Editor’s Perspective
Noninferiority Trials in Interventional Cardiology
Dhaval Kolte, MD, PhD; Herbert D. Aronow, MD, MPH; J. Dawn Abbott, MD .................................. e005760

Editorials
Platelet Transfusion for Ticagrelor Reversal
Paul Kruger, MBBS, FRACP, FRCPA; Noel Chan, MBBS, FRACP, FRCPA; John W. Eikelboom, MBBS, MSc, FRCPC ......................................................... e005579
Rather Thick, Yet Antithrombogenic: Is the Magmaris Scaffold a New Hope for Bioresorbable Coronary Scaffold?
Yoshinobu Onuma, MD, PhD; Patrick W. Serruys, MD, PhD ......................................................... e005663
Radiation Exposure in Cardiac Catheterization: Operator Behavior Matters
Taisei Kobayashi, MD; John W. Hirshfeld, Jr, MD .............................................................. e005689
Combining Transcatheter Aortic Valve Replacement and Coronary Angiography/Percutaneous Coronary Intervention Procedures: Ready for Prime Time?
Josep Rodés-Cabau, MD ......................................................... e005664

Original Articles
Congenital Heart Disease
Closure of Secundum Atrial Septal Defects With the AMPLATZER Septal Occluder: A Prospective, Multicenter, Post-Approval Study
Daniel R. Turner, MD, FAAP, FACC; Carl Owada, MD, FACC, FSCAI; Charlie J. Sang, Jr, MD; Muhammad Khan, MD, FAAP, FACC, FSCAI; D. Scott Lim ........................................ e004212

Coronary Artery Disease
Low Endothelial Shear Stress Predicts Evolution to High-Risk Coronary Plaque Phenotype in the Future: A Serial Optical Coherence Tomography and Computational Fluid Dynamics Study
Erika Yamamoto, MD, PhD; Gerasimos Siasos, MD, PhD; Marina Zaromytidou, MD, PhD; Ahmet U. Coskun, Ph.D; Lei Xing, MD, PhD; Krysztof Bryniarski, MD, PhD; Thomas Zanchin, MD; Tomoyo Sugiyama, MD, PhD; Hang Lee, PhD; Peter H. Stone, MD; Ik-Kyung Jang, MD, PhD ........................................ e005455
Impact of Timing on the Functional Recovery Achieved With Platelet Supplementation After Treatment With Ticagrelor
M. Urooj Zafar, MBBS; Donald A. Smith, MD; Usman Baber, MD; Samantha Sartori, PhD; Kevin Chen, BS; David W. Lam, MD; Carlos A. Linares-Koloffon, MD; Juan Rey-Mendoza, MD; Gustavo Jimenez Brito, MD; Gines Escolar, MD, PhD; Valentin Fuster, MD, PhD; Juan J. Badimon, PhD ........................................ e005120
Coronary Interventions

Comparison of Acute Thrombogenicity for Metallic and Polymeric Bioabsorbable Scaffolds: Magmaris Versus Absorb in a Porcine Arteriovenous Shunt Model
Ron Waksman, MD; Michael J. Lipinski, MD, PhD; Eduardo Acampado, DVM; Qi Cheng, MD; Lila Adams, AS; Sho Torii, MD; Jiaxiang Gai, MSPH; Rebecca Torguson, MPH; David M. Hellinga, MSc; Peter C. Westman, BA; Michael Joner, MD; Philine Zumstein, BSBT; Frank D. Kolodgie, PhD; Renu Virmani, MD

Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation
Zsolt Piroth, MD; Gabor G. Toth, MD, PhD; Pin A.L. Tonino, MD, PhD; Emanuele Barbato, MD, PhD; Soheila Aghimand, MSc, PhD; Nick Curzen, MD, PhD; Gilles Rioufol, MD, PhD; Nico H.J. Pijls, MD, PhD; William F. Fearon, MD; Peter Jüni, MD; Bernard De Bruyne, MD, PhD

