IN THIS ISSUE: SEPTEMBER

ORIGINAL ARTICLES

Natural History and Clinical Predictors of Atrial Tachycardia in Adults With Congenital Heart Disease
Pablo Ávila, MD; José María Oliver, MD, PhD; Pastora Gallego, MD, PhD; Ana González-García, MD; María José Rodríguez-Puras, MD; Esther Cambrónero, MD; José Ruiz-Cantador, MD; Ana Campos, MD; Rafael Peinado, MD, PhD; Raquel Prieto, MD, PhD; Fernando Sarnago, MD; Raquel Yotti, MD, PhD; Francisco Fernández-Avilés, MD, PhD

Atrial Tachyarrhythmia in Congenital Heart Disease: Beyond the Suture Lines
Elisabeth M.J.P. Mouws, MD; Natasja M.S. de Groot, MD, PhD

Failure to Treat Life-Threatening Ventricular Tachyarrhythmias in Contemporary Implantable Cardioverter–Defibrillators: Implications for Strategic Programming
Anna Margrethe Thøgersen, MD, DMSc; Jacob Møesgaard Larsen, MD, PhD; Jens Brock Johansen, MD, PhD; Moeen Abedin, MD; Charles D. Swerdlow, MD

Strategic Programming for Implantable Cardioverter–Defibrillator Shock Reduction: Following the Greatest Happiness Principle?
Felix Krainski, MD; Ulrika Birgersdotter-Green, MD

Initial Clinical Experience With a New Automated Antitachycardia Pacing Algorithm: Feasibility and Safety in an Ambulatory Patient Cohort
Raymond Yee, MD, FRCP; John D. Fisher, MD; Ulrika Birgersdotter-Green, MD; Timothy W. Smith, DPhil, MD; David N. Kenigsberg, MD; Robert Canby, MD; Troy Jackson, MS; Robert Taepke, MS; Paul DeGroot, MS

Optimizing Antitachycardia Pacing: Back to the Roots
David Duncker, MD; Christian Veltmann, MD

Differentiating the QRS Morphology of Posterior Fascicular Ventricular Tachycardia From Right Bundle Branch Block and Left Anterior Hemiblock Aberrancy
Yoav Michowitz, MD; Ohali Tovia-Brodie, MD; Ishai Heusler, MD; Avi Sabbag, MD; Michael Rahkovich, MD; Hezzy Shmuelli, MD; Aharon Glick, MD; Bernard Belfas, MD

Electrocardiographic Findings of Fascicular Ventricular Tachycardia Versus Supraventricular Tachycardia With Aberrancy: Why the Difference?
Joshua D. Moss, MD; Melvin M. Scheinman, MD

Clinical Yield of Familial Screening After Sudden Death in Young Subjects: The French Experience
Pauline Quenin, MD; Florence Knydt, PharmD, PhD; Philippe Mabo, MD, PhD; Jacques Mansourati, MD, PhD; Dominique Babuty MD, PhD; Aurélie Thollet, PharmD, PhD; Béatrice Guyomarch, MS, Richard Redon, PhD; Julien Barc, PhD; Jean-Jacques Schott, PhD; Frederic Sacher, MD, PhD; Vincent Probst, MD, PhD; Jean Baptiste Gourraud MD, PhD
Editorial
Efficacy of Familial Screening After Sudden Cardiac Death in Young Adults Irrespective of Postmortem Analysis: Implication of a Pharmacological Challenge as a First Step of Screening
Atsuhiko Yagishita, MD; Kenzo Hirao, MD

Outcomes of Telemedicine Video-Conferencing Clinic Versus In-Person Clinic Follow-Up for Implantable Cardioverter-Defibrillator Recipients
Khidir Dalouk, MD; Nainesh Gandhi, MD; Peter Jessel, MD; Karen MacMurdy, MD; Ignatius Gerardo Zarraga, MD; Michael Lasarev, MS; Merritt Raitt, MD

Editorial
Telemedicine for Management of Implantable Defibrillators: Lessons Learned and a Look Toward the Future
Mintu P. Turakhia, MD, MAS

Epicardial Breakthrough Waves During Sinus Rhythm: Depiction of the Arrhythmogenic Substrate?
Elisabeth M.J.P. Mouws, MD; Eva A.H. Lanters, MD; Christophe P. Teuwen, MD; Lisette J.M.E. van der Does, MD; Charles Kik, MD; Paul Knops, BSc; Jos A. Bekkers, MD, PhD; Ad J.J.C. Bogers, MD, PhD; Natasja M.S. de Groot, MD, PhD

Editorial
Propagation of Sinus Waves in the Atrial Architecture: When Laminar Electrical Fluxes Turn Turbulent
David Calvo, MD, PhD; David Filgueiras-Rama, MD, PhD; José Jalife, MD

Technical Considerations on Phase Mapping for Identification of Atrial Reentrant Activity in Direct- and Inverse-Computed Electrograms
Miguel Rodrigo, PhD; Andreu M. Climent, PhD; Alejandro Liberos, PhD; Francisco Fernández-Avilés, MD, PhD; Omer Berenfeld, PhD; Felipe Atienza, MD, PhD; Maria S. Guillem, PhD

Editorial
Rotors: How Do We Know When They Are Real?
Konstantinos N. Aronis, MD; Ronald D. Berger, MD, PhD; Hiroshi Ashikaga, MD, PhD

Resolving Bipolar Electrogram Voltages During Atrial Fibrillation Using Omnipolar Mapping
Shouvik K. Haldar, MD; Karl Magtibay, MASC; Andreu Porta-Sanchez, MD; Stéphane Massé, MASC; Nicholas Mitsakakis, PhD; Patrick F.H. Lai, MSc; Mohammed Ali Azam, PhD; John Asta Marjan Kusha, MEng; Paul Dorian, MD, CM, MSc; Andrew C.T. Ha, MD; Vijay Chauhan, MD; D. Curtis Deno, MD, PhD; Kumaraswamy Nanthakumar, MD

Editorial
Omnipolar Mapping: A Method to Improve the Fidelity of Voltage Mapping to Guide Substrate-Based Atrial Fibrillation Ablation?
Jackson J. Liang, DO; Cory M. Tschabrunn, PhD; Francis E. Marchlinski, MD

REVIEW
Microstructure, Cell-to-Cell Coupling, and Ion Currents as Determinants of Electrical Propagation and Arrhythmogenesis
Jan P. Kucera, MD; Stephan Rohr, MD; Andre G. Kleber, MD