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; Dafne 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; John M. Canty Jr, MD; Keiren Francis, DCRM, 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

CIRCULATION: CARDIOVASCULAR IMAGING (ISSN 1942-0080) is published monthly online-only by Wolters Kluwer Health, Inc. at 14700 Citicorp Drive, Bldg 3, Hagerstown, MD 21742. Business offices are located at Two Commerce Square, 2001 Market Street, Philadelphia, PA 19103. Production offices are located at 351 West Camden Street, Baltimore, MD 21201-2436. Annual subscription rates: Members of any American Heart Association (AHA) scientific council will have online access to the journal as a benefit of membership. World-wide: $322 for non-members. Additional rates can be found online at http://circimaging.ahajournals.org/custserv/subscribe. AHA membership information can be found online at http://my.americanheart.org/membership.
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; Parham Estehardi, MD; Tina Varghese, MD; Abhinav Goyal, MD, MHS; Puja K. Mehta, MD; William Kang; Jonathon Leipsic, MD; Brittain o 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 Feuchter, MD; Philipp A. Kaufmann, MD; Todd C. Villines, MD; Benjamin J.W. Chow, MD; James K. Min, MD; Leslee J. Shaw, PhD

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

Valvular Heart Disease

Variation in the Echocardiographic Surveillance of Primary Mitral Regurgitation

Varsha K. Tanguturi, MD; Michael K. Hidrue, 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, MPhil

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

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; Vuyisile 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. Pelliikka, MD

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

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


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

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

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 Kovallick, MD; Stephan Blazek, MD; Christian Besler, 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