



### Arrhythmias and Clinical EP - Scientific Session

#### Session #605

**Syncope: What's New and Hot, From the Expert Consensus 2015**

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert S. Sheldon

Co-Chair: Win-Kuang Shen

Panelist: Brian Olshansky

Panelist: Carlos A. Morillo

Panelist: Richard Sutton Kingdom

8:00 a.m.

POTS and IAST: What Is the Bottom Line From the Expert Consensus Statement 2015?

Satish Raj

Nashville, TN

8:10 a.m.

Panel Discussion

8:20 a.m.

Recurrent Vasovagal Syncope: How Do I Approach My Patients?

Karen Friday

Stanford, CA

8:30 a.m.

Panel Discussion

8:40 a.m.

Loop Recorders for Syncope Evaluation: So Many, Which One to Choose, What Is the Evidence?

Andrew D. Krahn

Vancouver, Canada

8:50 a.m.

Panel Discussion

9:00 a.m.

ACC Talk: The Future

David G. Benditt

Minneapolis, MN

9:10 a.m.

Panel Discussion

9:20 a.m.

Question and Answer

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1116

#### New Insights Into Device Therapy

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - Left Ventricular Lead Related Complications in Quadripolar Versus Bipolar Leads

Shasank Rijal, Jonathan Wolfe, Andrew Althouse, Rohit Rattan, Sandeep Jain, Samir Saba, University Of Pittsburgh, Heart and Vascular Institute, Pittsburgh, PA, USA

325 - Factors Associated With Lead Extraction Complications

Breno Bernardes de Souza, Carlos Macias, Jason Bradfield, Eric Buch, Noel Boyle, UCLA Cardiac Arrhythmia Center, UCLA Health System, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

326 - Procedural Outcomes and Long-Term Survival Following Trans-Venous Defibrillator Lead Extraction in Patients With End-Stage Renal Disease  
Anand D. Shah, Lakshmi P. Peddareddy, Maher Addish, Kimberly Kelly, Adarsh U. Patel, Mary Casey, Abhinav Goyal, Angel Leon, Mikhael El-Chami, Faisal Merchant, Emory University School of Medicine, Atlanta, GA, USA

327 - The Role of Implantable Cardioverter Defibrillators (ICDs) in Patients With a Left Ventricular Assist Device (LVAD): A Systematic Review and Meta-Analysis

Divyang Patel, Vic Hasselblad, Chetan Patel, Sean Pokorney, Emily Zeitler, Joseph Rogers, James Daubert, Prateeti Khazanie, Albert Sun, Robert Mentz, Donald Hegland, Adrian Hernandez, Sana Al-Khatib, Duke University Medical Center Department of Medicine, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

328 - Patient Awareness of Implantable Cardioverter Defibrillator-Therapy Deactivation When the End Is Near

Dilek Yilmaz, Martin Schlij, Lieselot van Erven, Leiden University Medical Center, Leiden, The Netherlands

329 - ICD Lead Malfunction due to Failure at the Device-Tissue Interface

Robert G. Hauser, Raed Abdelhadi, Ross Garberich, William Katsiyannis, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA, Abbott Northwestern Hospital, Minneapolis, MN, USA

330 - Optimal Time for Subcutaneous Implantable Defibrillator Screening in Patients Requiring Hemodialysis

Abhinav Saxena, Shyam Shankar, On Chen, Azizul Rehman, Peter Homel, Avraham Miller, Nishanth Pundru, Chukwuemeka M. Acholonu, Jignesh Patel, Olga Rao, Yisachar Greenberg, Felix Yang, Maimonides Medical Center, Brooklyn, NY, USA

331 - Clinical Outcomes After Cardiac MRI Scans of Non-MRI-Safe Cardiac Implantable Electronic Devices

Justin Halbe, Judith Fox, James Oujiri, James Roth, Marcie Berger, Jason Rubenstein, Medical College of Wisconsin, Milwaukee, WI, USA

332 - Management of Functional Sprint Fidelis Implantable Cardioverter-Defibrillator Leads at Cardiac Resynchronization Therapy-Defibrillator Generator Replacement: An Alternative Approach for Prevention of Inappropriate Shocks Caused by Lead Failure

Dennis Zhu, Matthew M. Chu, Kristen A. Lavell, Chad House, Regions Hospital & HealthPartners Medical Group, St. Paul, MN, USA, University of Minnesota Medical School, Minneapolis, MN, USA

333 - Predictors of Cardiac Tamponade From Permanent Pacemaker Implantation: Analysis of 1,014,713 Procedures

Elena Dolmatova, Kasra Moazzami, Victor Mazza, Marc Klapholz, Alfonso Waller, New Jersey Medical School, Rutgers, The State University of New Jersey, Newark, NJ, USA

334 - Lead Model Affects Survival and Complication Rates From Laser Lead Extraction

Heath E. Saltzman, Eric Hammill, Faiz Subzposh, Ashwani Gupta, Ankur Tiwari, Steven Kutalek, Drexel University College of Medicine, Philadelphia, PA, USA, Boston Scientific, St. Paul, MN, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1117

#### Methods for Evaluation for Atrial Fibrillation Ablation and LAA

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

335 - Treatment and Discharge Patterns Among Patients Hospitalized With Non-Valvular Atrial Fibrillation Who Transition From the Inpatient to Outpatient Setting



Henry Henk, Kenneth Tuell, Kwanza Price, Jack Mardekian, Kevin Odell, Chad Patel, Mario Mendoza, Shalabh Singhal, Jeffrey Trocio, Lien Vo, Optum, Eden Prairie, MN, USA

336 - Left Atrial Appendage Exclusion in Patients With Atrial Fibrillation Is Associated With a Decreased Risk of Stroke

Aalap Narichania, Victor Abrich, William Love, Dan Sorajja, Mayo Clinic, Scottsdale, AZ, USA

337 - Sinus Rhythm Heart Rate Post Atrial Fibrillation Ablation May Predict Outcomes Post Ablation

Ammar M. Killu, Alan Sugrue, Vaibhav Vaidya, Kristi Monahan, Charles Lenz, Vidhushei Yogeswaran, Philip Y. Sun, David Hodge, Peter Brady, Paul Friedman, Douglas Packer, Samuel Asirvatham, Mayo Clinic, Rochester, MN, USA, Mayo Clinic, Jacksonville, FL, USA

338 - Derivation and Validation of a Simple Diastolic Function Parameter for the Prediction of Left Atrial Appendage Thrombus in Patients With Nonvalvular Atrial Fibrillation

Mita Patel, Marwan Wassouf, Enrique Garcia-Sayan, Rojina Pant, Giv Bateni Heidari, Saurabh Shah, Oliver D'Silva, Richard Kehoe, Rami Doukky, Rush University Medical Center, Chicago, IL, USA, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

339 - Comparison of Remote Magnetic Catheter Navigation With Manual Technique for Catheter Ablation of Atrial Fibrillation: A Single Center Study  
Shiwen Yuan, Fredrik Holmqvist, Ole Kongstad, Steen Jensen, Lingwei Wang, Erik Ljungstrom, Eva Hertervig, Rasmus Borgquist, Department of Arrhythmias, Lund University Hospital, Lund, Sweden

340 - Left Atrial Appendage Morphology and Stroke Risk in Patients With Atrial Fibrillation: A Meta-Analysis

Florentino Lupercio, Juan Carlos Diaz, Pedro Villablanca Spinetto, David Briceno, Jorge Romero, Susana Gonzalez, Carola Maraboto, Andrew Krummerman, Mario Garcia, Andrea Natale, Luigi Di Biase, Montefiore Medical Center, Bronx, NY, USA

341 - Comparative Effectiveness of Hybrid Ablation Versus Endocardial Ablation Alone in Patients With Persistent Atrial Fibrillation: A Retrospective Analysis

Jasbir Sra, Jodi L. Zilinski, Indrajit Choudhuri, Lynn M. Erickson, Tadele W. Mengesha, David Krum, David C. Kress, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA, Aurora Research Institute, Milwaukee, WI, USA

342 - Emergency Department Use of an Atrial Fibrillation Triage Tool Safely Directs Outpatient Management and Reduces Costs

Archie A. Tyson, Hae Lim, David Fitzgerald, Cornerstone Health Care, High Point, NC, USA

343 - Postoperative Atrial Fibrillation and Stroke Following Left Atrial Appendage Closure During Routine Cardiac Surgery

Khalil Anouti, Waqas Qureshi, Mohammad El Baba, Marwan Refaat, Lankenau Medical Center, Wynnewood, PA, USA

344 - Predicting Outcomes in Patients With Atrial Fibrillation and Acute Mesenteric Ischemia

Muhammad Shahreyar, Geetanjali Dang, Sanjay Bhandari, Ahmad Hanif, Mohammad W. Bashir, Vijayadershan Muppidi, Atul Bhatia, Jasbir Sra, A. Jamil Tajik, Arshad Jahangir, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA, Medical College of Wisconsin, Milwaukee, WI, USA

345 - Experience of Percutaneous Left Atrial Appendage Suture Ligation: Results From a United States Multicenter Evaluation

Muhammad Rizwan Afzal, Randall Lee, Hosakote Nagaraj, David Tschopp, Brett Gidney, Christopher Ellis, Saibal Kar, Varuna Gadiyaram, Rudolph Evonich, Abdi Rasekh, Jie Cheng, Frank Cuoco, Sheetal Chandhok, Sampath Gunda, Sandia Iskandar, Madhu Reddy, Donita Atkins, Sudharani Bommana, Phillip Cuculich, Douglas Gibson, Jayant Nath, Matthew Earnest, David Wilber, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

346 - Utilization of an Advanced Ablation Lesion Annotation System With Force Sensing Catheters Dramatically Reduces Adenosine Induced Pulmonary Vein Reconnection Following Radiofrequency Ablation for Atrial Fibrillation

Guy Rozen, Kevin Heist, Moshe Rav Acha, Leon Ptaszek, Jeremy Ruskin, Moussa Mansour, Massachusetts General Hospital, Boston, MA, USA

347 - Difference in the Impact of BNP and Peak VO<sub>2</sub> on Future Heart Failure Events Between Atrial Fibrillation and Sinus Rhythm

Yuko Kato, Shinya Suzuki, Hiroaki Semba, Tokuhisa Uejima, Hiroto Kano, Shunsuke Matsuno, Hideaki Takai, Takayuki Otsuka, Yuji Oikawa, Kazuyuki Nagashima, Hajima Kirigaya, Koichi Sagara, Takashi Kuniyama, Junji Yajima, Hitoshi Sawada, Tadanori Aizawa, Takeshi Yamashita, The Cardiovascular Institute, Tokyo, Japan

348 - Blood Pressure Reduction Following Percutaneous Left Atrial Appendage Occlusion in Hypertensive Atrial Fibrillation Patients

Yang Ye, Chen-Yang Jiang, From the Department of Cardiology, Sir Run Run Shaw Hospital, College of Medicine, Zhejiang University, Hangzhou, People's Republic of China

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1118

#### Atrial Fibrillation: Predictors, Treatments, Special Populations

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

350 - The Impact of Atrial Fibrillation on Clinical Outcome and Mortality According to Subtype in Patients With Autoimmune Rheumatic Diseases

Yongsoo Baek, Hanchool Lee, Tae-Hoon Kim, Jae-Sun Uhm, Kim Jong-Youn, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Division of Cardiology, Yonsei University College of Medicine, Seoul, South Korea

351 - Outcomes Associated With Electrical Cardioversion for Atrial Fibrillation When Performed Autonomously by an Advance Practice Provider

Theresa Strzelczyk, Meenakshi Medler, Bradley Knight, Northwestern Medicine Northwestern Memorial Hospital, Chicago, IL, USA

352 - Impact of Left Atrial Appendage Exclusion on Systemic Homeostasis (The LAA HOMEOSTASIS Study)

Dhanunjaya R. Lakkireddy, Donita Atkins, Johnson Rajasingh, Muhammad Afzal, Madhu Reddy, Matthew Earnest, Arun Kanmanthareddy, Sudharani Bommana, Jayant Nath, Ryan Ferrell, Steven Bormann, Melissa Jaeger, Randall Lee, Krysztof Bartus, Kay Ryshon, University of Kansas Medical Center, Kansas City, KS, USA

353 - Does Left Atrial Appendage Exclusion Using an Epicardial System Reduce Systemic Blood Pressures? The Dawn of a New Frontier

Dhanunjaya R. Lakkireddy, Johnson Rajasingh, Sandia Iskandar, Muhammad Afzal, Matthew Earnest, Donita Atkins, Sudharani Bommana, Luigi Di Biase, Sacha Salzberg, Basel Ramlawi, Rakesh Gopinathannair, Andrea Natale, James Cox, University of Kansas Medical Center, Kansas City, KS, USA



354 - Mechanical Function of Left Atrium Is Improved With Epicardial Ligation of Left Atrial Appendage: Insights From Lariat-Lariat Registry

Muhammad Rizwan Afzal, Shelby Kutty, Quanliang Shang, Sampath Gunda, Sandia Iskandar, Anweshan Samanta, Arun Kanmanthareddy, Madhu Reddy, Donita Atkins, Sudharani Bommana, Buddhadeb Dawn, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

355 - Management and Outcomes of Patients With Atrial Fibrillation and Cancer: The ORBIT-AF Registry

Chiara Melloni, Peter Shrader, Joseph Carver, Jonathan Piccini, Gregg Fonarow, Jack Ansell, Bernard Gersh, Alan Go, Elaine Hylek, Irving Herling, Kenneth Mahaffey, Eric Peterson, Peter Kowey, Duke Clinical Research Institute, Durham, NC, USA

356 - A Newly Developed Disease Specific Patient Reported Outcome Measure Illustrates Improvements in Patient Symptoms Following Cardiac Ablation

Kathleen Withers, Mauro Lencioni, Judith White, Grace Carolan-Rees, Kathryn Wood, Hannah Patrick, Michael Griffith, Cardiff & Vale University Health Board, Cardiff, United Kingdom, University Hospitals Birmingham NHS Foundation Trust, Birmingham, United Kingdom

357 - Baseline Red Cell Distribution Width Independently Predicts Post-Operative Atrial Fibrillation

Joseph G. Akar, Georges El-Hachem, Bassem Ayyash, Anis Kadado, Rim Al Nabhout, Nader Lamaa, Haikun Bao, Bassam Abou Khalil, St George Hospital, Beirut, CT, Lebanon

358 - Ultrasound-Guided Cannulation of the Femoral Vein in Electrophysiological Procedures: A Systematic Review and Meta-Analysis

Maria Sobolev, Ariel Shiloh, Luigi Di Biase, David Slovut, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA

359 - Utility of an Adherence Test to Predict the Percent Time in Therapeutic Range of Patients Anticoagulated With Dicumarinic Anticoagulants

