in Patients Undergoing Primary Percutaneous Coronary Intervention? Meta-Analysis of Randomized Trials”
Islam Y. Elgendy, MD; Tianyao Huo, MS; Deepak L. Bhatt, MD, MPH; Anthony A. Bavry, MD, MPH ...... e003154

Correction ................................................................. e000015