Original Articles

Cardiomyopathies

Discrepant Measurements of Maximal Left Ventricular Wall Thickness Between Cardiac Magnetic Resonance Imaging and Echocardiography in Patients With Hypertrophic Cardiomyopathy
Waseem Hindieh, MD; Adaya Weissler-Snir, MD; Helene Hammer, MD; Arnon Adler, MD; Harry Rakowski, MD; Raymond H. Chan, MD, MPH

- Editorial Thick Walls, Thin Data: Measuring Left Ventricular Wall Thickness With MRI Versus Echocardiography
Brian B. Ghoshhajra, MD, MBA; Michael A. Fifer, MD

Ischemic Heart Disease

Denervated Myocardium Is Preferentially Associated With Sudden Cardiac Arrest in Ischemic Cardiomyopathy: A Pilot Competing Risks Analysis of Cause-Specific Mortality
James A. Fallavollita, MD; Jonathan D. Dare, MA; Randolph L. Carter, PhD; Sunil Baldwa, MBBS; John M. Canty Jr, MD

- Editorial Risk Stratification and Sudden Cardiac Death: Is It Time to Include Autonomic Variables?
Houman Khakpour, MD; Marmar Vaseghi, MD, PhD

Myocardial Infarction

CMR Native T1 Mapping Allows Differentiation of Reversible Versus Irreversible Myocardial Damage in ST-Segment–Elevation Myocardial Infarction: An OxAMI Study (Oxford Acute Myocardial Infarction)
Dan Liu, PhD; Alessandra Borlotti, PhD; Dafine Viliani, MD; Michael Jerosch-Herold, PhD; Mohammad Alkhalil, MRCP, MD; Giovanni Luigi De Maria, MD; Gregor Fahrni, MD; Sam Dawkins, MBBS; Rohan Wijesurendra, MB BChir; Jane Francis, DCR(R), DNM; Vanessa Ferreira, MD, DPhil; Stefan Piechnik, PhD; Matthew D. Robson, PhD; Adrian Banning, MD; Robin Choudhury, DM; Stefan Neubauer, MD; Keith Channon, MD; Rajesh Kharbanda, MD; Erica Dall’Armellina, MD

- Editorial Native T1 Mapping: Adding a New Dimension to the Characterization of Acute Myocardial Infarction
Pankaj Garg, MD; Sven Plein, MD, PhD

Outcomes Research

Cardiovascular Magnetic Resonance Relaxometry Predicts Regional Functional Outcome After Experimental Myocardial Infarction
Sebastian M. Haberkorn, MD; Christoph Jacoby, PhD; Zhaoping Ding, MD; Petra Keul, PhD; Florian Böninger, MD; Amin Polzin, MD; Bodo Levkau, MD; Jürgen Schrader, MD; Malte Kelm, MD; Ulrich Flögel, PhD

- Editorial T1 Map of Post-Myocardial Infarction for Precise Tissue Characterization
Amr A. Youssef, MD, PhD; Phillip C. Yang, MD
Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men: Long-Term Outcomes From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry
Joe X. Xie, MD; Farham Estheteardi, MD; Tina Varghese, MD; Abhinav Goyal, MD, MHS; Puja K. Mehta, MD; William Kang; Jonathan Leipsic, MD; Britain ó Hartaigh, PhD; C. Noel Bairey Merz, MD; Daniel S. Berman, MD; Heidi Gransar, MS; Matthew J. Budoff, MD; Stephan Achenbach, MD; Tracy Q. Callister, MD; Hugo Marques, MD; Ronen Rubinshtein, MD; Mouaz H. Al-Mallah, MD; Daniele Andreini, MD, PhD; Gianluca Pontone, MD, PhD; Filippo Cademartiri, MD, PhD; Erica Maffei, MD; Kavitha Chinnaiyan, MD; Gilbert Raff, MD; Martin Hadamitzky, MD; Joerg Hausleiter, MD; Giudrun Feuchner, MD; Philipp A. Kaufmann, MD; Todd C. Villines, MD; Benjamin J.W. Chow, MD; James K. Min, MD; Leslee J. Shaw, PhD .......................... e006246

- Editorial Understanding Sex Differences in Coronary Artery Disease Risk: Is Coronary Anatomy Sufficient?
  Viviany R. Taqueti, MD, MPH; Ron Blankstein, MD .......................... e006766

Valvular Heart Disease
Variation in the Echocardiographic Surveillance of Primary Mitral Regurgitation
Varsha K. Tanguturi, MD; Michael K. Hidue, PhD; Michael H. Picard, MD; Steven J. Atlas, MD, MPH; Jeffrey B. Weilburg, MD; Timothy G. Ferris, MD, MPH; Katrina Armstrong, MD, MSCE; Jason H. Wasfy, MD, MPhil .................................................. e006495

- Editorial Vigilance in Mitral Regurgitation: Variation and the Way Forward
  Zainab Samad, MD, MHS; Pamela S. Douglas, MD .......................... e006799

Association Between Echocardiography Laboratory Accreditation and the Quality of Imaging and Reporting for Valvular Heart Disease
Jeremy J. Thaden, MD; Michael Y. Tsang, MD; Chadi Ayoub, MBBS; Ratnasari Padang, MBBS, PhD; Vuyiséle T. Nkomo, MD, MPH; Stephen F. Tucker, RDCS; Cynthia S. Cassidy, MS; Merri Bremer, EdD, RN, ACS, RDCS; Garvan C. Kane, MD, PhD; Patricia A. Pellikka, MD .......................... e006140

- Editorial It Works: Determining the Value of Echocardiography Laboratory Accreditation
  John M. Dent, MD, MS, MHCM .................................................. e006836

Advances in Cardiovascular Imaging
Magnetic Resonance Imaging of Myocardial Strain After Acute ST-Segment–Elevation Myocardial Infarction: A Systematic Review
Kenneth Mangion, MD; Christie McComb, PhD; Daniel A. Auger, PhD; Frederick H. Epstein, PhD; Colin Berry, MBChB, PhD .................................................. e006498

Attila Feher, MD, PhD; Albert J. Sinusas, MD .................................................. e006427

Correspondence
Letter by Zakeri and Redfield Regarding Article, “Influence of Left Atrial Function on Exercise Capacity and Left Ventricular Function in Patients With Heart Failure and Preserved Ejection Fraction”
Rosita Zakeri, MBChB, PhD; Margaret M. Redfield, MD .................................................. e006705

Response by von Roeder et al to Letter Regarding Article, “Influence of Left Atrial Function on Exercise Capacity and Left Ventricular Function in Patients With Heart Failure and Preserved Ejection Fraction”
Maximilian von Roeder, MD; Karl-Philipp Rommel, MD; Johannes Tammo Kowallick, MD; Stephan Blazek, MD; Christian Bebler, MD; Karl Fengler, MD; Joachim Lotz, MD; Gerd Hasenfuss MD; Christian Lücke, MD; Matthias Gutberlet, MD; Gerhard Schuler, MD; Andreas Schuster, MD, PhD, MBA; Philipp Lurz, MD, PhD .......................... e006785