Time-Course Reduction in Patient Exposure to Radiation From Coronary Interventional Procedures:
The Greater Paris Area Percutaneous Coronary Intervention Registry
Jean-Louis Georges, MD, MPH; Nicole Karam, MD, PhD; Muriel Tafflet, PhD; Bernard Livarel, MD; Sophie Bataille, MD; Aurélie Loyeau, MSc; Mireille Mapouata, MSc; Hakim Benamer, MD; Christophe Caussin, MD; Philippe Garot, MD; Olivier Varenne, MD, PhD; Franck Barbou, MD; Emmanuel Teiger, MD, PhD; François Funck, MD; Gaëtan Karrillon, MD; Yves Lambert, MD; Christian Spaulding, MD, PhD; Xavier Jouven, MD, PhD; for the CARDIO-ARSIF Registry Investigators

Pharmacology

Cangrelor in Older Patients Undergoing Percutaneous Coronary Intervention: Findings From CHAMPION PHOENIX
Matthew A. Cavender, MD, MPH; Deepak L. Bhatt, MD, MPH; Gregg W. Stone, MD; P. Gabriel Steg, MD; C. Michael Gibson, MD; Christian W. Hamm, MD; Matthew J. Price, MD; Jayne Prats, PhD; Steven Elkin, MS; Efthymios Deliargyris, MD; Kenneth W. Mahaffey, MD; Harvey D. White, DSc; Robert A. Harrington, MD; on behalf of the CHAMPION PHOENIX Investigators

Structural Heart Disease

Optimized Screening of Coronary Artery Disease With Invasive Coronary Angiography and Ad Hoc Percutaneous Coronary Intervention During Transcatheter Aortic Valve Replacement
Marco Barbanti, MD; Denise Todaro, MD; Giuliano Costa, MD; Gerlando Pilato, MD; Andrea Picci, MD; Simona Gulino, MD; Piera Capranzano, MD; Ketty La Spina, MD; Emanuela Di Simone, MD; Paolo D’Arrigo, MD; Wanda Deste, MD; Antonino Indelicato, MD; Stefano Cannata, MD; Daniela Giannazzo, MD; Sebastiano Inmiè, MD; Claudia Tamburino, MD; Martina Patanè, MD; Sergio Buccheri, MD; Davide Capodanno, MD, PhD; Carmelo Sgorlie, MD; Corrado Tamburino, MD, PhD

Advances in Interventional Cardiology

Low-Flow Severe Aortic Stenosis: Evolving Role of Transcatheter Aortic Valve Replacement
Matthew D. Saybolt, MD; Paul N. Fiorilli, MD; Zachary M. Gertz, MD; Howard C. Herrmann, MD

Letters to the Editor

Letter by Garcia-Moll Regarding Article, “Glycemic Control Status After Percutaneous Coronary Intervention and Long-Term Clinical Outcomes in Patients With Type 2 Diabetes Mellitus”
Xavier Garcia-Moll, MD, MSc, FESC

Response by Hwang et al to Letter Regarding Article, “Glycemic Control Status After Percutaneous Coronary Intervention and Long-Term Clinical Outcomes in Patients With Type 2 Diabetes Mellitus”
Jin Kyung Hwang, MD, PhD; Seung Hwa Lee, MD; Young Bin Song, MD, PhD; Joonghyun Ahn, MS; Keumhee Carriere, MS, PhD; Mi Ja Jang, RN; Taek Kyu Park, MD; Seung-Hyuk Choi, MD, PhD; Jeong Hoon Yang, MD, PhD; Jin-Ho Choi, MD, PhD; Sang Hoon Lee, MD, PhD; Hyeon-Cheol Gwon, MD, PhD; Joo-Yong Hahn, MD, PhD
Nicholas G. Kounis, MD, PhD; Ioanna Koniari, MD, PhD; George Hahalis, MD, PhD

Ahmed N. Mahmoud, MD; Amr F. Barakat, MD; Akram Y. Elgendy, MD; Erik Schneibel, MD; Amgad Mentias, MD; Ahmed Abuzaid, MD; Islam Y. Elgendy, MD

Letter by Calabrò and Gragnano Regarding Article, “Dual Antiplatelet Therapy Continuation Beyond 1 Year After Drug-Eluting Stents: A Meta-Analysis of Randomized Trials”
Paolo Calabrò, MD, PhD; Felice Gragnano, MD