FRAME OF REFERENCE

On My Mind
A Surgeon’s View on the Pathogenesis of Atherosclerosis
Axel Haverich, MD

ORIGINAL RESEARCH ARTICLES

Wide Variation in Reported Rates of Stroke Across Cohorts of Patients With Atrial Fibrillation
Gene R. Quinn, MD, MS; Olivia N. Severdija, MD; Yuchiao Chang, PhD; Daniel E. Singer, MD

Editorial
Adding Rigor to Stroke Rate Investigations in Patients With Atrial Fibrillation
Peter Brønnum Nielsen, PhD; Gregory Y. H. Lip, MD

Heart Failure Stages Among Older Adults in the Community: The Atherosclerosis Risk in Communities Study
Amil M. Shah, MD, MPH; Brian Claggett, PhD; Laura R. Loehr, MD, PhD; Patricia P. Chang, MD, MHS; Kunihiro Matsushita, MD, PhD; Dalane Kitzman, MD; Suma Konety, MD; Anna Kucharska-Newton, PhD, MPH; Carla A. Sueta, MD, PhD; Thomas H. Mosley, PhD; Jacqueline D. Wright, DrPH; Joseph Coresh, MD, PhD; Gerardo Heiss, MD, PhD; Aaron R. Folsom, MD, MPH; Scott D. Solomon, MD

Ticagrelor Compared With Clopidogrel in Patients With Prior Lower Extremity Revascularization for Peripheral Artery Disease
W. Schuyler Jones, MD; Iris Baumgartner, MD; William R. Hiatt, MD; Gretchen Heizer, MS; Michael S. Conte, MD; Christopher J. White, MD; Jeffrey S. Berger, MD, MS; Peter Held, MD, PhD; Brian G. Katona, PharmD; Kenneth W. Mahaffey, MD; Lars Norgren, MD, PhD; Juuso Blomster, MD; Marcus Millegård, MSc; Craig Reist, PhD; Manesh R. Patel, MD; F. Gerry R. Fowkes, MD; On behalf of the International Steering Committee and Investigators of the EUCLID Trial

LPA Gene, Ethnicity, and Cardiovascular Events
Sang-Rok Lee, MD, PhD; Anand Prasad, MD; Yun-Seok Choi, MD, PhD; Chao Xing, PhD; Paul Clopton, MS; Joseph L. Witztum, MD; Sotirios Tsimikas, MD

Prognostic Value of N-Terminal Pro-B-Type Natriuretic Peptide, Troponin-T, and Growth-Differentiation Factor 15 in Adult Congenital Heart Disease
Vivan J.M. Baggen, MD; Annemien E. van den Bosch, MD, PhD; Jannet A. Eindhoven, MD, PhD; Monique de Waart; Ron H.N. van Schaik, PhD; Felix Zijlstra, MD, PhD; Eric Boersma, MSc, PhD; Jolien W. Roos-Hesselink, MD, PhD

Endothelial Microparticles From Acute Coronary Syndrome Patients Induce Premature Coronary Artery Endothelial Cell Aging and Thrombogenicity: Role of the Ang II/AT1 Receptor/NADPH Oxidase-Mediated Activation of MAPKs and PI3-Kinase Pathways
Malak Abbas, PhD; Laurence Jesel, MD, PhD; Cyril Auger, PhD; Lamia Amoura; Nathan Messas, MD; Guillaume Manin, MD; Cordula Rumiq, PhD; Antonio J. León-González, PhD; Thais P. Ribeiro, PhD; Grazielle C. Silva, PhD; Raghida Abou-Merhi, PhD; Eva Hamade, PhD; Markus Hecker, PhD; Yannick Georg, MD; Nabil Chakfe, MD, PhD; Patrick Ohlmann, MD, PhD; Valérie B. Schini-Kerth, PhD; Florence Toto, PhD; Olivier Morel, MD, PhD

On the Cover: Circulation Doodle
Happy New Year and Best Wishes for 2017 from Circulation.
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STATE OF THE ART

In Depth
Exercise Dynamics in Secondary Mitral Regurgitation: Pathophysiology and Therapeutic Implications
Philippe B. Bertrand, MD, MSc, PhD; Ehud Schwammenthal, MD, PhD; Robert A. Levine, MD; Pieter M. Vandervoort, MD

CORRESPONDENCE

Research Letter
Effect of Clopidogrel by Smoking Status on Secondary Stroke Prevention
Bruce Ovbiagele, MD; Jing Wang, MD; S. Claiborne Johnston, MD, PhD; Anxin Wang, MS; David Wang, DO; Yongjun Wang, MD; Xingquan Zhao, MD, PhD; Yilong Wang, MD, PhD

Correspondence
Letter by Colli and Gerosa Regarding Article, “Transapical Beating-Heart Mitral Valve Repair With an Expanded Polytetrafluoroethylene Cordal Implantation Device: Initial Clinical Experience”
Andrea Colli, MD, PhD; Gino Gerosa, MD

James S. Gammie, MD; Peter Wilson, BSMET; Krzysztof Bartus, MD, PhD; Andrzej Gackowski, MD, PhD; Judy Hung, MD; Michael N. D’Ambra, MD; Piotr Kolsut, MD, PhD; Gregory J. Bittle, MD; Piotr Szymanski, MD, PhD; Jerzy Sadowski, MD, PhD; Boguslaw Kaplak, MD, PhD; Agata Bilewska, MD, PhD; Mariusz Kusmierczyk, MD; Mehrdad Ghoreishi, MD

Letter by Dhruva and Redberg Regarding Article, “Sex and Race/Ethnicity Differences in Implantable Cardioverter-Defibrillator Counseling and Use Among Patients Hospitalized With Heart Failure: Findings From the Get With The Guidelines-Heart Failure Program”
Sanket S. Dhruva, MD; Rita F. Redberg, MD, MSc

Response by Hess et al to Letter Regarding Article, “Sex and Race/Ethnicity Differences in Implantable Cardioverter-Defibrillator Counseling and Use Among Patients Hospitalized With Heart Failure: Findings From the Get With The Guidelines-Heart Failure Program”
Paul L. Hess, MD, MHS; Adrian F. Hernandez, MD, MHS; Deepak L. Bhatt, MD, MPH; Anne S. Hellkamp, MS; Clyde W. Nance, MD, MSc; Lee H. Schwamm, MD; Eric D. Peterson, MD, MPH; Phillip J. Schulte, PhD; Gregg C. Fonarow, MD; Sana M. Al-Khatib, MD, MHS