Maria Cristina Lorenzo Carrion, Fernando Sokn, Gustavo Allende, German Jelusic, Gerardo Accastello, Jorge Tronche, Roxana Palacios, David L. Xavier, Clinica IMA, Buenos Aires, Argentina

360 - Safety of Uninterrupted Periprocedural Apixaban in Patients Undergoing Atrial Fibrillation Catheter Ablation: A Meta-Analysis of 1,057 Patients

Jalaj Garg, Rahul Chaudhary, Parasuram Krishnamoorthy, Neeraj Shah, Babak Bozorgnia, Lehigh Valley health Network, Allentown, PA, USA

361 - Major Bleeding Among Rivaroxaban Users With Nonvalvular Atrial Fibrillation and Diabetes

Manesh R. Patel, Sally Tamayo, Zhong Yuan, Nicholas Sicignano, Kathleen Hopf, Frank Peacock, Naval Medical Center Portsmouth, Portsmouth, VA, USA

362 - Epidemiology of New-Onset Post-CABG Atrial Fibrillation: A Large Multi-Center Study

Giovanni Filardo, Ralph Damiano, Gorav Ailawadi, Vinod Thourani, Benjamin Pollock, Danielle Sass, Teresa K. Phan, Briget da Graca, Baylor Scott & White Health, Dallas, TX, USA

363 - Body Mass Index and the Development of Atrial Fibrillation in Hispanics, Blacks and Non-Hispanic Whites

Eric H. Shulman, Faraj Kargoli, Ethan Hoch, Ephraim Leiderman, Scott Schafner, Joseph Donnelly, Lynn Zaremski, Cecilia Berardi, Andrea Natale, Luigi Di Biase, John Fisher, Andrew Krumerman, Kevin Ferrick, Montefiore Medical Center, Bronx, NY, USA

364 - Real-World Practice Patterns of Dofetilide and Sotalol Utilization for Atrial Fibrillation: A Multi-National Survey

Madhu Reddy, Jayasree Pillarisetti, Sandia Iskandar, Moustapha Atoui, Madhav Lavu, Donita Atkins, Sudharani Bommana, Rhea Pimentel, Loren Berenbom, Raghuvveer Dendi, Martin Emert, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

### Arrhythmias and Clinical EP - Moderated Poster Contributions Session #1130M

#### Anticoagulation and Stroke Prevention in AF: The Good, the Bad, and the Ugly

Saturday, April 2, 2016, 10 a.m. - 12 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 2 /CNE Hours: 2

10:00 a.m.

Real-World Comparison of Inpatient Bleeding Risk, Bleeding-Related Hospitalization Rates and Costs Among Non-Valvular Atrial Fibrillation Patients on Apixaban, Dabigatran, Rivaroxaban: Cohorts Comprising New Initiators and/or Switchers From Warfarin

Ping Tepper, Jack Mardekian, Cristina Masseria, Ruslan Horblyuk, Shital Kamble, Melissa Hamilton, Younos Abdulsattar, William Petkun, Gregory Y. H. Lip, Pfizer Inc, NYC, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Role of Systemic Octreotide in Decreasing Recurrent Lower Gastrointestinal Bleeds Related to Arteriovenous Malformation in Patients on Systemic Oral Anticoagulation

Dhanunjaya R. Lakkireddy, Olyae Mojtaba, Donita Atkins, Sandia Iskandar, Muhammad Afzal, Courtney Jeffery, Rakesh Gopinathannair, Luigi Di Biase, Andrea Natale, Jie Cheng, Vijay Swarup, University of Kansas Medical Center, Kansas City, KS, USA

10:25 a.m.

Question and Answer

10:30 a.m.

Idarucizumab for Reversal of the Anticoagulant Effects of Dabigatran in Patients in an Emergency Setting of Major Bleeding, Urgent Surgery, or Interventions

Charles V. Pollack, Paul Reilly, John Eikelboom, Stephan Glund, Fredrik Gruenenfelder, Richard Bernstein, Menno Huisman, Elaine Hylek, Pieter W. Kamphuisen, Jörg Kreuzer, Jerrold Levy, Frank Selke, Joachim Stangier, Thorsten Steiner, Bushi Wang, Chak Wah Kam, Jeffrey Weitz, Thomas Jefferson University, Philadelphia, PA, USA

10:40 a.m.

Question and Answer

10:45 a.m.

Post FDA Approval Experience of Left Atrial Appendage Occlusion in the United States

David R. Holmes, Vivek Reddy, Saibal Kar, Douglas Gibson, Shephal Doshi, Nicole Gordon, George Latus, Kenneth Stein, Mayo Clinic, Rochester, MN, USA, Boston Scientific, Natick, MA, USA

10:55 a.m.

Question and Answer



11:00 a.m.  
 Comparing Major Bleeding Risk in Outpatients With Atrial Fibrillation by Oral Anticoagulant Type: Insights From the NCDR® PINNACLE Registry  
Jonathan Michael Wong, Kevin Kennedy, Richard Shaw, California Pacific Medical Center, San Francisco, CA, USA, Mid America Heart Institute, Kansas City, MO, USA

11:10 a.m.  
 Question and Answer

11:15 a.m.  
 The Performance of the HAS-BLED and CHA2D2-Vasc Scores in Predicting Major Bleeding Among Atrial Fibrillation Patients on NOACs  
Xiaoxi Yao, Bernard Gersh, Lindsey Sangaralingham, Nilay Shah, Peter Noseworthy, Mayo Clinic, Rochester, MN, USA

11:25 a.m.  
 Question and Answer

11:30 a.m.  
 Real-World Comparison of Major Bleeding Risk Among Untreated Non-Valvular Atrial Fibrillation Patients and Those Initiating Apixaban, Dabigatran, Rivaroxaban, or Warfarin  
Alpesh Amin, Allison Keshishian, Lin Xie, Onur Baser, Kwanza Price, Lien Vo, Jack Mardekian, Mario Mendoza, Shalabh Singhal, Chad Patel, Kevin Odell, Jeffrey Trocio, Pfizer Inc., New York, NY, USA, Bristol-Myers Squibb Company, New York, NY, USA

11:40 a.m.  
 Question and Answer

11:45 a.m.  
 Health Care Resource Utilization in Patients Requiring Urgent Surgical/Interventional Management While Taking Dabigatran: Interim Results From the RE-VERSE AD Study  
Charles V. Pollack, Fredrik Gruenenfelder, Jerrold H. Levy, Paul Reilly, Anastasia Ustyugova, Eva Kleine, Richard Bernstein, Menno Huisman, Elaine Hylek, Frank Sellke, Jeffrey I. Weitz, Thomas Jefferson University, Philadelphia, PA, USA

11:55 a.m.  
 Question and Answer

ACC Poster Moderator: Michael D. Ezekowitz  
 ACC Poster Moderator: Kousik Krishnan

### Arrhythmias and Clinical EP - Symposium

#### Session #101

**Device Therapy for Heart Failure: Joint Symposium of the Heart Rhythm Society and the American College of Cardiology I**  
 Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ulrika Birgersdotter-Green  
 Co-Chair: Bradley P. Knight

12:15 p.m.  
 Reducing Non-Responder Rates With CRT: Are We Making Progress?  
 Jagmeet Singh

12:30 p.m.  
 Implantable Hemodynamic Monitors to Prevent Heart Failure Hospitalization  
 William T. Abraham

12:45 p.m.  
 PVC Cardiomyopathy: An Unrecognized Treatable Cause of Heart Failure  
 Fermin C. Garcia  
 Philadelphia, PA

1:00 p.m.  
 Autonomic Modulation for Heart Failure: Spinal Cord and Vagal Stimulation  
 Michael Robert Gold  
 Charleston, SC

1:15 p.m.  
 LV Endocardial Pacing for CRT  
 Vivek Yerrapu Reddy  
 New York, NY

1:30 p.m.  
 Question and Answer

### Arrhythmias and Clinical EP - Maintenance of Certification Session #803

**Core Curriculum: Decisions on Shocking and ICDs as well as ACLS**  
 Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room N426

CME Hours: 1.5 /CNE Hours: 0

Chair: Mitchell N. Faddis

12:15 p.m.  
 Management of Cardiac Implantable Devices  
 Daniel Cooper  
 St. Louis, MO

12:40 p.m.  
 Give Me ROC or Give Me Death! A Review of the ACLS Guidelines  
 Mark S. Link  
 Boston, MA

1:05 p.m.  
 ICD's: When We Should and When We Shouldn't?  
 John M. Mandrola  
 Louisville, KY

1:30 p.m.  
 Question and Answer

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1153

**Arrhythmias and Clinical EP: Cutting Edge Basic Arrhythmia Mechanisms**

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - Efficacy and Safety of Rivaroxaban Compared With Warfarin in Patients With Carotid Artery Disease and Nonvalvular Atrial Fibrillation: Insights From the ROCKET AF Trial

Ajar Kochar, Anne Hellkamp, Yuliya Lokhnygina, William Jones, Richard Becker, Scott Berkowitz, Guenter Breithardt, Keith Fox, Jonathan Halperin, Graeme Hankey, Kenneth Mahaffey, Christopher Nessel, Daniel Singer, Jonathan Piccini, Manesh Patel, Duke Clinical Research Institute, Durham, NC, USA

324 - Association of Left Atrial Function and Structure With Electrocardiographic Markers of Atrial and Atrioventricular Conduction Abnormalities in the Multi-Ethnic Study of Atherosclerosis (MESA)  
Theingi Tiffany Win, Bharath Ambale Venkatesh, Elsayed Soliman, Larisa Tereshchenko, Colin Wu, Xiaoying Yang, Masamichi Imai, Mohammadali Habibi, Filip Zemrak, Susan Heckbert, David Bluemke, Joao Lima, Johns Hopkins University, Baltimore, MD, USA, University of New Mexico, Albuquerque, NM, USA



325 - Microvesicles Reduce Arrhythmias and Improve the Electrical Conduction by Recovering Connexin 43 and Sodium Currents in a Rat Ischemia Reperfusion Injury Model

Hyewon Park, Ilkwon Kim, Hyelim Park, Hyeoun Kim, Cui Shanyu, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Yonsei University College of Medicine, Seoul, IL, South Korea

326 - Ranolazine Protects Ventricular Fibroblast From Failing Human Heart Against Dronedaronone-Induced Toxicity

Larisa Emelyanova, Mingyuan Liu, Guangyuan Yang, Elizabeth Stoeckl, Milanka Petrovic, Ekhsan Holmuhamedov, Farhan Rizvi, Gracious Ross, Frank X Downey, A. Jamil Tajik, Arshad Jahangir, Sheikh Khalifa bin Hamad Al Thani Center for Integrative Research on Cardiovascular Aging Center, Milwaukee, WI, USA

327 - Left Ventricular Transmural Repolarization Gradient in Humans

Bich Lien Nguyen, Loredana Iannetta, Alessandro Persi, Gianfranco Piccirillo, Fabrizio Ammirati, Antonio Ciccaglioni, Nicola Alessandri, Carlo Gaudio, Paolo-Emilio Puddu, Sapienza University of Rome, Rome, Italy

328 - Selective Inhibition of the Cardiac Late Sodium Current With Eleclazine Protects Against Ischemia-Induced Atrial Fibrillation and Vulnerability to Ventricular Arrhythmias

Fernanda Justo, Henrique Fuller, Bruce Nearing, Sridharan Rajamani, Luiz Belardinelli, Richard Verrier, Beth Israel Deaconess Medical Center, Boston, MA, USA, Faculdade de Medicina da Universidade de Sao Paulo, Sao Paulo, Brazil

329 - Electrophysiological Rotor Ablation in In-Silico Modeling of Atrial Fibrillation: Comparisons With Dominant Frequency, Shannon Entropy, and Phase Singularity

Minki Hwang, Jun-Seop Song, Young-Seon Lee, Hui-Nam Pak, Yonsei University Health System, Seoul, South Korea

330 - Functional and Structural Differences in Fibroblasts From Atria of Patients With and Without Atrial Fibrillation

Milanka Petrovic, Zarko Godic, Alisher Holmuhamedov, Kelsey Kraft, Ulugbek Negmadjanov, Larisa Emelyanova, Farhan Rizvi, Gracious Ross, David C. Kress, Ekhsan Holmuhamedov, A. Jamil Tajik, Arshad Jahangir, Sheikh Khalifa bin Hamad Al Thani Center for Integrative Research on Cardiovascular Aging (CIRCA), Milwaukee, WI, USA

332 - The Mechanisms of the Atrial Fibrillation Termination

Alexey Tsyganov, Ekaterina Fetisova, Vitaly Kalinin, Maria Chaikovskaya, Marina Yakovleva, Petrovsky National Research Centre of Surgery, Moscow, Russian Federation

333 - Analysis of Fibrillatory Waves by Fourier Transform Suggests Cut-Off Values for Differentiating Paroxysmal, Persistent, and Chronic Atrial Fibrillation

Ira Howard Blau, Hye Jin Hwang, Chung-Keun Lee, Kwang Woo Ahn, Alexis Visotcky, David Ritchie, Mona Lalezari, Lindsey Krawchuk, Sung Soo Kim, Byung-II Choi, Moon-Hyoung Lee, Yonsei University College of Medicine, Seoul, South Korea, Medical College of Wisconsin, Milwaukee, WI, USA

334 - Influence of Progesterone Administration on Drug-Induced Torsades de Pointes in AV Node-Ablated Isolated Perfused Rabbit Hearts

James Tisdale, Heather Jaynes, Brian Overholser, Kevin M. Sowinski, David Flockhart, Richard Kovacs, Purdue University, Indianapolis, IN, USA, Indiana University, Indianapolis, IN, USA

335 - Primary Prevention of Atrial Fibrillation With Mitochondrial Uncoupling

Cevher Ozcan, Zhenping Li, University of Chicago, Chicago, IL, USA

337 - Antiplatelet and Antithrombotic Therapy in Atrial Fibrillation Patients in the Setting of Acute Coronary Syndrome and/or After Percutaneous Coronary Intervention: Evidence From Meta-Analysis

Karam Ayoub, Ramez Nairooz, Ahmed Almomani, Meera Marji, Hakan Paydak, Waddah Maskoun, University of Arkansas for Medical Sciences, Little Rock, AR, USA

338 - Serotonin Increases Potassium Outward Current and Prevents QT Prolongation During Pregnancy via 5-Hydroxytryptamine 3a Receptor

Shanyu Cui, Boyoung Joung, Division of Cardiology, Yonsei University College of Medicine, Seoul, South Korea

339 - The Late Sodium Current Inhibitor Eleclazine Suppresses Atrial Premature Beats and Atrial Fibrillation in an Intact Porcine Model

Henrique Fuller, Fernanda Justo, Bruce Nearing, Sridharan Rajamani, Luiz Belardinelli, Richard Verrier, Beth Israel Deaconess Medical Center, Boston, MA, USA, Faculdade de Medicina da Universidade de Sao Paulo, Sao Paulo, Brazil

