

Circulation: Arrhythmia and Electrophysiology

An American Heart
Association Journal

November 2017
Volume 10
Number 11

IN THIS ISSUE: NOVEMBER

ORIGINAL ARTICLES

Characterization of Gadolinium Contrast Enhancement of Radiofrequency Ablation Lesions in Predicting Edema and Chronic Lesion Size e005599

Elyar Ghafoori, MS; Eugene G. Kholmovski, PhD; Sam Thomas, MD; Josh Silvernagel, MS; Nathan Angel, PhD; Nan Hu, PhD; Derek J. Dossall, PhD; Rob MacLeod, PhD; Ravi Ranjan, MD, PhD

Editorial

Cardiac Magnetic Resonance for Lesion Assessment in the Electrophysiology Laboratory e005839

Timothy M. Markman, MD; Saman Nazarian, MD, PhD

Atrial Substrate and Triggers of Paroxysmal Atrial Fibrillation in Patients With Obstructive Sleep Apnea e005407

Elad Anter, MD; Luigi Di Biase, MD, PhD; Fernando M. Contreras-Valdes, MD; Carola Gianni, MD, PhD; Sanghamitra Mohanty, MD; Cory M. Tschabrunn, PhD; Juan F. Viles-Gonzalez, MD; Eran Leshem, MD; Alfred E. Buxton, MD; Guy Kulbak, MD; Rim N. Halaby, MD; Peter J. Zimetbaum, MD; Jonathan W. Waks, MD; Robert J. Thomas, MD, MMSc; Andrea Natale, MD; Mark E. Josephson, MD

Editorial

Atrial Fibrillation and Obstructive Sleep Apnea: Beyond the Pulmonary Veins e005890

Konstantinos C. Siontis, MD; Hakan Oral, MD

Localized Optogenetic Targeting of Rotors in Atrial Cardiomyocyte Monolayers e005591

Iolanda Feola, MSc; Linda Volkens, PhD; Rupamanjari Majumder, PhD; Alexander Teplenin, MSc; Martin J. Schali, MD, PhD; Alexander V. Panfilov, PhD; Antoine A.F. de Vries, PhD; Daniël A. Pijnappels, PhD

Treatment of Atrial Fibrillation and Concordance With the American Heart Association/American College of Cardiology/Heart Rhythm Society Guidelines: Findings From ORBIT-AF (Outcomes Registry for Better Informed Treatment of Atrial Fibrillation) e005051

Adam S. Barnett, MD; Sunghee Kim, PhD; Gregg C. Fonarow, MD; Laine E. Thomas, PhD; James A. Reiffel, MD; Larry A. Allen, MD; James V. Freeman, MD; Gerald Naccarelli, MD; Kenneth W. Mahaffey, MD; Alan S. Go, MD; Peter R. Kowey, MD; Jack E. Ansell, MD; Bernard J. Gersh, MB, CHB, Dphil; Elaine M. Hylek, MD, MPH; Eric D. Peterson, MD; Jonathan P. Piccini, MD, MHS

Editorial

Measuring the Impact of Guideline Concordance: The More Things Change, the More They Stay the Same e005838

Lorne J. Gula, MD; Peter Leong-Sit, MD; Allan C. Skanes, MD

Atrioesophageal Fistula: Clinical Presentation, Procedural Characteristics, Diagnostic Investigations, and Treatment Outcomes e005579

Hui-Chen Han, MBBS, BMedSc; Francis J. Ha, BMedSc; Prashanthan Sanders, MBBS, PhD; Ryan Spencer, MBBS; Andrew W. Teh, MBBS, PhD; David O'Donnell, MBBS; Omar Farouque, MBBS, PhD; Han S. Lim, MBBS, PhD

Editorial

Puzzling Challenge of Atrioesophageal Fistula e005837

Eugene Crystal, MD; Mohammed Shurrab, MD, MSc

Catheter Ablation of Idiopathic Left Posterior Fascicular Ventricular Tachycardia: Predicting the Site of Origin via Mapping and Electrocardiography e005240

Wei Ma, MD; Fengmin Lu, MD; Michael Shehata, MD; Xunzhang Wang, MD; Fan Zhang, MD; Bingwei Chen, MD; Dongyan Wu, MD; Le He, MD; Shan Sun, MD; Aijuan Cheng, MD; Jun Ding, MD; Hongliang Cong, MD; Jing Xu, MD

