Editor’s Perspective

Establishing a Contemporary Training Curriculum for the Next Generation of Interventional Cardiology Fellows
Harsh B. Golwala, MD; Ankur Kalra, MD; David P. Faxon, MD

Editorials

Multivessel Revascularization and ST-Segment–Elevation Myocardial Infarction: Do We Have the Complete Answer?
David A. Wood, MD; John A. Cairns, MD; Shamir R. Mehta, MD, MSc

Bypass Graft Failure: Changing What We Can, Accepting What We Cannot Change, and Developing the Science to Know the Difference
Judit Karacsonyi, MD; Emmanouil S. Brilakis, MD, PhD

Original Articles

Cardiac Catheterization

Fractional Flow Reserve–Guided Complete Revascularization Improves the Prognosis in Patients With ST-Segment–Elevation Myocardial Infarction and Severe Nonculprit Disease: A DANAMI 3-PRIMULTI Substudy (Primary PCI in Patients With ST-Elevation Myocardial Infarction and Multivessel Disease: Treatment of Culprit Lesion Only or Complete Revascularization)
Jacob Lønborg, MD, PhD; Thomas Engstrøm, MD, PhD, DMSci; Henning Kelbæk, MD, DMSci; Steffen Helqvist, MD, DMSci; Lene Klovgaard, RN; Lene Holnvang, MD, DMSci; Frants Pedersen, MD, PhD; Erik Jørgensen, MD; Kari Saunamäki, MD, DMSci; Peter Clemenensen, MD, DMSci; Ole De Backer, MD, PhD; Jan Ravkilde, MD; Hans-Henrik Tilsted, MD, PhD; Anton Boel Villadsen, MD; Jens Aarøe, MD; Svend Eggert Jensen, MD; Bent Raunsgaard, MD; Lars Køber, MD, DMSci; Dan Eik Hofsten, MD, PhD; for the DANAMI 3-PRIMULTI Investigators

Saline-Induced Coronary Hyperemia: Mechanisms and Effects on Left Ventricular Function
Bernard De Bruyne, MD, PhD; Julien Adjedj, MD; Panagiotis Xaplantaris, MD, PhD; Angela Ferrara, MD; Yajing Mo, MD; Martin Penicka, MD, PhD; Vincent Floré, MD, PhD; Mariano Pellicano, MD; Gabor Toth, MD; Emanuele Barbato, MD, PhD; Dirk J. Duncker, MD, PhD; Nico H.J. Pijls, MD, PhD

Congenital Heart Disease

Programmatic Approach to Management of Tetralogy of Fallot With Major Aortopulmonary Collateral Arteries: A 15-Year Experience With 458 Patients
Holly Bauser-Heaton, MD, PhD; Alejandro Borquez, MD; Brian Han, MD; Michael Ladd, MS; Ritu Asti, MD; Laura Downey, MD; Andrew Koth, MD; Claudia A. Algaze, MD, MPH; Lisa Wise-Faberowski, MD; Stanton B. Perry, MD; Andrew Shin, MD; Lynn F. Peng, MD; Frank L. Hanley, MD; Doff B. McElhinney, MD
Coronary Artery Disease

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 ................................. e004157

Coronary Interventions

Longitudinal Risk of Adverse Events in Patients With Acute Kidney Injury After Percutaneous Coronary Intervention: Insights From the National Cardiovascular Data Registry
Javier A. Valle, MD; Lisa A. McCoy, MS; Thomas M. Maddox, MD, MSc; John S. Rumsfeld, MD, PhD; P. Michael Ho, MD, PhD; Ivan P. Casserly, MD; Brahmadee K. Nallamo, MD, MPH; Matthew T. Roe, MD, MHS; Thomas T. Tsai, MD, MSc; John C. Messenger, MD ................................. e004439

Choice of Stent for Percutaneous Coronary Intervention of Saphenous Vein Grafts
Javaid Iqbal, MRCP, PhD; Chun Shing Kwok, MBBS, MSc, BSc; Evangelos Kontopantelis, PhD; Mark A. de Belder, MD; Peter F. Ludman, MD; Adrian Large, MD; Rob Butler, MD; Amr Gamal, MRCP; Tim Kimnair, MD; Azfar Zaman, MD; Mamas A. Mamas, BMBCh, DPhil; on behalf of British Cardiovascular Intervention Society (BCIS) and National Institute of Cardiovascular Outcome Research (NICOR) ................................. e004457

Structural Heart Disease

Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis: Insights From the Valve-in-Valve International Data Registry (VIVID)
Sami Alnasser, MD; Asim N. Cheema, MD; Matheus Simonato; Marco Barbanti, MD; Jeremy Edwards, MD; Ran Kornowski, MD; Eric Horlick, MD; Harindra C. Wijey, MD; Luca Testa, MD, PhD; Francesco Bedogni, MD; Hafid Amrane, MD; Thomas Walther, MD; Marc Pelletier, MD; Azeem Latif, MD; Jean-Claude Laborde, MD; David Hildick-Smith, MD; Won-Keun Kim, MD; Didier Tchetche, MD; Marco Agrifoglio, MD; Joëlle Kefer, MD; Christian Fritcher, MD; Nicolas M. van Mieghem, MD, PhD; Axel Linke, MD; Stephen Worthley, MD; Anita Asgar, MD; Carmelo Sgroi, MD; Mina Aziz, MD; Haim D. Danenberg, MD; Marino Labinaz, MD; Ganesh Manoharan, MD; Anson Cheung, MD; John G. Webb, MD; Danny Dvir, MD; for the Valve-in-Valve International Data Registry Investigators ................................. e004392

Acute Changes in Left Atrial Pressure After MitraClip Are Associated With Improvement in 6-Minute Walk Distance
Elad Maor, MD, PhD; Claire E. Raphael, MBBS, PhD; Sidakpal S. Panaich, MBBS; Guy S. Reeder, MD; Rick A. Nishimura, MD; Vuyisile T. Nkomo, MD, MPH; Charanjit S. Rihal, MD, MBA; Mackram F. Eleid, MD ................................. e004856

Correspondence

Letter by Fournier et al Regarding Article, “Functional Assessment of Coronary Artery Disease in Patients Undergoing Transcatheter Aortic Valve Implantation: Influence of Pressure Overload on the Evaluation of Lesions Severity”
Stephanie Fournier, MD; Brahim Harbaoui, MD; Olivier Muller, MD, PhD ................................. e004772