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1154

#### Can We Do Better With Atrial Fibrillation Ablation?

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

340 - Altering the Gravitational Vector to Prevent Phrenic Nerve Injury (PNI) During SVT Ablations: A New Technique

Mahboob Ali, Morakinyo Araoye, Kofi Osei, Adam Lottick, St Vincents Medical Center, Bridgeport, CT, USA

342 - Atrial Fibrillation Has Gradual But Not Acute Organization Into Atrial Tachycardia Spontaneously or With Ablation

Tina Baykaner, Junaid Zaman, Amir Schrickler, Gautam Lalani, David Krummen, Sanjiv Narayan, University of California San Diego, La Jolla, CA, USA, Stanford University, Stanford, CA, USA

343 - Change of P-Wave Axis Predicts Good Clinical Outcome After Anterior Linear Ablation for Longstanding Persistent Atrial Fibrillation

Dong Geum Shin, Tae-Hoon Kim, Jae-Sun Uhm, Jong-Youn Kim, Boyoung Joung, Moon-Hyoung Lee, Hui-Nam Pak, Yonsei University Health System, Seoul, South Korea

344 - Adherence to Rivaroxaban and Dabigatran in Nonvalvular Atrial Fibrillation Patients in the United States

Craig I. Coleman, Muralikrishna Tangirala, Thomas Evers, University of Connecticut, Storrs, CT, USA, Bayer Pharma AG, Wuppertal, Germany

346 - Electrogram Characteristics of Ablated and Non-Ablated Myocardium in Humans With Miniaturized Embedded Electrodes Compared to Conventional Electrodes

Michael Shane Lloyd, Michael Hoskins, Jonathan Langberg, Anand Shah, Emory University, Atlanta, GA, USA

347 - Two Year Results of the Stand Alone Cox Maze Procedure for Nonparoxysmal Atrial Fibrillation: High Success Rate and Improved Quality of Life With a Single Procedure

Niv Ad, Sari Holmes, Graciela Pritchard, Deborah Lamont, Deborah Shuman, Inova Heart and Vascular Institute, Falls Church, VA, USA

348 - Increased Rate of Postoperative Pericarditis With Contact Force Sensing Catheters in Atrial Fibrillation Ablation

Cilomar Martins de Oliveira Filho, Roderick Tung, Jason Bradfield, Marmar Vaseghi, Olujimi Ajijola, Carlos Macias, Noel Boyle, Kalyanam Shivkumar, Eric Buch, UCLA Cardiac Arrhythmia Center, Los Angeles, CA, USA

349 - Incidence and Predictors of Complications and Phrenic Nerve Injury During Cryoballoon Ablation for Atrial Fibrillation

Emily Guhl, Donald Siddoway, Evan Adelstein, Andrew Voigt, Samir Saba, Sandeep Jain, University of Pittsburgh Medical Center - Center for Atrial Fibrillation, Pittsburgh, PA, USA



350 - Asymptomatic Acute Complications of Atrial Fibrillation Ablation Using Irrigated Radiofrequency Technology

Thomas Deneke, Karin Nentwich, Philipp Halbfass, Franziska Fochler, Markus Roos, Peter Grewe, Heart Center Bad Neustadt, Bad Neustadt, Germany

351 - Efficacy and Safety of the Novel Oral Anticoagulants Compared to Warfarin in Patients With Non Valvular Atrial Fibrillation

Ilaria Gagliardi, Teresa Bruni, Elisa Rauseo, Vincenzo Paravati, Francesco Barilla, Concetta Torromeo, Giuseppe Pannarale, Cesare Greco, Michele Schiariti, Carlo Gaudio, Dipartimento "Cuore e Grossi Vasi" - Policlinico Umberto I, Rome, Italy

352 - Improved Clinical Outcome in Atrial Fibrillation Patients Undergoing Pulmonary Vein Antrum Isolation Using Objective Software-Based Demarcation of Ablation Lesions, VISITAG™

Pouria Alipour, Yaariv Khaykin, Lauren Liu, Elaine Novik, Meysam Pirbaglou, Paul Ritvo, Alfredo Pantano, Atul Verma, Southlake Regional Health Centre, Newmarket, Canada

353 - Does Left Atrial Appendage Closure Improve the Success of Pulmonary Vein Isolation? Results of a Randomized Clinical Trial

Alexander Romanov, Evgeny Pokushalov, Sergey Artemenko, Akmal Yakubov, Ilya Stenin, Evgeny Kretov, Oleg Krestianinov, Igor Grazhdankin, Dejan Risteski, Alexander Karaskov, Jonathan Steinberg, State Research Institute of Circulation Pathology, Novosibirsk, Russian Federation

354 - Usefulness of Ultrasound-Guided Femoral Vein Access in Atrial Fibrillation Ablation

Carola Gianni, Carlos Monreal, Chintan Trivedi, Sanghamitra Mohanty, Yalçın Gökdoğan, Mahmut F. Güneş, Rong Bai, Amin Al-Ahmad, J. David Burkhardt, G. Joseph Gallinghouse, Rodney P. Horton, Patrick M. Hranitzky, Javier E. Sanchez, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA, University of Milan, Milan, Italy

355 - Clinical Importance of Complex Aortic Plaque in the CHA2DS2-VASc Scoring System in Patients With Nonvalvular Atrial Fibrillation

Pil-Sung Yang, Tae-Hoon Kim, Jae-Sun Uhm, Kim Jong-Youn, Boyoung Joung, Moon-Hyoung Lee, Hui-Nam Pak, Yonsei University Health System, Seoul, South Korea

356 - Clinical Impact of Intraprocedural Activated Clotting Time During Catheter Ablation of Atrial Fibrillation: Systemic Review and Meta-Analysis

David Felipe Briceno, Pedro Villablanca Spinetto, Jeannine Brevik, Carola Maraboto, Anand Jagannath, Faraj Kargoli, Florentino Lupercio, Alejandra Londono, Andrew Krumerman, Eugen Palma, Soo Gyum Kim, Andrea Natale, Luigi Di Biase, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA, Texas Cardiac Arrhythmia Institute, St. David's Medical Center, Austin, TX, USA

357 - Dormant Conduction Following Pulmonary Vein Isolations Is a Predictor of Repeat Catheter Ablation for Recurrent Atrial Fibrillation

Shota Tohoku, Kenichi Hiroshima, Michio Nagashima, Ando Kenji, Kokura Memorial Hospital, Kitakyushu, Japan

358 - Systematic Assessment of the Effect of Direct Oral Anticoagulants Dabigatran, Rivaroxaban and Apixaban Using Calibrated Automated Thrombin Generation Assay in Vivo

Ramin Artang, Maren Anderson, Paul Riley, Joern Dalsgaard Nielsen, Essentia Health St. Mary Heart and Vascular Center, Duluth, MN, USA, University of Minnesota, Duluth, MN, USA

359 - Changes Over Time in Treatment Persistence of Oral Anticoagulants in Patients With Non-Valvular Atrial Fibrillation

Cinira Lefevre, Michelle Johnson, Shuk-Li Collings, David Evans, Sebastian Kloss, Essra Ridha, Andrew Maguire, Bristol-Myers Squibb, France, France

## Arrhythmias and Clinical EP - Poster Contributions

### Session #1155

#### What's New in Syncope?

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

360 - Obstructive Sleep Apnea and Circulating Potassium Channel Levels  
Ning Jiang, Anyu Zhou, Bharati Prasad, Li Zhou, Jimmy Doumit, Guangbin Shi, Hafiz Imran, Bahaa Kaseer, Richard Millman, Samuel Dudley, Lifespan Cardiovascular Institute, Rhode Island Hospital, Providence, RI, USA

361 - Cost of Hospitalization for Syncope/Collapse Has Increased Dramatically in the United States From 2003 to 2013

Vidhu Anand, Stephen George, David Benditt, Selcuk Adabag, University of Minnesota, Minneapolis, MN, USA

362 - Baroreflex Gain Is Elevated in Patients With a Positive Tilt Table Test With Greater Values Noted in Patients With Tilt-Induced Asystole

Ashish Chaddha, Kevin E. Wenzke, Stephen Wasmund, Richard Page, Mohamed Hamdan, University of Wisconsin- Madison, Madison, WI, USA

363 - Outcomes and Conditions Associated With Syncope Admissions and Readmissions

Parijat Joy, Gagan Kumar, Brian Olshansky, University of Iowa, Iowa City, IA, USA, Phoebe Putney Memorial Hospital, Albany, GA, USA

364 - Ivabradine in the Paediatric Population: Preliminary Findings

Grazia Delle Donne, Ferran Roses-Noguer, Jan Till, Tushar Salukhe, Sanjay Prasad, Piers Daubeney, Royal Brompton Hospital, London, United Kingdom

## Arrhythmias and Clinical EP - Symposium

### Session #104

#### Update on the Management of Atrial Fibrillation: Joint Symposium of the Heart Rhythm Society and the American College of Cardiology II

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Thomas F. Deering

Co-Chair: George F. Van Hare

2:00 p.m.

Lifestyle Changes to Prevent AF: An Underutilized Modality  
John D. Day

2:15 p.m.

Drug Therapy for the Prevention of AF. Is There a Role of Non-Antiarrhythmic Drugs  
Peter Kowey

2:30 p.m.

Anticoagulation or Left Atrial Appendage Occlusion: How to Choose  
Shephal K. Doshi  
Santa Monica, CA

2:45 p.m.

Improving Outcomes and Patients Selection for AF ablation  
Douglas L. Packer  
Rochester, MN

3:00 p.m.

What Is the Role of Implantable Loop Recorders for AF Detection?  
Andrew D. Krahn  
Vancouver, Canada

3:15 p.m.

Question and Answer



### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1167M

#### On the Horizon in AF: Basic Studies

Saturday, April 2, 2016, 3:45 p.m. - 4:30 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

Simvastatin Inhibits Human Atrial Fibroblast Proliferation Through Cell-Cycle Regulating Cyclins by Mevalonic Acid-Dependent Pathway

Farhan Rizvi, Alessandra DeFranco, Ramail Siddiqui, Alisher Holmuhamedov, Larisa Emelyanova, Gracious Ross, Ekhsan Holmuhamedov, Paul Werner, A. Jamil Tajik, Arshad Jahangir, Aurora Research Institute, Milwaukee, WI, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Class I Histone Deacetylase Inhibition Reduces Sustained Atrial Fibrillation and Remodeling in Dogs

Mitsuru Seki, Jeffery Powers, Jianhe Huang, Ryan LaCanna, Christine Varkas, Jeffrey Arkles, Joshua Cooper, Remus Berretta, Fabio Recchia, Vickas Patel, Temple University School of Medicine, Philadelphia, PA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Expression of the Receptor for Advanced Glycation End-Products (RAGE) in Human Left Atrial Tissue and Atrial Fibrosis

Pil-Sung Yang, Junbeom Park, Tae-Hoon Kim, Jae-Sun Uhm, Kim jong-youn, Boyoung Joung, Moon-Hyoung Lee, Hui-Nam Pak, Yonsei University Health System, Seoul, South Korea

4:25 p.m.

Question and Answer

ACC Poster Moderator: David R. Van Wagoner

ACC Poster Moderator: Vadim V. Fedorov

### Arrhythmias and Clinical EP - Scientific Session

#### Session #646

#### ECG Screening in Athletes

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S501

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Eugene H. Chung

Co-Chair: Silvana Molossi

Panelist: Lluís Mont

Panelist: Michael Papadakis Kingdom

Panelist: Elizabeth V. Saarel

Panelist: Jack Salerno

4:45 p.m.

The Evolution of ECG Criteria in Athletes: Seattle Update

Jordan Prutkin

Seattle, WA

4:55 p.m.

Best Practices for Screening: What I Do, What the NCAA Recommends

Aaron L. Baggish

Boston, MA

5:05 p.m.

Case-Based ECGs

Jack Salerno

Seattle, WA

5:10 p.m.

Panel Discussion

5:20 p.m.

Case-Based ECGs

Michael Papadakis

London, United Kingdom

5:25 p.m.

Panel Discussion

5:35 p.m.

Case-Based ECGs

Elizabeth V. Saarel

Cleveland, OH

5:40 p.m.

Panel Discussion

5:50 p.m.

Case-Based ECGs

Lluís Mont

Barcelona, Spain

5:55 p.m.

Panel Discussion

### Arrhythmias and Clinical EP - Clinical Focus

#### Session #1602

#### The Future of Bleeding Management: Is Your Team Ready?

Saturday, April 2, 2016, 6 p.m. - 8:30 p.m.

Room S102

CME Hours: 2.5 /CNE Hours: 2.5

6:00 p.m.

Dinner

Chair: Christopher B. Granger

6:30 p.m.

Welcome and Introduction to ARS Technology

Christopher B. Granger

Durham, NC

6:40 p.m.

AF on the Frontline: Dealing With a Public Health Crisis

Christopher B. Granger

Durham, NC

6:55 p.m.

NOACs: To Whom, How and When?

Jeffrey B. Washam

Durham, NC

7:10 p.m.

Building a Safety Net: The Toll of Reversal Agents in Anticoagulation

Sean Pokorney

Durham, NC

7:25 p.m.

