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| European Perspectives | f103–f108 |
| Clinical Summaries | 1921 |

Editorials

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| Plasma Glutathione Peroxidase Activity is Potentially a Key Regulator of Vascular Disease-Associated Thrombosis <i>Michael S. Wolin, PhD</i> | 1923 |
| Squalene Synthase Inhibitor Lapauzstat Acetate: Could Anything Be Better Than Statins? <i>James K. Liao, MD</i> | 1925 |

Original Articles

Cardiovascular Surgery

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| Preoperative Factors Associated With Adverse Outcome After Tricuspid Valve Replacement <i>Yan Topilsky, MD; Amber D. Khanna, MD; Jae K. Oh, MD; Rick A. Nishimura, MD; Maurice Enriquez-Sarano, MD; Yang B. Jeon, MD; Thoralf M. Sundt, MD; Hartzell V. Schaff, MD; Soon J. Park, MD</i> Clinical Perspective | →1929 |
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Hypertension

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| Effect of Renal Sympathetic Denervation on Glucose Metabolism in Patients With Resistant Hypertension: A Pilot Study <i>Felix Mahfoud, MD; Markus Schlaich, MD; Ingrid Kindermann, MD; Christian Ukena, MD; Bodo Cremers, MD; Mathias C. Brandt, MD; Uta C. Hoppe, MD; Oliver Vonend, MD; Lars C. Rump, MD; Paul A. Sobotka, MD; Henry Krum, MBBS, PhD; Murray Esler, MBBS, PhD, FRACP; Michael Böhm, MD</i> Clinical Perspective | →1940 |
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Imaging

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| Transcranial Doppler Detection of Cerebral Fat Emboli and Relation to Paradoxical Embolism: A Pilot Study <i>Alejandro M. Forteza, MD; Sebastian Koch, MD; Iszet Campo-Bustillo, MPH; Jose Gutierrez, MD; Diogo C. Haussen, MD; Alejandro A. Rabinstein, MD; Jose Romano, MD; Gregory A. Zych, DO; Robert Duncan, PhD</i> Clinical Perspective | →1947 |
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Molecular Cardiology

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| G Protein–Coupled Receptor Kinase 2 Activity Impairs Cardiac Glucose Uptake and Promotes Insulin Resistance After Myocardial Ischemia <i>Michele Ciccarelli, MD, PhD; J. Kurt Chuprun, PhD; Giuseppe Rengo, MD, PhD; Erhe Gao, MD, PhD; Zhengyu Wei, PhD; Raymond J. Peroutka, BS; Jessica I. Gold, BS; Anna Gumpert, PhD; Mai Chen, MD, PhD; Nicholas J. Otis, BS; Gerald W. Dorn II, MD; Bruno Trimarco, MD; Guido Iaccarino, MD, PhD; Walter J. Koch, PhD</i> Clinical Perspective | →1953 |
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Stroke

Glutathione Peroxidase-3 Deficiency Promotes Platelet-Dependent Thrombosis In Vivo

Richard C. Jin, BS; Christopher E. Mahoney, BS; Laura (Coleman) Anderson, BS; Filomena Ottaviano, PhD; Kevin Croce, MD, PhD; Jane A. Leopold, MD; Ying-Yi Zhang, PhD; Shiow-Shih Tang, PhD; Diane E. Handy, PhD; Joseph Loscalzo, MD, PhD **Clinical Perspective** →1963

Vascular Medicine

Lapaquistat Acetate: Development of a Squalene Synthase Inhibitor for the Treatment of Hypercholesterolemia

Evan A. Stein, MD, PhD; Harold Bays, MD; Dennis O'Brien, MD, MBA; Jim Pedicano, MS, MBA; Edward Piper, MD; Andrea Spezzi, MD **Clinical Perspective** **CME** →1974

Early Macrophage Recruitment and Alternative Activation Are Critical for the Later Development of Hypoxia-Induced Pulmonary Hypertension

Eleni Vergadi, MD; Mun Seog Chang, PhD; Changjin Lee, PhD; Olin D. Liang, PhD; Xianlan Liu, MS; Angeles Fernandez-Gonzalez, PhD; S. Alex Mitsialis, PhD; Stella Kourembanas, MD **Clinical Perspective** ... →1986

Controversies in Cardiovascular Medicine

Systolic and Diastolic Heart Failure Are Overlapping Phenotypes Within the Heart Failure Spectrum

Gilles W. De Keulenaer, MD, PhD; Dirk L. Brutsaert, MD, PhD 1996

Diastolic and Systolic Heart Failure Are Distinct Phenotypes Within the Heart Failure Spectrum

Barry A. Borlaug, MD; Margaret M. Redfield, MD 2006

Clinician Update

Natriuretic Peptide Testing in Heart Failure

Han-Na Kim, MD, MPH; James L. Januzzi, Jr, MD 2015

Images in Cardiovascular Medicine

The Broken Heart

Bernhard Petritsch, MD; Frank Wendel, MD; Rainer G. Leyh, MD; Stefan Frantz, MD 2020

