Editorials

What Is the Best Age for Diagnostic Prediction of Pediatric Long-QT Syndrome With a Borderline QT Interval?
Aya Miyazaki, MD; Hiraku Doi, MD ................................................................. e005119

Drug-Induced Arrhythmias, Precision Medicine, and Small Data
Glenn I. Fishman, MD ................................................................. e005208

Discerning From the Good, the Bad, and the Ugly
Marina Cerrone, MD ................................................................. e005209

Original Articles

Determinants of Acute and Late Pulmonary Vein Reconnection in Contact Force–Guided Pulmonary Vein Isolation: Identifying the Weakest Link in the Ablation Chain
Milad El Haddad, MSc, PhD; Philippe Taghji, MD; Thomas Philips, MD; Michael Wolf, MD; Anthony Demolder, MD; Rajin Choudhury, MD; Sébastien Knecht, MD, PhD; Yves Vandekerckhove, MD; Rene Tavernier, MD, PhD; Hiroshi Nakagawa, MD, PhD; Mattias Duytschaever, MD, PhD ........................................ e004867

Visualizing Localized Reentry With Ultra–High Density Mapping in Iatrogenic Atrial Tachycardia: Beware Pseudo-Reentry
Vishal Luther, MRCP; Markus Sikkel, MRCP, PhD; Nathan Bennett, MEng; Fernando Guerrero, BSc; Kevin Leong, MRCP; Norman Qureshi, MRCP, PhD; Fu Siong Ng, MRCP, PhD; Sajad A. Hayat, MRCP, PhD; S.M. Afzal Sohaib, MRCP, PhD; Louisa Malcolm-Lawes, MRCP, PhD; Elaine Lim, BSc; Ian Wright, BSc; Michael Koa-Wing, MRCP, PhD; David C. Lefroy, MA, FRCP; Nick W.F. Linton, MEng, MRCP, PhD; Zachary Whinnett, MRCP, PhD; Prapa Kanagaratnam, PhD; D. Wyn Davies, MD; Nicholas S. Peters, MD; Phang Boon Lim, MRCP, PhD ........................................ e004724

Premature Ventricular Contraction Coupling Interval Variability Destabilizes Cardiac Neuronal and Electrophysiological Control: Insights From Simultaneous Cardioneural Mapping
David Hamon, MD; Pradeep S. Rajendran, BS; Ray W. Chui, MS; Olujimi A. Ajjola, MD, PhD; Tadanobu Irie, MD, PhD; Ramin Talebi, BS; Siyamak Salavatian, PhD; Marmar Vaseghi, MD, PhD; Jason S. Bradfield, MD; J. Andrew Armour, MD, PhD; Jeffrey L. Ardell, PhD; Kalyanam Shivkumar, MD, PhD ........................................ e004937

Effect of Age and Sex on the QTc Interval in Children and Adolescents With Type 1 and 2 Long-QT Syndrome
Arja S. Vink, MD, MSc(EBP); Sally-Ann B. Clur, MBCh, MSc(Med), FCP(SA)Paed, PhD; Ronald B. Geskus, PhD; Andreas C. Blank, MD, PhD; Charlotte C.A. De Kezel, MD; Masao Yoshinaga, MD, PhD; Nynke Hofman, PhD; Arthur A.M. Wilde, MD, PhD; Nico A. Blom, MD, PhD ........................................ e004645

Azithromycin Causes a Novel Proarrhythmic Syndrome
Zhenjiang Yang, MD, PhD; Joseph K. Prinsen, DO, PhD; Kevin R. Bersell, PhD; Wangzhen Shen, MD; Liudmila Yermalitskaya, PhD; Tatiana Sidorova, PhD; Paula B. Luis, PhD; Lynn Hall, BA; Wei Zhang, MS; Liping Du, PhD; Ginger Milne, PhD; Patrick Tucker, PhD; Alfred L. George Jr, MD; Courtney M. Campbell, MD, PhD; Robert A. Pickett, MD; Christian M. Shaffer, BS; Nagesh Chopra, MD; Tao Yang, MD, PhD; Bjorn C. Knollmann, MD, PhD; Dan M. Roden, MD; Katherine T. Murray, MD ........................................ e003560
Interpreting Incidentally Identified Variants in Genes Associated With Catecholaminergic Polymorphic Ventricular Tachycardia in a Large Cohort of Clinical Whole-Exome Genetic Test Referrals
Andrew P. Landstrom, MD, PhD; Andrew L. Dailey-Schwartz, MD, MPH; Jill A. Rosenfeld, MS; Yaping Yang, PhD; Margaret J. McLean, BSN; Christina Y. Miyake, MD; Santiago O. Valdes, MD; Yuxin Fan, MD, PhD; Hugh D. Allen, MD; Daniel J. Penny, MD, PhD; Jeffrey J. Kim, MD

Disease Severity and Exercise Testing Reduce Subcutaneous Implantable Cardioverter-Defibrillator Left Sternal ECG Screening Success in Hypertrophic Cardiomyopathy
Neil T. Srinivasan, MD; Kiran H. Patel, MD; Kashif Qamar, MSc; Amy Taylor, MSc; Marco Bacà, MD; Rui Providência, MD, PhD; Maria Tome-Esteban, MD, PhD; Perry M. Elliott, MD, PhD; Pier D. Lambiase, MD, PhD

External Arrhythmia Ablation Using Photon Beams: Ablation of the Atrioventricular Junction in an Intact Animal Model
H. Immo Lehmann, MD; Amanda J. Deisher, PhD; Mitsuru Takami, MD; Jon J. Kruse, PhD; Limin Song, PhD; Sarah E. Anderson, PhD; Jack T. Cusma, PhD; Kay D. Parker, CVT; Susan B. Johnson, BS; Samuel J. Asirvatham, MD; Robert C. Miller, MD; Michael G. Herman, PhD; Douglas L. Packer, MD

Advances in Arrhythmia and Electrophysiology
Challenges and Pitfalls of Entrainment Mapping of Ventricular Tachycardia: Ten Illustrative Concepts
Roderick Tung, MD