Panel Discussion



Panelist: Charles J. Gerardo  
 Panelist: Christopher B. Granger  
 Panelist: Malissa Mulkey  
 Panelist: Thomas Ortel  
 Panelist: Sean Pokorney  
 Panelist: Jeffrey B. Washam

8:20 p.m.  
 Concluding Remarks  
 Christopher B. Granger  
 Durham, NC

### Arrhythmias and Clinical EP - International Session

#### Session #510

**Sudden Cardiac Death - Populations and Interventions: International Perspectives From the Asia Pacific Society of Cardiology, Taiwan Society of Cardiology, and American College of Cardiology**

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room N427cd

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Stuart Winston  
 Co-Chair: Ching Chi Keong  
 Co-Chair: Shing-Jong Lin

8:00 a.m.  
 Introduction to Session  
 Stuart Winston

8:05 a.m.  
 Epidemiology of Sudden Deaths in Singapore: What do we Learn From Coroners' Autopsies?  
 Ching Chi Keong  
 Singapore, Singapore

8:16 a.m.  
 Prevalence and Prognosis of Brugada ECG Patterns in an Han Chinese Population  
 Kuan-Cheng Chang  
 Taichung, Taiwan

8:27 a.m.  
 CIED Underutilization in Developing Nations and Efforts at Resterilization of Explanted CIEDs  
 Behzad B. Pavri  
 Philadelphia, PA

8:38 a.m.  
 Unique Clinical Characteristic and Genetics of Brugada Syndrome in Taiwan  
 Jyh-Ming Jimmy Juang  
 Taipei, Taiwan

8:49 a.m.  
 Increasing ICD Adoption in Asia: Current Status and Challenges  
 Hung-Fat Tse  
 Hong Kong, Hong Kong

9:00 a.m.  
 Discussion

### Arrhythmias and Clinical EP - Oral Contributions

#### Session #902

**Highlighted Original Research: Arrhythmias and Clinical EP and the Year in Review**

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anne M. Gillis  
 Co-Chair: Mintu Turakhia

8:00 a.m.  
 Year in Review Speaker  
 David J. Wilber

8:15 a.m.  
 Direct Comparison of Dabigatran, Rivaroxaban, and Apixaban for Effectiveness and Safety in Nonvalvular Atrial Fibrillation  
Peter Noseworthy, Xiaoxi Yao, Lindsey R. Sangaralingham, Neena Abraham, Robert McBane, Bernard Gersh, Nilay Shah, Mayo Clinic, Rochester, MN, USA, Mayo Clinic, Scottsdale, AZ, USA

8:27 a.m.  
 Discussion

8:30 a.m.  
 Stroke and Systemic Embolism Prophylaxis in Non-Valvular Atrial Fibrillation: A Network Meta-Analysis Comparing Warfarin, Novel Oral Anticoagulants and Watchman Device  
Akhil Parashar, Karan Sud, Adriani Nikolakopoulou, Shikhar Agarwal, Mehak Bassi, Oussama Wazni, Amar Krishnaswamy, Walid Saliba, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

8:42 a.m.  
 Discussion

8:45 a.m.  
 Associations of Abdominal Obesity and New Onset Atrial Fibrillation in General Population: A Nationwide Cohort Study in Korea  
 Yongsoo Baek, Pil-Sung Yang, Tae-Hoon Kim, Jae-Sun Uhm, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Yonsei University College of Medicine, Seoul, South Korea

8:57 a.m.  
 Discussion

9:00 a.m.  
 Using Insertable Cardiac Monitors to Risk Stratify Patients and Manage Anticoagulation in Atrial Fibrillation  
 Mohammad Umar Farooq, Daniel Mascarenhas, Bharat Kantharia, Easton Hospital, Easton, PA, USA, Drexel University, Philadelphia, PA, USA

9:12 a.m.  
 Discussion

9:15 a.m.  
 Head-to-Head Comparison of a Camera-Based Smartphone Application CARDIIO Rhythm™ With ALIVECOR® Heart Monitor for Atrial Fibrillation Screening in Primary Healthcare Setting  
David Siu, Chun Ka Wong, Pak Hei Chan, Yuk Kee Poh, Ming-Zher Poh, The University of Hong Kong, Hong Kong, Hong Kong

9:27 a.m.  
 Discussion





### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1187

#### What Is New in Device Technology

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - A Meta-Analysis of Quadripolar Versus Bipolar Left Ventricular Leads on Post-Procedural Outcomes

Mohit Turagam, Muhammad Afzal, Madhu Reddy, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

324 - Trends in Cardiac Tamponade Among Recipients of Permanent Pacemakers in the United States: 2008 to 2012

Kasra Moazzami, Elena Dolmatova, Victor Mazza, Marc Klapholz, Alfonso Waller, New Jersey Medical School, Rutgers, The State University of New Jersey, Newark, NJ, USA

325 - Externalization of Conductor Cables in QuickSite and QuickFlex Left Ventricular Leads

Madhu Reddy, Moustapha Atoui, Mohit Turagam, sandia iskandar, Madhav Lavu, Donita Atkins, Sudharani Bommana, Rhea Pimentel, Raghuvver Dendi, Martin Emert, Loren Berenbom, Luca Santini, Giovanni Forleo, Luigi Di Biase, Andrea Natale, Dhanunjaya Lakkireddy, University of Kansas, Kansas City, KS, USA

326 - Outcomes of Sprint Fidelis Lead Extraction: Data From a Single High Volume Center

Moustapha Atoui, Jayasree Pillarisetti, Sampath Gunda, Donita Atkins, Dhanunjaya Lakkireddy, Madhu Reddy, University of Kansas Medical Center, Kansas City, KS, USA

327 - Clinical Features and Predictors of Pacing-Induced Cardiomyopathy

Sung Woo Cho, Kwang Jin Chun, Kyoung-Min Park, Young Keun On, June Soo Kim, Suyeon Lee, Haseong Chang, Hyun Sung Joh, Seung-Jung Park, Heart Vascular Stroke Institute, Samsung Medical Center, Seoul, South Korea, Sungkyunkwan University School of Medicine, Seoul, South Korea

328 - 35% of Empiric Atrioventricular Delay Settings May Benefit From Additional Optimization

Gregory Sinner, Vedant Gupta, Arash Seratnahaei, Kevin Parrott, Richard Charnigo, Yousef Darrat, Samy Elayi, Steve Leung, Vincent Sorrell, University of Kentucky, Lexington, KY, USA

329 - Adaptive Servo-Ventilation Therapy Shows Significant Prevention of Arrhythmias in Patients With Heart Failure due to Ischemic Heart Disease

Takashi Nagasaka, Noriaki Takama, Masahiko Kurabayashi, Maebashi Red Cross Hospital, Maebashi City, Japan, Gunma University Hospital, Maebashi City, Japan

330 - Predictors of Pacemaker Dependency After Transcatheter Aortic Valve Replacement

Mark Lee, Srinath Yeshwant, Sreedivya Chava, Harold Dauerman, Daniel Lustgarten, Robert Lobel, UVM Medical Center, Burlington, VT, USA

331 - Post-Shock Electromechanical Dissociation During Defibrillation Threshold Testing

Hiroyuki Ito, Nitish Badhwar, Mitsuharu Kawamura, Vasanth Vedantham, Zian Tseng, Byron Lee, Randall Lee, Gregory Marcus, Edward Gerstenfeld, Melvin Scheinman, Section of Cardiac Electrophysiology, Division of Cardiology, University of California San Francisco, San Francisco, CA, USA

332 - Acute Perforation Properties of the Right Atrial Appendage

Alexander Mattson, Vladimir Grubac, Michael Eggen, Paul Iazzo, University of Minnesota, Minneapolis, MN, USA

334 - Clinical Characteristics and Outcomes of CRT-P Versus CRT-D Recipients in Patients 80 Years and Older

Muhammad Bilal Munir, Andrew D. Althouse, Shasank Rijal, Maulin B. Shah, Hussein Abu Daya, Evan Adelstein, Samir Saba, Heart and Vascular Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1188

#### Can Trials Help Us Better Treat Atrial Fibrillation?

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

335 - Intravenous Diltiazem, as Compared to Intravenous Metoprolol, for Atrial Fibrillation/Flutter Is Associated With Increased Admission From the Emergency Department

Ching Wei Chen, Daniele Massera, Chino Aneke, Ileana Pina, Montefiore Medical Center, Bronx, NY, USA, Albert Einstein College of Medicine, Bronx, NY, USA

336 - Novel Oral Anticoagulant Availability Increases Appropriate Use of Anticoagulants for Nonvalvular Atrial Fibrillation in Clinical Practice

Qi Zheng, Chino Aneke-Nash, Jonathan L. Halperin, David A. Vorchheimer, Montefiore Medical Center, Bronx, NY, USA, Mount Sinai Medical Center, New York, NY, USA

337 - Treatment and Stroke Risk in Low Risk CHA2DS2VASc Atrial Fibrillation Patients: Findings From the ORBIT-AF Registry

Larry R. Jackson, Sunghee Kim, Jack Ansell, Gregg Fonarow, James Freeman, Bernard Gersh, Alan Go, Elaine Hylek, Peter Kowey, Kenneth Mahaffey, Daniel Singer, Laine Thomas, Eric Peterson, Jonathan Piccini, Duke Clinical Research Institute, Durham, NC, USA

338 - Sudden Cardiac Death in 21,105 Patients With Atrial Fibrillation: Insights From the ENGAGE AF- TIMI 48 Trial

Alon Eisen, Christian Ruff, Francesco Nordio, Ramon Corbalan, Anthony Dalby, Maria Dorobantu, Michele Mercuri, Hans Lanz, Howard Rutman, Elliott Antman, Eugene Braunwald, Robert Giugliano, Brigham and Women's Hospital, Boston, MA, USA

339 - Should We Refine the Definition of Valvular Atrial Fibrillation Based on Echocardiographic Criteria? A Single Center Cohort Study With Mid-Term Follow-Up

Sylvie Lang, Laurie Soulat-Dufour, Ciham El Asri, Louise Boyer-Chatenet, Stephane Ederhy, Clelie Van der Vynck, Nabila Haddour, Saroumadi Adavane, Franck Boccara, Ariel Cohen, AP-HP, Hôpital Saint-Antoine, Service de cardiologie, Paris, France, Sorbonne-Universités, UPMC Université Paris 06, Faculté de médecine, Paris, France

340 - Standardized Nurse-Driven Protocol for Postoperative Atrial Fibrillation Reduces Length of Stay and Hospital Costs

Christopher Han, Craig Strauss, Ross Garberich, Benjamin Sun, Raed Abdelhadi, Timothy Henry, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

341 - Comparison of Treatment Persistence in the Real-World Use of Novel Oral Anticoagulants Among Patients With Non-Valvular Atrial Fibrillation

Cinira Lefevre, Michelle Johnson, Shuk-Li Collings, David Evans, Sebastian Kloss, Essra Ridha, Andrew Maguire, Bristol-Myers Squibb, Rueil-Malmaison, France

342 - Remote Ischemic Preconditioning for Prevention of Post-Operative Atrial Fibrillation in Patients Undergoing Cardiac Surgery: A Meta-Analysis of Randomized Controlled Trials

Amartya Kundu, Partha Sardar, Sreeparna Ghosh, Saurav Chatterjee, David McManus, University of Massachusetts Medical School, Worcester, MA, USA



343 - Sex Differences in Antithrombotic Therapy: Observations From the GLORIA-AF Registry Program

Christine Teutsch, Gregory YH Lip, Hans-Christoph Diener, Sergio Dubner, Jonathan Halperin, Changsheng Ma, Kenneth Rothman, Nils Schoof, Amelie Elsaesser, Menno Huisman, Boehringer Ingelheim GmbH, Ingelheim, Germany

344 - Burden of Psychosocial and Cognitive Impairment in Patients With Symptomatic Atrial Fibrillation

John Bostrom, Jane Saczynski, Alexandra Hajduk, Jessica Ogarek, Heather Richardson, Nada Esa, David McManus, University of Massachusetts, Worcester, MA, USA

345 - Comparison of Approaches for "Net Clinical Benefit" in Patients With Non-Valvular Atrial Fibrillation: A Network Meta-Analyses of Randomized Control Trials

Navkaranbir S. Bajaj, Rajat Kalra, Garima Arora, Taimoor Hashim, Ty Whitfield, Hemant Godara, Sameer Ather, Steven Lloyd, Pankaj Arora, University of Alabama Birmingham, Birmingham, AL, USA

346 - Baseline Fasting Blood Sugar Predicts Long-Term Outcome of Catheter Ablation in Atrial Fibrillation

Sanghamitra Mohanty, Issa Asfour, Prasant Mohanty, Chintan Trivedi, Carola Gianni, Yalcin Gokoglan, Rong Bai, John Burkhardt, Rodney Horton, Javier Sanchez, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA

347 - The Impact of Body Weight on Adverse Outcomes With Novel Oral Anticoagulants and Warfarin: Preliminary Results From the INTEGRATE Study

Yining Xu, Teresa Kus, Isabelle Greiss, Martine Montigny, Jean-Francois Sarrazin, Danielle Dion, Robert Breton, Vidal Essebag, Vartan Mardigyan, Lawrence Rudski, Miguel Barrero Garcia, Mladen Palaic, Franco Sandrin, Francois Philippon, Gilles O'Hara, Thao Huynh, McGill University Health Centre, Montreal, Canada

348 - Risk of Post CABG Atrial Fibrillation Recurrence Using an Implantable Loop Monitor: The MONITOR-AF Study

Mikhael El-Chami, Faisal Merchant, Paige Smith, Mathew Levy, John Merlino, Angel Leon, Emory University, Atlanta, GA, USA

349 - Adherence to Guideline Recommendations in Atrial Fibrillation: Findings From ORBIT-AF

Adam Barnett, Sunghee Kim, Laine Thomas, Gregg Fonarow, Kenneth Mahaffey, Peter Kowey, Jack Ansell, Bernard Gersh, Alan S. Go, Elaine Hylek, Eric Peterson, Jonathan Piccini, Duke Clinical Research Institute, Durham, NC, USA

350 - Restoring Sinus Rhythm Improves Baroreflex Function in Patients With Persistent Atrial Fibrillation

Michael E. Field, Stephen Wasmund, Richard Page, Mohamed Hamdan, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

351 - Clinical Outcomes of Atrial Fibrillation Patients Receiving Digoxin in the RE-LY® Trial

Rangadham Nagarakanti, Stuart Connolly, Mandy Fraessdorf, Martina Brueckmann, Joerg Kreuzer, Paul Reilly, Jonas Oldgren, Salim Yusuf, Lars Wallentin, Michael Ezekowitz, Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ, USA

352 - Multi-Faceted Knowledge Translation to Improve Care of Patients With Atrial Fibrillation: Preliminary Results From the INTEGRATE/FACILITER Projects

Thao Huynh, Teresa Kus, Isabelle Greiss, Robert Breton, Jean-Francois Sarrazin, Martine Montigny, Vidal Essebag, Danielle Dion, Felix Alejandro Ayala Paredes, Franco Sandrin, Mladen Palaic, Lawrence Rudski, Vartan Mardigyan, Miguel Barrero Garcia, Serge Brulotte, Magdi Sami, Houde Gilles, Francois Philippon, Gilles O'Hara, Caroline Boudreault, Integrate Investigators, Mcgill Health University Center, Montreal, Canada

353 - Statin Use Is Associated With Lower Circulating Microrna 208a Levels in Patients With Atrial Fibrillation: Data From the Mirhythm Study

Suvasini Lakshmanan, Honghuang Lin, Kahraman Tanriverdi, Esa Nada, Kevin Donahue, Senthil Sivalingam, John Keane, Emelia Benjamin, Kevin Floyd, Lawrence Rosenthal, Jane Freedman, David McManus, University Of Massachusetts School of Medicine, Worcester, MA, USA

354 - Hospital Readmissions Among Patients With Nonvalvular Atrial Fibrillation Treated With the New Oral Anticoagulants, Apixaban, Dabigatran, and Rivaroxaban

Steven Deitelzweig, Kiran Gupta, Anagha Nadkarni, Jeffrey Trocio, Jay Lin, Melissa Lingohr-Smith, Ochsner Health System, New Orleans, LA, USA, Bristol-Myers Squibb, Plainsboro, NJ, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1189

#### Cardiac Arrest and Device Therapy

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

355 - Statewide Initiatives Improve the Care and Outcomes of Patients With Out-of-Hospital Cardiac Arrest at Home and in Public Locations: Results From the HeartRescue Project

