FRAME OF REFERENCE

Perspective
Caution Regarding Government-Mandated Shared Decision Making for Patients With Atrial Fibrillation
Megan Coylewright, MD, MPH; David R. Holmes, Jr, MD

Paths to Discovery
Here Comes Trouble: A Career as a Tobacco Control Activist
Stanton A. Glantz, PhD; John D. Rutherford, MD

ORIGINAL RESEARCH ARTICLES

Randomized Comparison of Paclitaxel-Eluting Balloon and Stenting Versus Plain Balloon Plus Stenting Versus Directional Atherectomy for Femoral Artery Disease (ISAR-STATH)
Ilka Ott, MD; Salvatore Cassese, MD; Philipp Groha, MD; Birgit Steppich, MD; Martin Hadamitzky, MD; Sebastian Kufner, MD; Karl Dewitz, MS; Regina Hiendlmayer, MS; Karl-Ludwig Laugwitz, MD; Heribert Schunkert, MD; Adnan Kastrati, MD; Massimiliano Fusaro, MD

Low-Dose Paclitaxel–Coated Versus Uncoated Percutaneous Transluminal Balloon Angioplasty for Femoropopliteal Peripheral Artery Disease: One-Year Results of the ILLUMENATE European Randomized Clinical Trial (Randomized Trial of a Novel Paclitaxel-Coated Percutaneous Angioplasty Balloon)
Henrik Schroeder, MD; Martin Werner, MD; Dirk-Roelfs Meyer, MD; Peter Reimer, MD; Karsten Krüger, MD; Michael R. Jaff, DO; Marianne Brodmann, MD; For the ILLUMENATE EU RCT Investigators

Editorial
Novel Strategies to Reduce Femoropopliteal Restenosis: Low-Dose Paclitaxel-Coated Balloons and Paclitaxel-Coated Balloons Plus Stenting
Andrew M. Goldsweig, MD; Herbert D. Aronow, MD, MPH

Fractional Flow Reserve and Cardiac Events in Coronary Artery Disease: Data From a Prospective IRIS-FFR Registry (Interventional Cardiology Research Incoorporation Society Fractional Flow Reserve)
Jung-Min Ahn, MD; Duk-Woo Park, MD; Eun-Seek Shin, MD; Bon-Kwon Koo, MD; Chang-Wook Nam, MD; Joon-Hyung Doh, MD; Jun Hong Kim, MD; In-Ho Chae, MD; Jung-Han Yoon, MD; Sung-Ho Her, MD; Ki-Bae Seung, MD; Woo-Young Chung, MD; Sang-Yong Yoo, MD; Jin Bae Lee, MD; Si Wan Choi, MD; Kyungh Park, MD; Taek Jong Hong, MD; Sang Yeub Lee, MD; Minikyu Han, PhD; Pil Hyung Lee, MD; Soo-Jin Kang, MD; Seung-Whan Lee, MD; Young-Hak Kim, MD; Cheol Whan Lee, MD; Seong-Wook Park, MD; Seung-Jung Park, MD; On behalf of the IRIS-FFR Investigators

Editorial
Real-Life Fractional Flow Reserve
Bernard De Bruyne, MD, PhD; Stephane Fournier, MD; Emanuele Barbato, MD, PhD

PODCAST

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On the Cover: Circulation Doodle
This month’s Doodle theme is summer solstice. The doodle on this month’s cover was inspired by Dr. Jainy Savla, UT Southwestern Medical Center.
For more information about the doodle, go to http://circ.ahajournals.org/content/circulation-cover-doodle.
ORIGINAL RESEARCH ARTICLES

Genotype-Phenotype Correlation of SCN5A Mutation for the Clinical and Electrocardiographic Characteristics of Probands With Brugada Syndrome: A Japanese Multicenter Registry

Kenichiro Yamagata, MD, PhD; Minoru Horie, MD, PhD; Takeshi Alba, MD, PhD; Satoshi Ogawa, MD, PhD; Yoshitsusa Aizawa, MD, PhD; Tohru Ohe, MD, PhD; Masakazu Yamagishi, MD, PhD; Naomasa Makita, MD, PhD; Harumizu Sakurada, MD, PhD; Toshiiro Tanaka, MD, PhD; Akihiko Shimizu, MD, PhD; Nobuhisa Hagiwara, MD, PhD; Ryaji Kishi, MD, PhD; Yukiko Nakano, MD, PhD; Masahiko Takagi, MD, PhD; Takeru Makiyama, MD, PhD; Seiko Ohno, MD, PhD; Kekichi Fukuda, MD, PhD; Hiroshi Watanabe, MD, PhD; Hiroshi Morita, MD, PhD; Kensi Hayashi, MD, PhD; Kengo Kusano, MD, PhD; Shiro Kamakura, MD, PhD; Satoshi Yasuda, MD, PhD; Hisao Ogawa, MD, PhD; Yoshihiro Miyamoto, MD, PhD; Jamie D. Kaplinter, BA; Michael J. Ackerman, MD, PhD; Wataru Shimizu, MD, PhD