Editorial

Purkinje Arrhythmia Origin Made Easy e005889

Ahmed Karim Talib, MD, PhD; Akihiko Nogami, MD, PhD

Minimally Invasive Stand-Alone Cox Maze Procedure for Persistent and Long-Standing Persistent Atrial Fibrillation: Perioperative Safety and 5-Year Outcomes e005352

Niv Ad, MD; Sari D. Holmes, PhD; Ted Friebling, MD

Editorial

Successful Minimally Invasive Surgical Ablation of Atrial Fibrillation: A Call to Do Better e005887

Anson M. Lee, MD

Ventricular Tachycardia in the Setting of Chagasic Cardiomyopathy: Use of Voltage Mapping to Characterize Endoepicardial Nonischemic Scar Distribution e004950

Richard Soto-Becerra, MD; Victor Bazan, PhD; William Bautista, MD; Federico Malavassi, MD; Jhancarlo Altamar, MD; Juan David Ramirez, MD; Arlen Everth, MD; David J. Callans, PhD; Francis E. Marchlinski, MD; Diego Rodríguez, MD; Fermin C. García, MD; Luis C. Sáenz, MD

Editorial

Endocardial Unipolar Voltage Maps to Identify Epicardial Circuits During Ventricular Tachycardia Ablation in Chagasic Cardiomyopathy: When the Pot of Gold May Not Be at the Other End of the Rainbow e005885

André Zimmerman, MD; Juan F. Viles-Gonzalez, MD; André d'Ávila, MD, PhD

STABLE-SR (Electrophysiological Substrate Ablation in the Left Atrium During Sinus Rhythm) for the Treatment of Nonparoxysmal Atrial Fibrillation: A Prospective, Multicenter Randomized Clinical Trial e005405

Bing Yang, MD; Chenyang Jiang, MD; Yazhou Lin, MD; Gang Yang, MD; Huimin Chu, MD; Heng Cai, MD; Fengmin Lu, MD; Xianzhang Zhan, MD; Jian Xu, MD; Xinhua Wang, MD; Chi-Keong Ching, MD; Balbir Singh, MD; Young-Hoon Kim, MD; Minglong Chen, MD; for the STABLE-SR Investigators

Editorial

Atrial Substrate Modification for Atrial Fibrillation: Striving to Get Smarter e005840

Prabhat Kumar, MBBS; J. Paul Mounsey, BM BCh, PhD

Architectural T-Wave Analysis and Identification of On-Therapy Breakthrough Arrhythmic Risk in Type 1 and Type 2 Long-QT Syndrome e005648

Alan Sugrue, MBBS; Ram K. Rohatgi, MD; Peter A. Noseworthy, MD; Vaclav Kremen, PhD; J. Martijn Bos, MD, PhD; Bo Qiang, MSc; Yehu Sapir, MSc; Zachi I. Attia, MSc; Christopher G. Scott, MS; Peter Brady, MD; Samuel J. Asirvatham, MD; Paul A. Friedman, MD; Michael J. Ackerman, MD, PhD

Editorial

T-Wave Morphology Analysis to Detect High Risk in Long-QT Syndrome e005920

Elizabeth S. Kaufman, MD; Isabelle Deschênes, PhD

CIRCULATION: ARRHYTHMIA AND ELECTROPHYSIOLOGY (ISSN 1941-3084) 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. AHA/ASA Domestic or International Members have online access to the journal as a benefit of membership. Individuals may subscribe for their personal use at the following annual rates world-wide: \$340 for non-members. AHA membership information can be found online at professional.heart.org.

10 (11)

Circ Arrhythm Electrophysiol. 2017;10:

Circulation: Arrhythmia and Electrophysiology is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231

Copyright © 2017 American Heart Association, Inc. All rights reserved.

Print ISSN: 1941-3149. Online ISSN: 1941-3084

The online version of this article, along with updated information and services, is located on the World Wide Web at:

<http://circep.ahajournals.org/content/10/11>

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in *Circulation: Arrhythmia and Electrophysiology* can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial Office. Once the online version of the published article for which permission is being requested is located, click Request Permissions in the middle column of the Web page under Services. Further information about this process is available in the [Permissions and Rights Question and Answer](#) document.

Reprints: Information about reprints can be found online at:
<http://www.lww.com/reprints>

Subscriptions: Information about subscribing to *Circulation: Arrhythmia and Electrophysiology* is online at:
<http://circep.ahajournals.org/subscriptions/>