Wednesday, May 9, 2018

VTVF Summit. B-VT01. Arrhythmias in Athletes and The Young Adults

Ballroom East, BCEC

10:00 AM - 12:00 PM

Chairs
Kalyanam Shivkumar, MD, PhD, FHRS. UCLA Health System, Los Angeles, CA
Christine M. Albert, MD, MPH. Brigham and Women's Hospital, CV Div and Div of Prev Medicine, Boston, MA

10:00 AM - 10:15 AM  - The Pathology of Sudden death before the age of 35 years
Cristina Basso, MD, PhD. University of Padua, Padova, Italy

10:15 AM - 10:30 AM  - Hypertrophic Cardiomyopathy
N. A. Mark Estes, MD, FHRS, CCDS. New England Medical Center, Boston, MA

10:30 AM - 10:45 AM  - ARVC
Harikrishna Tandri, MD. Johns Hopkins University, Baltimore, MD

10:45 AM - 11:00 AM  - Mitral Valve Prolapse
Michael J. Ackerman, MD, PhD. Mayo Clinic, Rochester, MN

11:00 AM - 11:15 AM  - Commotio Cordis
Mark S. Link, MD, FHRS. UTSouthwestern Medical Center, Dallas, TX

11:15 AM - 11:30 AM  - Difficult Cases: Distinguishing the Benign Athletic Heart From the Future Victim
Andre La Gerche, MBBS, PhD. Baker Heart and Diabetes Institute, Melbourne, VI, Australia

11:30 AM - 11:45 AM  - The ECG is not normal, the brother died suddenly, and someone ordered genetic testing
Elizabeth S. Kaufman, MD, FHRS. MetroHealth Medical Center, Div of Cardiology, Cleveland, OH

Mini-Course. B-MC04. Sudden Death in the Young: Over the Horizon
Room 153

10:00 AM - 12:00 PM

Chairs
Jonathan R. Kaltman, MD. National Heart, Lung, and Blood Institute, Bethesda, MD
Brynn E. Dechert, APN, FHRS, CCDS. C.S. Mott Children's Hospital, Ann Arbor, MI

10:00 AM - 10:20 AM  - TED-Style Talk. Think Globally, Act Locally: Developing a Strategy For the Sudden Death Investigation
Jonathan Robert. Skinner, MD, FHRS. Starship Hospital, Auckland, New Zealand

10:20 AM - 10:40 AM  - Sudden Death in the Young: The Answer is in the Family
Peter F.. Aziz, MD, FHRS, CEPS-P. Cleveland Clinic Foundation, Cleveland, OH

10:40 AM - 11:00 AM  - Sudden Death in The Young: The Answer is in the Clinical Testing
Shubhayan Sanatani, MD, FHRS, CCDS. Children's Heart Centre, Vancouver, BC, Canada

11:00 AM - 11:20 AM  - Sudden Death in The Young: The Answer is in the Genetics
Christopher Semsarian, MBBS, MPH, PhD, FHRS. University of Sydney, Newtown, Australia

11:20 AM - 11:40 AM  - Sudden Death in the Young: The Answer is in the Autopsy
Mary Sheppard, MD, London, United Kingdom

11:40 AM - 12:00 PM  - Sudden Death in the Young: There is no Answer. Now What?
Elijah Behr, MA, MBBS, MD. St George’s University of London, London, United Kingdom

Special Session. B-SP29. Crash Course in Syncope for Arrhythmia Experts
Room 252

10:00 AM - 12:00 PM

Chairs
David G. Benditt, MD, FHRS. Univ of Minnesota, Minneapolis, MN
Mohamed H. Hamdan, MBA, MD, FHRS. Univ of Wisconsin School of Medicine and Public Health, Madison, W

10:00 AM - 10:15 AM  - Outcomes in Vasovagal Syncope
Robert S.. Sheldon, MD, PhD, FHRS. Univ of Calgary Health Sciences Centre, Calgary, AB, Canada

10:15 AM - 10:30 AM  - Outcomes in Orthostatic Hypotension
Artur Fedorowski, MD, PhD. Lund University, Malmö, Sweden

10:30 AM - 10:45 AM  - Syncope and Driving
Win-Kuang Shen, MD, FHRS. Mayo Clinic College of Medicine, Mayo Clinic Arizona, Phoenix, AZ

10:45 AM - 11:00 AM  - Panel Discussion I: Syncope Outcomes

11:00 AM - 11:15 AM  - When Do We Pace in Reflex Syncope - If Ever
Richard Sutton, DSC, FHRS. Imperial College, Monte Carlo, Monaco

11:15 AM - 11:30 AM  - Drugs and Other Therapies in Syncope
Jean-Claude Deharo, MD. Hopital La Timone, Marseille, France
11:30 AM - 11:45 AM  - Where Do We Go From Here in Syncope?
Brian Olshansky, MD, FHRS. Univ of Iowa Hospital and Clinics, IM Dept, Cardiovascular Medicine Div, Iowa City, IA