Christopher B. Fordyce, Carolina M. Hansen, Kristian Kragholm, James G. Jollis, Mayme L. Roettig, Matthew E. Dupre, Lance B. Becker, Claire C. Corbett, Lisa Monk, R. Darrell Nelson, David A. Pearson, Clark Tyson, Sean Van Diepen, Monique L. Anderson, Bryan McNally, Christopher B. Granger, Duke Clinical Research Institute, Durham, NC, USA

356 - Association of Obesity With Survival After Cardiopulmonary Resuscitation for In-Hospital Cardiac Arrest: Analysis of the 2003-2011 National Inpatient Sample Databases

Tanush Gupta, Dhaval Kolte, Sahil Khera, Prakash Harikrishnan, Wilbert Aronow, Diwakar Jain, Sachin Sule, Howard Cooper, William Frishman, Sei Iwai, Deepak Bhatt, Gregg Fonarow, Julio Panza, New York Medical College, Valhalla, NY, USA

357 - Percutaneous Vacuum-Assisted Thrombectomy Device Used for Removal of Large Vegetations on Infected Pacemaker and Defibrillator Leads as an Adjunct to Lead Extraction

Raymond Harris Mac Schaefer, Sasan Najibi, John K. Conrad, Providence St. Joseph Medical Center, Burbank, CA, USA

358 - Health Care Cost After Cardiac Arrest in the United States

Abdulla Damluji, Mohammed Al-Damluji, Tony J. Zhang, Sydney Pomenti, Mauro Moscucci, Mauricio Cohen, Raul Mitrani, Robert Myerburg, University of Miami, Miller School of Medicine, Miami, FL, USA

360 - Automated Detection of Changes in Electrocardiographic Metrics on Continuous Telemetry Preceding In-Hospital Cardiac Arrests

Alan Kuo, Duc Do, Daniel Yazdi, Yong Bai, Quan Ding, David Mortara, Xiao Hu, Noel Boyle, Cardiac Arrhythmia Center, David Geffen School of Medicine at University of California, Los Angeles, Los Angeles, CA, USA, School of Nursing, University of California, San Francisco, San Francisco, CA, USA

361 - Association Between Hospital Rates of Early Do-Not-Resuscitate Orders and Favorable Neurological Survival Among Survivors of In-Hospital Cardiac Arrest

Timothy J. Fendler, John Spertus, Kevin Kennedy, Paul Chan, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

362 - Sudden Cardiac Death in Childhood

Grazia Delle Donne, Sanjay Prasad, Philip Kimberley, Piers Daubeney, Mary Sheppard, Royal Brompton Hospital, London, United Kingdom



363 - Association of Vitamin D Deficiency With Severe Shock in Patients Resuscitated From Sudden Cardiac Arrest  
Jin Wi, Dong-Ho Shin, Boyoung Joung, Division of Cardiology, Department of Internal Medicine, Yonsei University College of Medicine, Seoul, South Korea

364 - Paradoxical Neural Reflex Cardio-Inhibition in Cough Syncope  
Baris Akdemir, Oana Dickinson, Venkata Puppala, Balaji Krishnan, Bary LS Detloff, Scott Sakaguchi, Wayne Adkisson, David Benditt, University of Minnesota, Cardiovascular Division, Minneapolis, MN, USA

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1201M

#### AF Ablation: Improving Success Rates, Lowering Costs

Sunday, April 3, 2016, 9:45 a.m. - 10:30 a.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.  
Stent-Based Isolation of Pulmonary Veins  
Glenn Van Langenhove, Lahav Institute of Animal Research, Lahav, Israel

9:55 a.m.  
Question and Answer

10:00 a.m.  
Use of Oral Steroid and Its Effects on Atrial Fibrillation Recurrence and Inflammatory Cytokines Post Ablation - The Steroid Af Study: A Randomized Control Trial  
Sandia Iskandar, Muhammad Afzal, Johnson Rajasingh, Donita Atkins, Sudharani Bommana, Linda Umbarger, Melissa Jaeger, James Vacek, Rhea Pimentel, Madhu Reddy, Raghuvveer Dendi, Martin Emert, Luigi Di Biase, Andrea Natale, Dhanunjaya Lakkireddy, The University of Kansas Medical Center, Kansas City, KS, USA

10:10 a.m.  
Question and Answer

10:15 a.m.  
Catheter Ablation for the Treatment of Atrial Fibrillation Reduces Health Care Resource Utilization  
Michelle Samuel, Meytal Avgil Tsadok, Jacqueline Joza, Hassan Behloul, Atul Verma, Vidal Essebag, Louise Pilote, McGill University Health Centre, Montreal, Canada

10:25 a.m.  
Question and Answer

ACC Poster Moderator: James P. Daubert  
ACC Poster Moderator: Melissa R. Robinson

### Arrhythmias and Clinical EP - Scientific Session

#### Session #669

#### Preventing Sudden Death in Genetic Cardiovascular Disease

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Charles I. Berul  
Co-Chair: Hugh Calkins  
Panelist: Prince Kannankeril  
Panelist: Gregory Webster  
Panelist: Andrew D. Krahn  
Panelist: Marina Cerrone

10:45 a.m.  
After a Sudden Death: Molecular Autopsy and Family Evaluation  
Christopher Semsarian  
Camperdown, NSW, Australia

10:55 a.m.  
Genetic Counseling and a Team Approach to the Genetic CV Clinic  
Colleen Caleshu  
Palo Alto, CA

11:05 a.m.  
Case-Based Family Evaluation: VUS? ECG Borderline? My Toughest Case  
Prince Kannankeril  
Nashville, TN

11:10 a.m.  
Panel Discussion

11:15 a.m.  
Question and Answer

11:20 a.m.  
Case-Based Family Evaluation: VUS? ECG Borderline? My Toughest Case  
Gregory Webster  
Chicago, IL

11:25 a.m.  
Panel Discussion

11:30 a.m.  
Question and Answer

11:35 a.m.  
Case-Based Family Evaluation: VUS? ECG Borderline? My Toughest Case  
Andrew D. Krahn  
Vancouver, Canada

11:40 a.m.  
Panel Discussion

11:45 a.m.  
Question and Answer

12:00 p.m.  
Case-Based Family Evaluation: VUS? ECG Borderline? My Toughest Case  
Marina Cerrone  
New York, NY

12:05 p.m.  
Panel Discussion

12:10 p.m.  
Question and Answer

### Arrhythmias and Clinical EP - Scientific Session

#### Session #684

#### Hottest Debates in EP

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room S501

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Kenneth A. Ellenbogen  
Co-Chair: Andrea M. Russo

12:30 p.m.  
All ICDs at ERI Should Be Replaced: PRO  
Ulrika Birgersdotter-Green



12:40 p.m.  
All ICDs at ERI Should Be Replaced: CON  
Faisal Merchant  
Atlanta, GA

12:50 p.m.  
All Primary Prevention ICD Candidates Should Receive a Subcutaneous Device: PRO  
Martin C. Burke  
Chicago, IL

1:00 p.m.  
All Primary Prevention ICD Candidates Should Receive a Subcutaneous Device: CON  
David Milan  
Boston, MA

1:10 p.m.  
LVAD Patients Don't Need Pacing or Defibrillation: PRO  
Alan Enriquez  
New Haven, CT

1:20 p.m.  
LVAD Patients Don't Need Pacing or Defibrillation: CON  
Samuel Asirvatham  
Rochester, MN

1:30 p.m.  
Session Summary  
Robert G. Hauser  
Minneapolis, MN

1:40 p.m.  
Question and Answer

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1212M

#### Genetics of Arrhythmic Conditions

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.  
The Phenotypic Spectrum of Most Frequent Mutation Responsible for the Short QT Syndrome

Dan Hu, Jiancheng Zhang, Yang Li, Ryan Pfeiffer, Michael Gollob, Jeff Healey, Daniel Toshio Harrell, Naomasa Makita, Haruhiko Abe, Yaxun Sun, Jihong Guo, Li Zhang, Ganxin Yan, Douglas Mah, Edward Walsh, Harris Leopold, Carla Giustetto, Fiorenzo Gaita, Andrea Mazzanti, Silvia Priori, Charles Antzelevitch, Hector Barajas Martinez, Masonic Medical Research Laboratory, Utica, NY, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
Being Asymptomatic With Atrial Fibrillation: Is It a Genetic Trait?  
Sanghamitra Mohanty, Amelia Hall, Prasant Mohanty, Chintan Trivedi, Carola Gianni, Amin Al-Ahmad, John Burkhardt, G. Joseph Gallinghouse, Rodney Horton, Javier Sanchez, Patrick Hranitzky, Luigi Di Biase, Vishwanath Iyer, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA, University of Texas at Austin, Austin, TX, USA

12:55 p.m.  
Question and Answer

1:00 p.m.  
Calmodulin 2 and 3 Novel Mutations and Cardiac Arrest in Infants  
Juan Jiménez Jáimez, Rosa Macías, Francesca Perin, María del Mar Rodríguez Vázquez del Rey, Miguel Álvarez, Luis Tercedor, Hospital Universitario Virgen de las Nieves, Granada, Spain

1:10 p.m.  
Question and Answer

1:15 p.m.  
Marfan Syndrome Related to *TGFBR2* Mutation and Sudden Death: A Role for Abnormal Ventricular Repolarization Related Arrhythmias?  
Fabrice Extramiana, Olivier Milleron, Sandy Elbitar, Arianna Uccellini, Gabriel Delorme, Florence Arnoult, Isabelle Denjoy, Maud Langeois, Myrtille Spentchian, Veronique Fressart, Pierre Maison-Blanche, Patrick De Jode, Marianne Abifadel, Antoine Leenhardt, Catherine Boileau, Guillaume Jondeau, AP-HP, Service de Cardiologie, Hôpital Bichat, Paris, France, Univ Paris Diderot, Sorbonne Paris Cité, Paris, France

1:25 p.m.  
Question and Answer

1:30 p.m.  
Genetic Variants in Patients With Brugada Syndrome  
Matthew O'Donnell, Bortolo Martini, Samir Patel, Saad Rasheed, Ernest Gillian, Steven A. Rothman, Peter R. Kowey, Charles Antzelevitch, Li Zhang, Lankenau Institute for Medical Research, Wynnewood, PA, USA, Cardiovascular Unit, Alto Vicentino Hospital, Thiene, Italy

1:40 p.m.  
Question and Answer

ACC Poster Moderator: David Milan  
ACC Poster Moderator: Mina K. Chung

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1233

#### Insights Into New Therapies in Electrophysiology and Devices

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - Riata Lead Extraction: Lead Failure Does Not Increase Difficulty  
Ankur Tiwari, Faiz Subzposh, Ashwani Gupta, Eduard Koman, James McCaffrey, Heath Saltzman, Steven Kutalek, Drexel University College of Medicine, Philadelphia, PA, USA

324 - Outcomes of Transvenous Lead Extraction in Nonagenarians  
Ankur Tiwari, Ashwani Gupta, Faiz Subzposh, James McCaffrey, Eduard Koman, Heath Saltzman, Steven Kutalek, Drexel University College of Medicine, Philadelphia, PA, USA

325 - Novel Doppler-guided Subxyphoid Approach to Avoid Coronary Artery Damage During Left Ventricular Epicardial Lead Placement or Ablation  
John D. Fisher, Linnea Lentz, Andrea J. Asleson, Rick McVenes, Zhongping Yang, Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA, Medtronic Inc, Mounds View, MN, USA

326 - Implantable Cardioverter Defibrillator in Catecholaminergic Polymorphic Ventricular Tachycardia  
Fernando Wangüemert Pérez, Pablo Ruiz Hernandez, Guillermo Pérez, Oscar Campuzano Larrea, Julio Hernandez, Josep Brugada, Ramon Brugada, Cardiant, Las Palmas, Spain

327 - Safety and Efficacy of Rivaroxaban in Patients With Cardiac Implantable Electronic Devices: Observations From the ROCKET AF Trial  
George Leef, Anne Hellkamp, Manesh Patel, Richard Becker, Scott Berkowitz, Guenter Breithardt, Jonathan Halperin, Christopher Nessel, Daniel Singer,



Keith Fox, Kenneth Mahaffey, Jonathan Piccini, Duke Clinical Research Institute, Durham, NC, USA, Stanford University, Stanford, CA, USA

328 - Effectiveness of an Electronic Health Record-Based Intervention to Improve Utilization Rates of Implantable Cardioverter-Defibrillators for Primary Prevention of Sudden Cardiac

Diego F. Belardi, Nicolas Vecchio, Mariano Benzadon, Instituto Cardiovascular de Buenos Aires, Ciudad Autonomad de Buenos Air, Argentina, Kaiser Permanente Colorado, Denver, CO, USA

329 - Decreased Inappropriate Shocks With Newer ICDs in Pediatric and Congenital Patients

Stephanie Goldstein, Martin LaPage, Brynn Dechert, Gerald Serwer, Sunkyung Yu, Ray Lowery, David Bradley, Michigan Congenital Heart Center, Ann Arbor, MI, USA

330 - Outcome of Direct Current Cardioversion in Adult Fontan Patients

Alexander C. Ege, Christopher McLeod, Talha Niaz, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

331 - Two Incision Versus Three Incision Procedure Times for Implantation of Subcutaneous Implantable Cardioverter Defibrillators: A Two Center Experience

Christina Dookhan, Abhijit Ghatak, Santosh Padala, Rizwan Alimohammad, David Steckman, Henry Tan, James O'Brien, Mandeep Sidhu, Assaf Tzur, Ivan Mendoza, Jackson Memorial Hospital, Miami, FL, USA, Albany Medical Center, Albany, NY, USA

332 - Clinical Performance of Physiologically Designed Quadripolar Left Ventricular Pacing Leads: Primary Results From the NAVIGATE X4 Clinical Trial

Suneet Mittal, Devi Nair, Benzy Padanilam, Allen Ciuffo, Nigel Gupta, Peter Gallagher, Bruce Goldner, Eric Hammill, Nicholas Wold, Martin Burke, The Valley Hospital, Ridgewood, NJ, USA, Boston Scientific, Minneapolis, MN, USA

333 - Hybrid and Staged Pulmonary Vein Isolation With Left Atrial Appendage Closure for Rhythm Control and Prevention of Thromboembolism in Atrial Fibrillation

Rhanderson Cardoso, Mohammad Ansari, Daniel Garcia, Nicolo Piazza, University of Miami, Jackson Memorial Hospital, Miami, FL, USA

334 - Outcomes of Periprocedural Anticoagulation Therapy With Warfarin Versus New Oral Anticoagulants in Patients Undergoing Cardiac Implantable Electronic Device Placement

Lena Trager, Cesar Martinez, Ross Garberich, Tamara Langeberg, Jay Sengupta, Leah Kupiers, JoEllyn Abraham, Raed Abdelhadi, Minneapolis Heart Institute, Minneapolis, MN, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1234

#### ECG: Still a Lot to Teach Us

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

335 - Skin Nerve Activities and Cardiac Arrhythmias in Patients Recovering From Open Heart Surgery