ACCF/AHA Focused Update

2011 ACCF/AHA Focused Update of the Guidelines for the Management of Patients With Unstable Angina/Non-ST-Elevation Myocardial Infarction (Updating the 2007 Guideline): A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines

R. Scott Wright, MD, FACC, FAHA, Chair; Jeffrey L. Anderson, MD, FACC, FAHA, Vice Chair; Cynthia D. Adams, RN, PhD, FAHA; Charles R. Bridges, MD, ScD, FACC, FAHA; Donald E. Casey, Jr, MD, MPH, MBA, FACP, FAHA; Steven M. Ettinger, MD, FACC; Francis M. Fesmire, MD, FACEP; Theodore G. Ganiats, MD; Hani Jneid, MD, FACC, FAHA; A. Michael Lincoff, MD, FACC; Eric D. Peterson, MD, MPH, FACC, FAHA; George J. Philippides, MD, FACC, FAHA; Pierre Theroux, MD, FACC, FAHA; Nanette K. Wenger, MD, MACC, FAHA; James Patrick Zidar, MD, FACC, FSCAI 2022

ACC/AHA Practice Guideline

2011 ACCF/AHA Focused Update Incorporated Into the ACC/AHA 2007 Guidelines for the Management of Patients With Unstable Angina/Non-ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines

Jeffrey L. Anderson, MD, FACC, FAHA, Chair; Cynthia D. Adams, RN, PhD, FAHA;
Elliott M. Antman, MD, FACC, FAHA; Charles R. Bridges, ScD, MD, FACC, FAHA; Robert M. Califf, MD, MACC;
Donald E. Casey, Jr, MD, MPH, MBA, FACP; William E. Chavey II, MD, MS; Francis M. Fesmire, MD, FACEP;
Judith S. Hochman, MD, FACC, FAHA; Thomas N. Levin, MD, FACC, FSCAI; A. Michael Lincoff, MD, FACC;
Eric D. Peterson, MD, MPH, FACC, FAHA; Pierre Theroux, MD, FACC, FAHA;
Nanette Kass Wenger, MD, FACC, FAHA; R. Scott Wright, MD, FACC, FAHA **Web Site Feature** ★e426–e579

Images in Cardiovascular Medicine

Large Aortic Pseudoaneurysm, From Left Coronary Ostium, With Aortopulmonary Fistula 10 Years After Aortic Root Replacement for Type A Aortic Dissection

Robert Ibe, MRCS; Nabi Bahktari, FRCSI; Chris Davidson, FRCP; David Hildick-Smith, MD;
Michael Lewis, FRCS, MD **Web Site Feature** ★e580–e582

An Unusual Heart Failure: Cardiac Amyloidosis Due to Light-Chain Myeloma

Nicola Martinelli, MD, PhD; Pietro Carleo, MD; Domenico Girelli, MD, PhD;
Oliviero Olivieri, MD **Web Site Feature** ★e583–e584

Correspondence

Letter by McEvoy Regarding Article, “Pathogenesis of Sudden Unexpected Death in a Clinical Trial of Patients With Myocardial Infarction and Left Ventricular Dysfunction, Heart Failure, or Both”

John W. McEvoy, MB, BCh, BAO, BMedSc, MRCP **Web Site Feature** ★e585

Response to Letter Regarding Article, “Pathogenesis of Sudden Unexpected Death in a Clinical Trial of Patients With Myocardial Infarction and Left Ventricular Dysfunction, Heart Failure, or Both”

Anne-Catherine Pouleur, MD, PhD; Ebrahim Barkoudah, MD; Hajime Uno, PhD; Hicham Skali, MD, MSc;
Peter V. Finn, MD; Steven L. Zelenkofske, DO; Yuri N. Belenkov, MD, PhD; Viacheslav Mareev, MD;
Eric J. Velazquez, MD; Jean L. Rouleau, MD; Aldo P. Maggioni, MD; Lars Køber, MD; Robert M. Califf, MD;
John J.V. McMurray, MD; Marc A. Pfeffer, MD, PhD; Scott D. Solomon, MD **Web Site Feature** ★e586–e587

Letter by Poullis Regarding Article, “Visceral Arterial Compromise During Intra-Aortic Balloon Counterpulsation Therapy”

Michael Poullis, BSc(Hons), MBBS, MD, MIEEE, FRCS(CTh) **Web Site Feature** ★e588

Response to Letter Regarding Article, “Visceral Arterial Compromise During Intra-Aortic Balloon Counterpulsation Therapy”

Ardawan Julian Rastan, MD, PhD; Eugen Tillmann, MD; Sreekumar Subramanian, MD, Lukas Lehmkuhl, MD;
Anne Kathrin Funkat, PhD; Sergej Leontyev, MD; Torsten Doenst, MD, PhD; Thomas Walther, MD, PhD;
Matthias Gutberlet, MD, PhD; Friedrich Wilhelm Mohr, MD, PhD **Web Site Feature** ★e589

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