11:45 AM - 12:00 PM  - Panel Discussion II: Syncope Management

**Mini-Course. B-MC05. Cardiac Monitors in Heart Rhythm Disorders - ILR, Smart Phones, Smart Watches and More...**

**Room 252**
1:00 PM - 1:20 PM  - How to successfully manage the data overload from Implantable Loop Recorders
Madhu Reddy, MD, FHRS. University of Kansas Health System, Overland Park, KS

1:20 PM - 1:40 PM  - Cardiac Rhythm Monitoring using Smart Phone technologies
Sunny S. Po, MD, PhD. University of Oklahoma, Heart Rhythm Institute, Oklahoma City, OK

1:40 PM - 2:00 PM  - Are external monitors still relevant in the age of ILRs and smart monitors?
Amin Al-Ahmad, MD, FHRS, CCDS. Texas Cardiac Arrhythmia Institute, Austin, TX

2:00 PM - 2:20 PM  - Apple watches, FitBits and more - New age of heart monitoring?
Nitish Badhwar, MBBS, FHRS. Univ of California, San Francisco, Burlingame, CA

2:20 PM - 2:40 PM  - Role of Implantable Loop recorders in the work up of syncope, inherited arrhythmias and atrial fibrillation
Rod S. Passman, MD, FHRS. Northwestern Memorial Hospital, Dept of Cardiology, Chicago, IL

2:40 PM - 3:00 PM  - How do you choose what kind of monitor in which situation?
Vijendra Swarup, MD, FHRS. Arizona Heart Rhythm Center, Paradise Valley, AZ

11:45 AM - 12:00 PM  - Panel Discussion II: Syncope Management

**Mini-Course. B-MC07. Sudden Cardiac Death Prevention - State of the Art**

**Room 157**
2:45 PM - 5:00 PM

1:00 PM - 1:20 PM  - Which Markers Predict Lethal Arrhythmia?
Aapo L. Aro, MD. Cedars-Sinai Medical Center, Los Angeles, CA

1:20 PM - 1:40 PM  - Effect of EF improvement on SCD Risk
硒 elucid Adabag, MD, MS. Minneapolis VA Medical Center, Minneapolis, MN

1:40 PM - 2:00 PM  - Incorporating Competing Mortality Risks into Patient Selection for ICDs
Neal A. Chatterjee, MD. Massachusetts General Hospital, Cambridge, MA

2:00 PM - 2:20 PM  - Preventing Sudden Cardiac Death in Athletes
Elot Marjion, MD. European Georges Pompidou Hospital, Paris, France

2:20 PM - 2:40 PM  - Lifestyle Modifications That Reduce Sudden Cardiac Death
Roopinder K. Sandhu, MD, MPH, FHRS. University of Alberta, Edmonton, AB, Canada

2:40 PM - 3:00 PM  - Performance and Quality Measures for Sudden Cardiac Death Prevention
Sana M. Al-Khatib, MD, FHRS, CCDS. Duke University Medical Center, Durham, NC

**VTVF Summit. B-VT03. The Expert Approach to Challenging Clinical Problems**

**Ballroom East, BCEC**
2:45 PM - 5:00 PM

4:30 PM - 5:00 PM  - Presentation Ralph Lazzara Lectureship Award
Silvia G. Priori, MD, PhD: University of Pavia & ICS Maugeri, Pavia, Italy

**Allied Professionals Forum. B-AP03.3. Multidisciplinary Care of the Arrhythmia Patient for the Advanced Practice Provider Pt. 3**

**Room 205B**
2:55 PM - 3:10 PM  - Shared Decision Making: Special Considerations in Pediatric EP and Adult Transition
Brynn E. Deichert, APN, FHRS, CCDS. C.S. Mott Children's Hospital, Ann Arbor, MI

3:10 PM - 3:30 PM  - Shared Decision Making: Advising EP Patients on Driving and Exercise
Allene M. Ferrick, PhD, ACNP, RN, FHRS. Westchester Medical Center- Electrophysiology, Larchmont, NY

3:30 PM - 3:45 PM  - Shared Decision Making: Device Conversion and Management Issues During End of Life
John M. Mandrola, MD. Louisville Cardiology, Louisville, KY
Thursday, May 10, 2018


**Room 205A**

9:00 AM - 9:15 AM  Presentation B-AB12-05 / B-AB12-06 Risk Stratification Of Patients With Brugada Syndrome: Risk Score Accuracy
Jean Baptiste Gourraud, MD, PhD, Soraya Ans, Nathalie Behar, MD, Dominique Babuty, MD, PhD, Jacques Mansourati, MD, Beatrice Guyomar’ch, MAsc

**Abstract. B-AB20. Pediatric and Congenital Electrophysiology Potpourri**

**Room 205B**

8:00 AM - 9:30 AM  Presentation B-AB20-02 / B-AB20-02 International Triadin Knockout Syndrome (TKOS) Registry: The Clinical Phenotype And Treatment Outcomes Of Patients With TKOS
Daniel John. Clements, BS, David Tester, BS, Seshadri Balaji, MBBS, PhD; Carlo Napolitano, MD, PhD, Silvia G. Priori, MD, PhD, VINCENT PROBST, MD, Martin Daniel Hofma, MD, PhD