Mark J. Shen, Arthur Coffey, Susan Straka, David Adams, David B. Wagner, Richard Kovacs, Changyu Shen, Lan S. Chen, Shien-Fong Lin, Peng Sheng Chen, Krannert Institute of Cardiology, Indiana University, Indianapolis, IN, USA

336 - Non-Sustained Microvolt Level T-Wave Alternans in Congenital Long QT Syndrome Types 1 and 2

Jovil Kannampuzha, Bartholomew White, Sravani Avula, Stephen Ganocy, Peter Leo, Elizabeth Kaufman, MetroHealth Campus of Case Western Reserve University, Cleveland, OH, USA

337 - His Bundle Pacing to Bypass Left Bundle Branch Block: The Relationship Between Pre-Pacing QRS Axis and Pacing-Induced QRS Normalization  
Alexandra Teng, Daniel Lustgarten, Pugazhendhi Vijayaraman, Gopi Dandamudi, Kalyanam Shivkumar, Roderick Tung, Galen Wagner, Olujimi Ajjola, UCLA Medical Center, Los Angeles, CA, USA

338 - The Value of Electrocardiography for the Prognostication of Acute Pulmonary Embolism: A Systematic Review and Meta-Analysis  
Amro Qaddoura, Genevieve Digby, Conrad Kabali, Piotr Kukla, Zhong-Qun Zhan, Adrian Baranchuk, Queen's University, Kingston, Canada

340 - Association of Major and Minor Electrocardiographic Abnormalities With Cardiovascular Morbidity and Mortality in the Multi-Ethnic Study of Atherosclerosis Cohort

Panteha Rezaeian, David N. Ezekiel, Thomas Diaz, Roger Blumenthal, Christine Darwin, Robyn McClelland, Donald Lloyd-Jones, Romeo Castillo, Hobart Lee, Khurram Nasir, Saman Nazarian, Juan Rivera, Elsayed Soliman, Matthew Budoff, Los Angeles Biomedical Institute, Torrance, CA, USA

341 - Local Upper Thoracic Bioimpedance: A Potential Method for Long-Term Non-Invasive Hemodynamic Monitoring

Venkata Krishna Puppala, Dev Venugopal, Oana Dickinson, Samit S. Roy, Barry Detloff, Julie Dicken, Robert Patterson, David Benditt, University of Minnesota, Minneapolis, MN, USA

342 - Different Techniques for Catheter Ablation of Anteroseptal Accessory Pathway: Implication for Mapping and Ablation

Yaling Han, Ming Liang, Zulu Wang, Yanchun Liang, Department of Cardiology, General Hospital of Shenyang Military Region, Shneyang, People's Republic of China

343 - Aortic Valve Repair/Replacement Shortens the Prolonged QT Interval in Patients With Acquired Long QT Syndrome Associated With Aortic Valve Stenosis

Li Zhang, Amanulla Khaji, Zakir Shaik, Scott Goldman, Roberto Rodriguez, Lisa Igdibashian, Hafiz Khan, Eric Gnall, Paul Coady, Katie Hawthorne, Konstadinos Plestis, Peter Kowey, Lankenau Medical Center & Lankenau Institute for Medical Research, Wynnewood, PA, USA, Thomas Jefferson University, Philadelphia, PA, USA

344 - Different Effects of Metabolically Healthy and Unhealthy Obesity on Prolongation of Corrected QT Interval

Xiaofan Guo, Zhao Li, Yingxian Sun, Mark Pletcher, Department of Cardiology, the First Hospital of China Medical University, Shenyang, People's Republic of China, Department of Epidemiology and Biostatistics, University of California San Francisco, San Francisco, CA, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1235

#### Better Diagnosis and Treatment for AF and SVT

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

345 - Risk of Hospitalization Among Adult Medicaid Enrollees With Atrial Fibrillation on Digoxin Therapy

Demilade Adedinsewo, Junjun Xu, Pradyumna Agasthi, Adesoji Oderinde, Nchang Taka, Oluwatoyosi Adekeye, Rajesh Sachdeva, George Rust, Anekwe Onwuanyi, Morehouse School of Medicine, Atlanta, GA, USA

346 - Physician Decision Making in Anticoagulating Atrial Fibrillation: A Prospective Survey Evaluating a Physician Alert System for Atrial Fibrillation Detected on Cardiac Implantable Electronic Devices

Justin Cloutier, Clarence Khoo, Brett Hiebert, Anthony Wassef, Colette Seifer, St. Boniface Hospital, University of Manitoba, Section of Cardiology, Winnipeg, Canada



347 - Impact of Moderate to Severe Renal Impairment on the Long-Term Clinical Outcomes in Patients With Atrial Fibrillation  
Sung Woo Cho, Jin Kyung Hwang, Kwang Jin Chun, Seung-Jung Park, Kyoung-Min Park, June Soo Kim, Jiseok Kang, Kyunghye Lim, Young Keun On, Heart Vascular Stroke Institute, Samsung Medical Center, Seoul, South Korea, Sungkyunkwan University School of, Seoul, South Korea

348 - Relationship Between Reduction of Systolic Blood Pressure and Atrial Fibrillation Burden After Renal Denervation and Pulmonary Vein Isolation  
Evgeny Pokushalov, Alexander Romanov, Demosthenes Katritsis, Artem Strelnikov, Sergey Artemenko, Sevda Bayramova, Denis Losik, Vera Baranova, Alexander Karaskov, Jonathan Steinberg, State Research Institute of Circulation Pathology, Novosibirsk, Russian Federation

349 - Soluble ST2 and High Sensitivity Cardiac Troponin-T Levels Predict Atrial Fibrillation Ablation Outcome  
Vincent Y. See, Timm Dickfeld, Stephen Shorofsky, Anastasios Saliaris, Benjamin Remo, Thomas Klein, Andrew Zohlman, Robert Christenson, Christopher DeFilippi, University of Maryland School of Medicine, Baltimore, MD, USA, University of Maryland Medical Center, Baltimore, MD, USA

350 - Depression Predicts All-Cause 2-Year Mortality in Patients With Atrial Fibrillation and Heart Failure  
Bruno Lima, Tianxiu Wang, Chung-Chou Chang, Samir Saba, Bruce Rollman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

351 - Prevalence and Significance of Incidental Findings in Cardiac Computed Tomography Prior to Atrial Fibrillation Ablation  
Sandia Iskandar, Mamatha Vodapally, Ravali Neerumalla, Maruthsakhil Molugu, RajaRajeswari Swarna, Quratulain Javed, Karthik Gangu, Anirudh Gone, Muhammad Afzal, Donita Atkins, Sudharani Bommana, Madhu Reddy, Dhanunjaya Lakkireddy, The University of Kansas Medical Center, Kansas City, KS, USA

352 - Annual Hospital Procedure Volume Predicts Permanent Pacemaker Implantation After Supraventricular Tachycardia (SVT) Ablation: An Analysis of 11,224 Ablations  
Vratika Agarwal, Neeraj Shah, James Lafferty, Staten Island University Hospital NSLIJ Network, Staten Island, NY, USA

353 - Performance and Usability of a Novel Smartphone Application for Atrial Fibrillation Detection in an Ambulatory Population Referred for Cardiac Monitoring  
Mavank Sardana, Jane Saczynski, Nada Esa, Kevin Floyd, Ki Chon, Jo Woon Chong, David McManus, University of Massachusetts Medical School, Worcester, MA, USA, University of Connecticut, Storrs, CT, USA

354 - Positive Effect of Radiofrequency Catheter Ablation on Mitral Regurgitation Secondary to Atrial Fibrillation  
Daimon Kuwahara, Nozomi Watanabe, Keiichi Ashikaga, Shun Nishino, Hirohide Matsuura, Tomoko Fukuda, Tatsuya Nakama, Makoto Furugen, Hiroshi Koiwaya, Nehiro Kuriyama, Yoshisato Shibata, Miyazaki Medical Association Hospital, Miyazaki, Japan

355 - Health-Related Quality of Life After Surgical Ablation: Role of Rhythm and Medication Status  
Niv Ad, Sari Holmes, Deborah Lamont, Deborah Shuman, Graciela Pritchard, Lisa Fornaresio, Inova Heart and Vascular Institute, Falls Church, VA, USA

356 - Impact of Rhythm Versus Rate Control for Patients With Acute Decompensated Heart Failure and Atrial Fibrillation or Flutter  
Lee Joseph, Abraham Sonny, Somnath Bose, Prashant Bhawe, Michael Giudici, Mary S. Vaughan-Sarrazin, University of Iowa, Iowa City, IA, USA

357 - Is There a Difference in Tachycardia Cycle Length During Supraventricular Tachycardia in Children With Atrio-Ventricular Reciprocating Tachycardia and Atrio-Ventricular Nodal Re-Entry Tachycardia?

Marcos Mills, Kara Motonaga, Anthony Trela, Anne Dubin, Kishor Avasarala, Scott Ceresnak, Lucile Packard Children's Hospital: Stanford Children's Health, Palo Alto, CA, USA

358 - Temporal Variability of Atrial Fibrillation Recurrence: Implications for Reclassification  
Efstratios I. Charitos, Hendrick Treede, Paul Ziegler, University of Halle, Halle, Germany, Medtronic, Mounds View, MN, USA

359 - A Dedicated Atrial Fibrillation Program Improves Catheter Ablation Outcomes and Electrophysiology Lab Resource Utilization  
Donna M. Suter, Kevin Floyd, Lawrence Rosenthal, Clifford Browning, Cynthia Ennis, J. Kevin Donahue, John Keaney, Theo Meyer, David McManus, UMassMemorial Medical Center, Worcester, MA, USA

360 - Older Age Should Not Always Stand for Conservative Management: Left Atrial Fibrosis in Elderly Patients With Atrial Fibrillation  
Christian Mahnkopf, Marcel Mitlacher, Johannes Brachmann, Klinikum Coburg, Dept. of Cardiology, Coburg, Germany

361 - Coexistent Hypertrophic Cardiomyopathy and Obstructive Sleep Apnea Increase the Risk of Arrhythmia Recurrence Following Catheter Ablation of Atrial Fibrillation  
Sanghamitra Mohanty, Prasant Mohanty, Chintan Trivedi, Carola Gianni, Amin Al-Ahmad, John Burkhardt, G. Joseph Gallinghouse, Rodney Horton, Javier Sanchez, Patrick Hranitzky, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA

362 - Poor Heart Rate Reserve Predicts New Onset Atrial Fibrillation in Middle Aged Adults  
Avi Sabbag, Anat Berkovitch, Yechezkel Sidi, Shaye Kivity, Roy Binart, Shlomo Segev, Michael Glikson, Ilan Goldenberg, Elad Maor, Sheba Medical Center, Ramat Gan, Israel

363 - Non-Alcoholic Fatty Liver Disease Is Independently Associated With New Onset Atrial Fibrillation: A Nationwide Cohort Study in Korea  
Seng Chan You, Pil-Sung Yang, Tae-Hoon Kim, Jae-Sun Uhm, Hui-Nam Pak, Moon-Hyoung Lee, Boyoung Joung, Yonsei University College of Medicine, Seoul, South Korea

364 - MicroRNAs 206, 155-5p, and 374a-5p Are Key Regulators of Inflammation and Relate to Circulating C-Reactive Protein Levels in Patients With Atrial Fibrillation: Data From the Mirhythm Study  
Suvasini Lakshmanan, Honghuang Lin, Kahraman Tanriverdi, Esa Nada, Senthil Sivalingam, Kevin Donahue, John Keaney, Emelia Benjamin, Kevin Floyd, Lawrence Rosenthal, Jane Freedman, David McManus, University Of Massachusetts School of Medicine, Worcester, MA, USA

### Arrhythmias and Clinical EP - International Session

#### Session #516

#### Interventions for Atrial Fibrillation and Ventricular Arrhythmias: International Perspectives From the Cardiac Society of Australia and New Zealand, Israel Heart Society, and American College of Cardiology

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room N427cd

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Frederick A. Masoudi

Co-Chair: Michael Glikson

Co-Chair: Aravinda Thiagalingam

2:00 p.m.

Introduction to Session

Frederick A. Masoudi



2:05 p.m.  
Risk Factor Modification for Control of Atrial Fibrillation: What is the Evidence?

Prashanthan Sanders  
Adelaide, Australia

2:16 p.m.  
Ablation for Persistent Atrial Fibrillation: What is the Status in 2016?

Jonathan M. Kalman  
Melbourne, Australia

2:27 p.m.  
Spinal Cord Stimulation: Can it Play a Role?

Douglas P. Zipes  
Indianapolis, IN

2:38 p.m.  
The Israeli ICD Registry: Current Practice and Results of Treatment with ICDs

Mahmoud Suleiman  
Haifa, Israel

2:49 p.m.  
The Israeli ICD Registry: Lessons From Special Populations

Moti Haim  
Petah Tikva, Israel

3:00 p.m.  
Discussion

### Arrhythmias and Clinical EP - Scientific Session

#### Session #699

#### ECG Session

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Yochai Birnbaum

Co-Chair: Peter A. Brady

Panelist: Anne M. Gillis

Panelist: William G. Stevenson

Panelist: Paul J. Wang

Panelist: Eric N. Prystowsky

Panelist: Sami Viskin

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1246M

#### Prediction and Prevention of Sudden Cardiac Death: Can We Do It?

#### Can We Afford It?

Sunday, April 3, 2016, 3:45 p.m. - 4:30 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area,

South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.  
Postoperative MI and Mortality Associated With Left Bundle Branch Block  
Karl Richardson, Sharon Shen, Deepak Gupta, Quinn Wells, Jesse M. Ehrenfeld, Jonathan P. Wanderer, Vanderbilt University Medical Center, Nashville, TN, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Bileaflet Mitral Valve Prolapse and the Risk of Ventricular Dysrhythmias and Death

Ben Nordhues, Konstantinos Siontis, Christopher Scott, Vuyisile Nkomo, Michael Ackerman, Samuel Asirvatham, Peter Noseworthy, Mayo Clinic, Rochester, MN, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
QT Prolongation Is Associated With Mortality in End Stage Liver Disease Patients

Sun Moon Kim, Bennet George, Diego Alcivar Franco, Richard Charnigo, Charles Campbell, Samy Elayi, Alison Bailey, University of Kentucky, Lexington, KY, USA

4:25 p.m.  
Question and Answer

ACC Poster Moderator: Andrew E. Epstein  
ACC Poster Moderator: Larisa G. Tereshchenko

### Arrhythmias and Clinical EP - Scientific Session

#### Session #714

#### Stroke Prevention in Afib: Drugs, Devices, and Discussion

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S501

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: James V. Freeman

Co-Chair: Anne B. Curtis

Panelist: Miguel Valderrabano

Panelist: Andy Kiser

Panelist: Phillip S. Cuculich

Panelist: Bulent Gorenek

Panelist: Bernard J. Gersh

4:45 p.m.  
OACs: When and Which?  
Bernard J. Gersh  
Rochester, MN

4:52 p.m.  
Panel Discussion

4:57 p.m.  
My Patient Cannot Take an OAC: Which Device Should I Choose?  
Dhanunjaya R. Lakkireddy  
Overland Park, KS