Left Ventricular Dysfunction Switches Mesenchymal Stromal Cells Toward an Inflammatory Phenotype and Impairs Their Reparative Properties Via Toll-Like Receptor-4

Nili Naftali-Shani, PhD; La-Paz Levin-Kotler, MSc; Dahlia Palevski, MSc; Uri Amit, MD, MPH, PhD; David Kain, PhD; Natalie Landa, PhD; Edith Hochhauser, PhD; Jonathan Leor, MD

Modulation of Endothelial Bone Morphogenetic Protein Receptor Type 2 Activity by Vascular Endothelial Growth Factor Receptor 3 in Pulmonary Arterial Hypertension

Cheol Hwangbo, PhD; Heon-Woo Lee, PhD; Hyesoon Kang, MS; Hyekyung Ju, MS; David S. Wiley, PhD; Irina Papangeli, PhD; Jinah Han, PhD; Jun-Dae Kim, PhD; William P. Dunworth, PhD; Xiaoyue Hu, BA; Seyoung Lee, PhD; Omar El-Hely; Avraham Sofer, MD; Boryeong Pak, MS; Laura Peterson, BA; Suzy Comhair, PhD; Eun Mi Hwang, PhD; Jae-Yong Park, PhD; Jean-Leon Thomas, PhD; Victoria L. Bautch, PhD; Serpil C. Erzurum, MD; Hyung J. Chun MD; Suk-Won Jin, PhD

STATE OF THE ART

White Paper

Composite End Points in Clinical Research: A Time for Reappraisal

Paul W. Armstrong, MD; Cynthia M. Westerhoud, PhD

THE PULSE

Cardiology News

From the Literature

Tracy Hampton, PhD

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Research Letter

Safety of Sports for Athletes With Implantable Cardioverter-Defibrillators: Long-Term Results of a Prospective Multinational Registry

Rachel Lampert, MD; Brian Olshtansky, MD; Hein Heidbuchel, MD, PhD; Christine Lawless, MD; Elizabeth Saarel, MD; Michael Ackerman, MD; Hugh Calkins, MD; N.A. Mark Estes, MD; Mark S. Link, MD; Barry J. Maron, MD; Frank Marcus, MD; Melvin Scheinman, MD; Bruce L. Wilkoff, MD; Douglas P. Zipes, MD; Charles I. Berul, MD; Alan Cheng, MD; Luc Jordaens, MD, PhD; Ian Law, MD; Michele Loomis, APRN; Rik Willems, MD, PhD; Cheryl Barth, BS; Karin Broos, BA; Cynthia Brandt, MD; James Dziura, PhD; Fangyong Li, MS; Laura Simone, BA; Kaitleen Vandenberghe, PhD; David Cannom, MD

Association of Feature-Tracking Cardiac Magnetic Resonance Imaging Left Ventricular Global Longitudinal Strain With All-Cause Mortality in Patients With Reduced Left Ventricular Ejection Fraction

Simone Romano, MD; Robert M. Judd, PhD; Raymond J. Kim, MD; Han W. Kim, MD; Igor Klem, MD; John Heitner, MD; Dipan J. Shah, MD; Jennifer Yue, MD; Brent E. White, MD; Chetan Shenoy, MD; Afshin Farzaneh-Far, MD, PhD
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Letter by Moris et al Regarding Article, “Ticagrelor Compared With Clopidogrel in Patients With Prior Lower Extremity Revascularization for Peripheral Artery Disease”
Demetrios Moris, MD, PhD, MACS; Nikolaos Patelis, MD, MSc; Stavros Kakkos, MD, PhD, RVT

Letter by Siasos et al Regarding Article, “Ticagrelor Compared With Clopidogrel in Patients With Prior Lower Extremity Revascularization for Peripheral Artery Disease”
Demetrios Moris, MD, PhD; Gerasimos Siasos, MD, PhD, RVT; Dimitris Tousoulis, MD, PhD

Response by Jones et al to Letter Regarding Article, “Ticagrelor Compared With Clopidogrel in Patients With Prior Lower Extremity Revascularization for Peripheral Artery Disease”
W. Schuyler Jones, MD; William R. Hiatt, MD; Manesh R. Patel, MD

Letter by Harbaoui et al Regarding Article, “Coronary Artery Calcium to Guide a Personalized Risk-Based Approach to Initiation and Intensification of Antihypertensive Therapy”
Brahim Harbaoui, MD, MSc; Pierre-Yves Courand, MD, PhD; Pierre Lantelme, MD, PhD

Response by McEvoy and Blaha to Letter Regarding Article, “Coronary Artery Calcium to Guide a Personalized Risk-Based Approach to Initiation and Intensification of Antihypertensive Therapy”
John W. McEvoy, MB, BCH, BAO, MEHP, MHS; Michael J. Blaha, MD, MPH