5:02 p.m.  
Panel Discussion

5:07 p.m.  
Newer Risk Factors for Stroke - Does Appendage Velocity, LA Size, and Diastolic Function Matter?  
T. Jared Bunch  
Murray, UT

5:14 p.m.  
Panel Discussion

5:19 p.m.  
Can We Ever Stop Anticoagulation After Confirming Success With AF Ablation?  
Gregory F. Michaud  
Concord, MA

5:26 p.m.  
Panel Discussion



5:31 p.m.  
How Much AF Warrants OAC? 30 Seconds? 5 Minutes? Only CHADS-VASC?  
Taya Glotzer  
Hackensack, NJ

5:38 p.m.  
Panel Discussion

5:43 p.m.  
How to Choose OAC Strategies in CAD Patients: Challenges of Triple Therapy  
Bulent Gorenek  
Eskisehir, Turkey

5:50 p.m.  
Panel Discussion

### Arrhythmias and Clinical EP - Scientific Session

#### Session #727

##### Syncope: Case Study Based Learning

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Nancy Berg  
Co-Chair: Federico Gentile  
Panelist: Kim K. Birtcher  
Panelist: Mohamed H. Hamdan  
Panelist: Fred M. Kusumoto

8:00 a.m.  
Case Presentation: My 22 Year-Old Female College Student Has Palpitations, Dizziness, Chest Pain, Shortness of Breath and Syncope  
Dan Sorajja  
Phoenix, AZ

8:10 a.m.  
Panel Discussion

8:20 a.m.  
Question and Answer

8:30 a.m.  
Case Presentation: My 78 Year-Old Male Patient Presented With Syncope; He Has Stable Angina, HTN, DM, OSA, and LBBB on EKG  
Adam Skolnick  
New York, NY

8:40 a.m.  
Panel Discussion

8:50 a.m.  
Question and Answer

9:00 a.m.  
Case Presentation: My 17 Year Old Football Player Presented With Syncope and Septal Thickness of 15mm  
Zachary D. Goldberger  
Seattle, WA

9:10 a.m.  
Panel Discussion

9:20 a.m.  
Question and Answer

### Arrhythmias and Clinical EP - Maintenance of Certification

#### Session #824

##### Study Session for Maintenance of Certification: Guidelines Module 3: Atrial Fibrillation

Monday, April 4, 2016, 8 a.m. - 10:30 a.m.

Room S105ab

CME Hours: 2.5 /CNE Hours: 0

Chair: Byron Kwock Lee  
MOC Faculty: Samuel Asirvatham  
MOC Faculty: Mintu Turakhia

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1266

##### Clinical Care of Patients With Implanted Devices

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - Troponin Elevation During Pacemaker Implantation Is Dependent on Lead Position and Is Not Predictive of Acute Pacing Parameters at Implant  
Abraham S. Salacata, Christopher Kaczmarzak, Brenda Rosenberg, Amanda Thompson, Cathy Spade, Endeavor Medical Research, Alpena, MI, USA

324 - Implantable Defibrillator Management Near the End of Life: Do Patients Know Enough to Decide?  
Silvia del Castillo, Miguel Angel Arias, Roger Villuendas, Marta Pachon, Alberto Puchol, Damia Pereferrer, Alejandro Curcio, Hospital Universitario de Fuenlabrada, Madrid, Spain

325 - Chronotropic Incompetence in Icd Recipients: Implications for Device Selection  
Jagdish Kandala, Clint Oommen, Naktal Hamoud, Peter Ott, Sarver Heart Center, University of Arizona, Tucson, AZ, USA

326 - Soluble ST2 Is Affected by Pulmonary Hypertension Severity in Patients Undergoing Cardiac Resynchronization Therapy  
Jigar Contractor, Roderick Deano, Jackie Szymonifka, Qing Zhou, Jonathan Beaudoin, James Januzzi, Jagmeet Singh, Quynh Truong, New York-Presbyterian Hospital and Weill Cornell Medical College, New York, NY, USA

327 - Characteristics and Clinical Outcomes of Patients Undergoing Subcutaneous Versus Transvenous Single Chamber ICD Placement  
Ali Mithani, Heaton Kath, Eben Eno, Karim Nathan, Julie Field, Krystal Hunter, Matthew Ortman, John Andriulli, Andrea Russo, Cooper University Hospital, Camden, NJ, USA

328 - Ghosts After Lead Removal: Etiology and Prognostic Impact. A Report of an Intracardiac and Transesophageal Echocardiographic Study  
Carlo Caiati, Giovanni Luzzi, Mario Erminio Lepera, Daniela Santoro, Paolo Pollice, Isabella Lacitignola, Zefferino Palamà, Tommaso Acquaviva, Mario Catalano, Stefano Favale, University of Bari, Bari, Italy

329 - In-Hospital Mortality Among Patients Receiving an Implantable Cardioverter-Defibrillator in the United States: 2000 to 2012  
Ra'Ad Tashman, Ra'Ad Tashman, Elena Dolmatova, Kasra Moazzami, Monali Patel, Victor Mazza, Marc Klapholz, Alfonso Waller, Rutgers University-NJMS, Newark, NJ, USA

330 - Timely Deactivation of Implantable Cardioverter Defibrillator-Therapy: Work in Progress  
Dilek Yilmaz, Aafke Van Der Heijden, Joep Thijssen, Martin Schalijs, Lieselot van Erven, Leiden University Medical Center, Leiden, The Netherlands





331 - Outcomes Following Lead Extraction According to Indication: Infection Versus Non-Infection

Eric Black-Maier, Sean Pokorney, Alexander Christian, Robert K. Lewis, Ruth Ann Greenfield, Donald Hegland, James Daubert, Jonathan Piccini, Duke University Medical Center, Durham, NC, USA

332 - Predictors and Rates of Mortality in Implantable Cardioverter Defibrillator Recipients in the Central Midwest

Indrajit Choudhuri, Randy S. Turkel, Maharaj Singh, Robyn L. Shearer, Abdur R. Ahmad, Bilal Omery, Arshad Jahangir, M. Eyman Mortada, Jasbir Sra, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

333 - Imaging the p.m./ICD Patient in the MRI Environment: Safety Assumed, Lessons Learned

Huma Samar, June Yamrozik, Mark Doyle, Ronald Williams, Geetha Rayarao, Diane V. Thompson, Moneal Shah, Victor Farah, Christopher Bonnet, Robert Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

334 - Premature Battery Depletion in St. Jude Fortify®, Unify®, and Current® Cardiac Implanted Electronic Devices

Travis Dennis Richardson, Babar Parvez, Sharon Shen, Christopher Ellis, Jeffrey Rottman, Vanderbilt Heart and Vascular Institute, Nashville, TN, USA, Nashville VA Medical Center, Nashville, TN, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1267

#### Updates on Rhythm Diagnostics

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

335 - Acute Postprocedural Radiofrequency Lesion Assessment With Magnetic Resonance Imaging After Ablation of Arrhythmias Arising From the Left Ventricular Summit: Characterization of Transmural Penetration

Roderick Tung, Daniel Brunengraber, John Moriarty, Kalyanam Shivkumar, UCLA, Los Angeles, CA, USA

336 - Torsades de Pointes With Pseudo-T Wave Alternans During Rociletinib Therapy: Novel Manifestation of a Rare Side Effect

Alexandra Teng, Michael Share, Jeffrey Hsu, Edward Garon, Jonathan Goldman, Eric H. Yang, Roderick Tung, UCLA Medical Center, Los Angeles, CA, USA

337 - Limited Predictive Value of Noninducibility During Scar-Related VT Ablation in Both Ischemic and Nonischemic Cardiomyopathy Patients

Duc H. Do, Ricky Yu, Noel Boyle, Kalyanam Shivkumar, Roderick Tung, UCLA Cardiac Arrhythmia Center, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA

338 - Sleep Apnea Risk and Lethal Ventricular Arrhythmias in Congestive Heart Failure Patients With Implantable Cardioverter Defibrillators

Nchang Taka, Demilade Adedinsowo, Sivakumar Kalaivani, Punita Kaveti, Maihemuti Axiyan, Pradyumna Agasthi, Kyra Clark, Elizabeth Ofili, Rachel Harris, Morehouse School of Medicine, Atlanta, GA, USA

339 - Non-Invasive Markers of Dispersion of Repolarization, Ventricular Arrhythmias and ICD Therapies in Post-Myocardial Infarction Patients With Relatively Preserved Left Ventricular Ejection Fraction

Bich Lien Nguyen, Sara Iuliano, Alessandro Persi, Fabrizio Ammirati, Antonio Ciccaglioni, Nicola Alessandri, Carlo Gaudio, Gianfranco Piccirillo, Sapienza University of Rome, Rome, Italy

340 - Substrate Differences With Voltage Mapping During Right Ventricular Pacing Versus Sinus Rhythm

Suraj Kapa, Seth Sheldon, Amit Noheria, Samuel Asirvatham, Mayo Clinic College of Medicine, Rochester, MN, USA

341 - Efficacy of Catheter Ablation for Ventricular Arrhythmias: A Systematic Review

Wael Algarawi, H. Mia, PB Nery, MM sadek, CJ Redpath, DH Birnie, A. Szczotka, Girish Nair, University of Ottawa Heart Institute, Ottawa, Canada, King Saud University, Riyadh, Saudi Arabia

342 - The Heart Rate During Tilt Is Lower in Patients With Vasovagal Syncope and Positive Tilt Table Test When Compared to Patients With Vasovagal Syncope and Negative Tilt Table Test With No Significant Change the Baroreflex

Ashish Chaddha, Kevin E. Wenzke, Stephen Wasmund, Richard Page, Mohamed Hamdan, University of Wisconsin- Madison, Madison, WI, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1268

#### World Discussion of Anticoagulation for Atrial Fibrillation

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

343 - Compare Major Bleeding Risk and Associated Costs Among NVAf Patients With CHA2DS2-VASc Score  $\geq 3$  Newly Anticoagulated With Apixaban Versus Warfarin

Steven Deitelzweig, Kiran Gupta, Augustina Ogbonnaya, Manan Shah, Eileen Farrelly, Tasneem Lokhandwala, Michael Eaddy, Bristol-Myers Squibb, Princeton, NJ, USA, Pfizer, New York, NY, USA

344 - Incidence and Outcomes of Patients With Atrial Fibrillation and Major Bleeding Complications: Findings From the TREAT-AF Study

Daniel Kaiser, Randall Lee, Jun Fan, Susan Schmitt, Mintu Turakhia, Stanford University School of Medicine, Stanford, CA, USA, University of California San Francisco, San Francisco, CA, USA

345 - Aspirin With Non-Vitamin K Antagonists Versus With Vitamin K Antagonists for Atrial Fibrillation Patients With Indication for Antiplatelets: Evidence From a Meta-Analysis

Ramez S. Nairooz, Ahmed Almomani, Partha Sardar, Karam Ayoub, Waddah Maskoun, University of Arkansas for Medical Sciences, Little Rock, AR, USA

346 - External Validation of the Biomarker-Based ABC-Stroke Risk Score for Atrial Fibrillation

Jonas Oldgren, Ziad Hijazi, Johan Lindback, John Alexander, Stuart Connolly, John Eikelboom, Michael Ezekowitz, Christopher Granger, Elaine Hylek, Renato Lopes, Agneta Siegbahn, Salim Yusuf, Lars Wallentin, Department of Medical Sciences, Cardiology, and Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

347 - Dabigatran in Atrial Fibrillation: Dose Titration Using Thrombin Time

Richard F. Wright, Pacific Heart Institute, Santa Monica, CA, USA, Providence Saint Johns Health Center, Santa Monica, CA, USA

348 - CHADS-VASC Score and the Risk of New Onset Atrial Fibrillation Among Middle Age Adults

Anat Berkovitch, Avi Sabbag, Shlomo Segev, Shaye Kivity, Yechezkel Sidi, Ilan Goldenberg, Elad Maor, Sheba Medical Center, Tel Hashomer, Israel

349 - Real World Comparison of Major Bleeding Risk Among Non-Valvular Atrial Fibrillation Patients Newly Initiated on Apixaban, Warfarin, Dabigatran or Rivaroxaban: A 1:1 Propensity-Score Matched Analysis

Gregory Lip, Allison Keshishian, Shital Kamble, Xianying Pan, Leah Burns, Jack Mardekian, Cristina Masseria, Amanda Bruno, Hemant Phatak, Bristol-Myers Squibb Company, New York, NY, USA, Pfizer Inc, New York, NY, USA

350 - Time in Therapeutic Range (TTR): Analysis in a Large Observational Cohort Taking Warfarin for Chads2 Measured Risk in Non-Valvular Atrial Fibrillation Patients

Orna Reges, Morton Leibowitz, Moshe Hoshen, Yoav Arnson, Ran Balicer, Moti Haim, Clalit Health Services, Tel Aviv, Israel



351 - Effects of Dabigatran Versus Warfarin in Relation to Left Ventricular Hypertrophy in Atrial Fibrillation  
Paolo Verdecchia, Giuseppe Di Pasquale, Gianpaolo Reboldi, Fabio Angeli, Giovanni Mazzotta, Martina Brueckmann, Eva Kleine, Lars Wallentin, Michael Ezekowitz, Salim Yusuf, Stuart Connolly, Department of Medicine, Hospital of Assisi, Assisi, Italy

352 - Oral Anticoagulant Selection in Community Patients With New-Onset Atrial Fibrillation: Results From the ORBIT-AF II Registry  
Benjamin Steinberg, Peter Shrader, Laine Thomas, Gregg Fonarow, Elaine Hylek, Jack Ansell, Peter Kowey, Bernard Gersh, Kenneth Mahaffey, Alan S. Go, Emily O'Brien, Daniel Singer, Eric Peterson, Jonathan Piccini, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

353 - Low Use of Oral Anticoagulation in Patients With Atrial Fibrillation and Risk for Stroke in the United States  
Sean Pokorney, Richard Platt, Lisa Ortendahl, Tiffany Woodworth, Noelle Cocoros, Cheryl Walraven, Jeffrey Brown, Vinit Nair, Emily O'Brien, Meena Rao, Lesley Curtis, Pamela Tenaerts, Hussein Al-Khalidi, Christopher Granger, Duke University Medical Center, Durham, NC, USA

354 - Comparison of Bleeding and Treatment Persistence Among New Users of Novel Oral Anticoagulants and Warfarin in Patients With Non-Valvular Atrial Fibrillation  
Morten Lamberts, Louise Harboe, Cinira Lefevre, David Evans, Gunnar Gislason, Department of Cardiology, Gentofte University Hospital, Copenhagen, Denmark, Bristol-Meyers Squibb, Copenhagen, Denmark

355 - Association of Insurance Type With Receipt of Oral Anticoagulation in Atrial Fibrillation: An Analysis of the American College of Cardiology NCDR PINNACLE Registry  
Celina M. Yong, Yuyin Liu, Lanyu Lei, Gheorghe Doros, Christopher Cannon, Tom Maddox, Anil Gehi, Salim Virani, Mintu Turakhia, ACC PINNACLE Investigators, Stanford University School of Medicine, Stanford, CA, USA, Harvard Clinical Research Institute, Boston, MA, USA

356 - Anticoagulation Control in Patients With Non-Valvular Atrial Fibrillation Treated With Vitamin K Antagonist Therapy for 12 Months or More in Primary Care in the UK  
Essra Ridha, Robert Donaldson, Cinira Lefevre, Sreeram Ramagopalan, Steven Lister, Aaron Jenkins, David Evans, Ian Minns, Laure Lacoïn, Bristol-Myers Squibb Pharmaceuticals Ltd, Uxbridge, United Kingdom

357 - Outcomes of Single Versus Dual Antiplatelet Therapy With Target Specific Oral Anticoagulant Agents in Patients With Atrial Fibrillation Undergoing Coronary Artery Intervention  
Saba Lahsaei, Ashul Govil, Jonathan Wong, Jamal Brewster, Anna Beyer, Richard Shaw, California Pacific Medical Center, San Francisco, CA, USA

358 - Impact of Renal Function on Ischemic Stroke and Major Bleeding Rates in Nonvalvular Atrial Fibrillation Patients Treated With Warfarin and Rivaroxaban  
Winnie Nelson, François Laliberté, Kip Brown, Patrick Lefebvre, Jeffrey Schein, Janssen Scientific Affairs, LLC, Raritan, NJ, USA, Groupe d'analyse, Ltée, Montréal, Canada

359 - Stroke and Bleeding Risk in Patients With Atrial Fibrillation With Resumption of Oral Anticoagulation Following Traumatic Injury: A Danish Nationwide Cohort Study  
Laila Staerk, Gunnar Gislason, Gregory Lip, Emil Fosbol, Caroline Sindet-Pedersen, Kasper Gadsbøll, Anders N. Bonde, Ellen Holm, Christian Torp-Pedersen, Jonas Olesen, Copenhagen University Hospital Herlev-Gentofte, Copenhagen, Denmark

360 - External Validation of the Biomarker-Based ABC-Bleeding Risk Score for Atrial Fibrillation  
Ziad Hijazi, Jonas Oldgren, Johan Lindback, John Alexander, Stuart Connolly, John Eikelboom, Michael Ezekowitz, Christopher Granger, Elaine Hylek, Renato Lopes, Agneta Siegbahn, Salim Yusuf, Lars Wallentin, Department of Medical Sciences, Cardiology, and Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

361 - What Do Real World Data Say About Safety and Resource Use of Oral Antagonists? Early Analysis of Newly Anticoagulated Non-Valvular Atrial Fibrillation Patients Using Either Apixaban, Dabigatran, Rivaroxaban or Warfarin  
Xianying Pan, Shital Kamble, Leah Burns, Hugh Kawabata, Jack Mardekian, Cristina Masseria, Kiran Gupta, Hemant Phatak, Gregory YH Lip, Bristol Myers Squibb, Princeton, NJ, USA, Pfizer, New York, NY, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1269

#### Sudden Cardiac Death Prevention in Sports and Exercise

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

362 - A Novel Pre-Participation Screening Questionnaire for Young Competitive Athletes  
James McKinney, Daniel Lithwick, Barbara Morrison, Hamed Nazzari, Michael Luong, Brett Heilbron, Jack Taunton, Saul Isserow, SportsCardiologyBC, University of British Columbia, Vancouver, Canada

363 - Automated Cardiac Arrest Detection and Alerting System Using a Smartphone and a Standard Bluetooth Chest Strap Heart Rate Monitor During Exercise: The "Parachute" App  
Nicola Gaibazzi, Claudio Reverberi, Parma University Hospital, Parma, Italy, PARACHUTE App, Parma, Italy

364 - Positive Predictive Value of ECG Screening by Seattle Criteria in Collegiate Athletes  
Sunny Intwala, Arif Jivan, Michael Milligan, Tory Lindley, Micah Eimer, Raja Mutharasan, Northwestern University, Chicago, IL, USA

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1281M

#### ICDs: Expanding Technologies but Continued Underutilization

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.  
The First Report on Communicating Leadless Anti-Tachycardia Pacemaker and Subcutaneous Implantable Defibrillator: The Next Step in Cardiac Rhythm Management  
Fleur Tjong, Tom Brouwer, Lonneke Smeding, Kirsten Kooiman, Allan Shuros, Brian Soltis, Brendan Koop, Arthur Wilde, Martin Burke, Reinoud Knops, Academic Medical Center, Amsterdam, The Netherlands

9:55 a.m.  
Question and Answer

10:00 a.m.  
Early Use of the Subcutaneous Implantable Cardioverter Defibrillator in the United States: A Report From the National Cardiovascular Data Registry  
Daniel J. Friedman, Craig Parzynski, Jephtha Curtis, Paul Varosy, Andrea Russo, Jordan Prutkin, Kristen Patton, Ali Mithani, Sana Al-Khatib, Duke University Hospital, Durham, NC, USA



10:10 a.m.  
Question and Answer

10:15 a.m.  
Low Compliance of Implantable Cardioverter-Defibrillator Use for Heart Failure With Reduced Ejection Fraction in an Underserved Population  
Yifan Lu, Ningxin Wan, The Hung Nguyen, Nidhi Madan, Ninel Hovnanians, Juan Carlos Ruiz Diaz, Luise Holzhauser, Michael Grushko, Robert Faillace, Jacobi Medical Center, Bronx, NY, USA

10:25 a.m.  
Question and Answer

ACC Poster Moderator: Carsten W. Israel  
ACC Poster Moderator: Cara Pellegrini

### Arrhythmias and Clinical EP - Scientific Session Session #738

**Electrophysiology Star Wars: What Does the Future Hold?**  
Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.  
Room S501  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Samuel Asirvatham  
Co-Chair: Debra Echt

10:45 a.m.  
What Does the Future Hold for Devices? Technology and Biologics  
Paul J. Wang

11:02 a.m.  
Question and Answer

11:07 a.m.  
What Does the Future Hold for AF Therapy? Genes and Drugs  
Eugenio Cingolani  
Los Angeles, CA

11:24 a.m.  
Question and Answer

11:29 a.m.  
What Does the Future Hold for Interventional Treatment of AF and VT?  
Douglas L. Packer  
Rochester, MN

11:46 a.m.  
Question and Answer

11:51 a.m.  
Best of Bench to Bedside From 2015: What Can the Clinician Expect in 2016?  
Peng-Sheng Chen  
Indianapolis

12:08 p.m.  
Question and Answer

**Arrhythmias and Clinical EP - International Session  
Session #523  
Pathophysiology and Management of Atrial Fibrillation:  
International Perspectives From the German Cardiac Society,  
National Heart Association of Malaysia, and American College of  
Cardiology**  
Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.  
Room N427ab  
CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Richard J. Kovacs  
Co-Chair: Gerd Heusch  
Co-Chair: Rosli Mohd Ali

12:30 p.m.  
Introduction to Session  
Richard J. Kovacs

12:35 p.m.  
Rotors and Their Involvement in Maintaining Atrial Fibrillation  
Karl-Heinz Kuck  
Hamburg, Germany

12:46 p.m.  
Can the Progression of Atrial Fibrillation Be Stopped by AF Catheter Ablation?  
Gerhard Hindricks  
Leipzig, Germany

12:57 p.m.  
Experience With LAA Occluder for Nonvalvular AF  
Razali Omar  
Kuala Lumpur, Malaysia

1:08 p.m.  
NOAC in Asia Pacific Patients for Non-Valvular AF: Are There Differences?  
Ma Soot Keng  
Kuala Lumpur, Malaysia

1:19 p.m.  
Discussion

### Arrhythmias and Clinical EP - Scientific Session Session #755

**Update on CIED Management**  
Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.  
Room S501  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Yong-Mei Cha  
Co-Chair: Melanie Maytin

12:30 p.m.  
Leadless Pacemakers: Who Is Ready for Implantation Tomorrow?  
Vivek Yerrapu Reddy

12:45 p.m.  
When and How to Do an MRI in a Patient With a CIED  
Saman Nazarian  
Baltimore, MD

1:00 p.m.  
How to Diagnose and Manage Device Infection  
Jude Clancy  
Guilford, CT



1:15 p.m.  
How Often and Who Needs Remote Follow-Up?  
Joseph Akar  
New Haven, CT

1:30 p.m.  
Can the NCDR Drive Quality Improvement in EP?  
Andrea M. Russo  
Moorestown, NJ

### Arrhythmias and Clinical EP - Moderated Poster Contributions Session #1292M

#### New Research in Atrial Fibrillation

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area,  
South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.  
Temporal Relationship Between Episodes of Atrial Fibrillation and Incident Stroke in Patients With an Implantable Cardiac Device  
Madhu Reddy, Moustapha Atoui, Rajarajeswari Swarna, Mamatha Vodapally, Maruthsakhi Molugu, Quratulain Javed, Anirudh Gone, Karthik Gangu, Ravali Neerumalla, Sudharani Bommana, Sandia Iskandar, Mohit Turagam, Madhav Lavu, Donita Atkins, Luigi Di Biase, Andrea Natale, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
Physical Activity and Major Adverse Events in Patients With Atrial Fibrillation: A Report From the EURObservational Research Programme Pilot Survey on Atrial Fibrillation (EORP-AF) General Registry  
Marco Proietti, Giuseppe Boriani, Cécile Laroche, Igor Diemberger, Mircea I. Popescu, Lars Hvilsted Rasmussen, Gianfranco Sinagra, Georghe-Andrei Dan, Aldo P. Maggioni, Luigi Tavazzi, Deirdre A. Lane, Gregory Lip, EURObservational Research Programme, Institute of Cardiovascular Sciences, University of Birmingham, Birmingham, United Kingdom, Department of Internal Medicine and Medical Specialties, Rome, Italy

12:55 p.m.  
Question and Answer

1:00 p.m.  
Role of Prophylactic Magnesium Supplementation in Prevention of Postoperative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting: A Meta-Analysis of 23 Randomized Controlled Trials  
Jalaj Garg, Rahul Chaudhary, Parasuram Krishnamoorthy, Neeraj Shah, Abhishek Sharma, Babak Bozorgnia, Lehigh Valley Health Network, Allentown, PA, USA

1:10 p.m.  
Question and Answer

1:15 p.m.  
The Impact of Atrial Fibrillation on Exercise Capacity and Mortality in Heart Failure With Preserved Ejection Fraction: Insights From Cardiopulmonary Stress Testing  
Mohamed Badreldin Elshazly, Yuping Wu, Walid Saliba, Oussama Wazni, Leslie Cho, Cleveland Clinic, Cleveland, OH, USA

1:25 p.m.  
Question and Answer

1:30 p.m.  
Apixaban Versus Warfarin for Patients With Recent Onset Atrial Fibrillation: Insights From the ARISTOTLE Trial  
Patricia Guimaraes, John Alexander, Daniel Wojdyla, Laine Thomas, Marco Alings, Greg Flaker, Sana Al-Khatib, Michael Hanna, Lars Wallentin, Christopher Granger, Renato Lopes, Duke Clinical Research Institute, Durham, NC, USA

1:40 p.m.  
Question and Answer

ACC Poster Moderator: Gaurav A. Upadhyay  
ACC Poster Moderator: Jeanne E. Poole

### Arrhythmias and Clinical EP - Scientific Session Session #766

#### Prevention of Atrial Fibrillation

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Bulent Gorenek  
Co-Chair: Prashanthan Sanders

2:00 p.m.  
Sleep Disturbances and Atrial Fibrillation  
Olaf Oldenburg

2:18 p.m.  
Goal Directed Weight Management and Atrial Fibrillation  
Jonathan M. Kalman  
Melbourne, VIC, Australia

2:36 p.m.  
Can Progression of Atrial Fibrillation Really Be Stopped?  
Jose Jalife  
Ann Arbor, MI

2:54 p.m.  
Air Pollution and It's Effect on Atrial Fibrillation?  
Wayne E. Cascio  
Chapel Hill, NC

3:12 p.m.  
Patient Advocacy: Effects on Outcomes in Atrial Fibrillation  
Mellanie True Hills  
Greenwood, TX

### Arrhythmias and Clinical EP - Scientific Session Session #781

#### Prevention of Sudden Cardiac Death in the Athlete

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alfred A. Bove  
Co-Chair: Rachel J. Lampert

3:45 p.m.  
Bethesda 2016: What's New, What's Not  
Douglas P. Zipes

3:55 p.m.  
Question and Answer

4:00 p.m.  
My Toughest Cases Over the Years



Paul D. Thompson  
Hartford, CT

4:10 p.m.  
Question and Answer

4:15 p.m.  
Evaluation of Syncope and Palpitations in Athletes  
Benjamin D. Levine  
Dallas, TX

4:25 p.m.  
Question and Answer

4:30 p.m.  
AEDs and Preparedness  
Eugene H. Chung  
Chapel Hill, NC

4:40 p.m.  
Question and Answer

4:45 p.m.  
Athletes With ICDs  
Rachel J. Lampert  
New Haven, CT

4:55 p.m.  
Question and Answer

5:00 p.m.  
Sports Cardiology Year in Review  
Richard J. Kovacs  
Indianapolis, IN

5:10 p.m.  
Question and Answer

### Arrhythmias and Clinical EP - Scientific Session

#### Session #782

#### Atrial Fibrillation Stroke Prevention in the Elderly: Current Knowledge, Gaps and Future Directions

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S502

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathan L. Halperin  
Co-Chair: Jodie L. Hurwitz  
Panelist: Michael D. Ezekowitz  
Panelist: Kristen Campbell  
Panelist: Cynthia M. Tracy  
Panelist: Jane Chen

3:45 p.m.  
Stroke Prevention in the Elderly: Warfarin, New Agents, and Appendage Occlusion  
Michael W. Rich  
Saint Louis, MO

4:00 p.m.  
Atrial Fibrillation in Patients > 75 Years of Age: To Ablate or Not to Ablate?  
T. Jared Bunch  
Murray, UT

4:15 p.m.  
Role of AVN Ablation and Pacemaker Therapy in the Elderly  
Win-Kuang Shen  
Phoenix, AZ

4:30 p.m.  
What Would You Recommend: My 82-year Old Female Patient With Persistent AF, DM, HTN, CRF (cr 2.6) Now Stabilized After Intra-Cranial Bleed While on Dabigatran: Rate vs. Rhythm Control, Drugs vs. Non-Drug, ASA vs. NOAC vs. LAA Closure?  
Hugh Calkins  
Baltimore, MD

4:45 p.m.  
Panel Discussion