8:30 AM - 8:45 AM  Presentation B-AB20-03 / B-AB20-03 Parental Post Traumatic Stress Disorder In Pediatric ICD Patients
Lauren M. Schneider, PsyD, Korey K. Hood, PhD, Spenser Y. Chen, BS, Sara S. Motonaga, MD, Richard J. Shaw, MD, Debra Hanisch, NP, Scott R. Ceresnak, MD

**Abstract. B-AB07. Risk Stratification and Patient Selection for Device Therapy in Cardiomyopathy**

**Room 259**

8:00 AM - 8:15 AM  Presentation B-AB07-01 / B-AB07-01 Arhythmic Course Of Arrhythmogenic Right Ventricular Cardiomyopathy Patients Without Implantable Defibrillators
WeiJia Wang, MD, MPH, Julia Cadrin Tourigny, MD, Aditya Bhonsale, MD, Crystal Tichnell, MGC, Brittney A. Murray, MS, Cynthia A. James, MS, PhD, Harold Mintz, MD

**Moderated Poster. B-MP01. Best in Show Case Reports**

**Epicenter**

9:30 AM - 10:30 AM  Presentation B-MP01-01 / B-MP01-01 Uncommon Phenotype of Catecholaminergic Polymorphic Ventricular Tachycardia Presenting With Prominent U-Tommy Dharmawan, MD; Tadashi Nakaima, MD; PhD; Seiko Ohno, MD; PhD; Shuihara Yamura, MD; Takashi Suzuki, MD; Yosaido Kitaie, MD; PhD; Yosh

9:30 AM - 9:40 AM  Presentation B-MP01-02 / B-MP01-02 Uncommon Phenotype of Catecholaminergic Polymorphic Ventricular Tachycardia Presenting With Prominent U-Tommy Dharmawan, MD; Tadashi Nakaima, MD; PhD; Seiko Ohno, MD; PhD; Shuihara Yamura, MD; Takashi Suzuki, MD; Yosaido Kitaie, MD; PhD; Yosh

**Case Based Tutorial. B-009. How I Manage My Most Difficult Primary Electrical Disease Cases**

**Room 157**

10:30 AM - 12:00 PM  - My most challenging CPVT patient: how to prevent frequent arrhythmias
Christopher Sensarian, MBBS, MPH, PhD, FHRS. University of Sydney, Newtown, Australia

10:50 AM - 11:10 AM  - I suspect that my patient suffers from early re-polarization syndrome - what are the next steps?
Laurent Roten, MD. Inselspital Bern University Hospital, Bern, Switzerland

11:10 AM - 11:30 AM  - My most difficult patient with suspected Brugada syndrome
Silvia G. Priori, MD, PhD. University of Pavia & ICS Maugeri, Pavia, Italy

11:30 AM - 11:50 AM  - Advising a family with LQTI syndrome: ICD - for whom?
Arthur A. M. Wilde, MD, PhD. Univ of Amsterdam - Academic Medical Center, Amsterdam, Netherlands


**Room 160**

10:30 AM - 12:00 PM  - Environmental and behavioral factors affecting disease progression: state-of-the-field
Cynthia A. James, MS, PhD. Johns Hopkins University, Baltimore, MD

10:50 AM - 11:10 AM  - Why is exercise a deleterious factor in AC progression? Toward molecular mechanisms
Marina Cerrone, MD. NYU School of Medicine, New York, NY

11:10 AM - 11:30 AM  - Inflammation and AC
Jeffrey E. Saffitz, MD, PhD. Beth Israel Deaconess Medical Center, Dept of Pathology, Boston, MA

11:30 AM - 11:50 AM  - Gender as a potential risk factor in AC: Clinical and molecular evidence
Furat Duru, MD, Univ Hospital Zurich, Zürich, Switzerland

10:30 AM - 12:00 PM  - Translator
Jeffrey E. Saffitz, MD, PhD. Beth Israel Deaconess Medical Center, Dept of Pathology, Boston, MA

**Core Curriculum. B-003. Special Considerations in Pediatric and Adult Congenital Electrophysiology**

**Room 210C**

10:30 AM - 12:00 PM  - Establishing Partnerships Between Adult and Pediatric Electrophysiology
Christine C. Chi-Mau, MS, RCS, FHR, CEPS, CCDS. Hospital for Sick Children, Dept of Cardiology, Toronto, ON, Canada
Melissa Olen, MSN. Nicklaus Children's Hospital, Miami, FL
10:50 AM - 11:20 AM - Inherited Arrhythmia Syndromes: Transitions to Adult Care
Vicki L. Zeigler, PhD, FHRS, CEPS, CCDS. Texas Woman's Univ, Argyle, TX

11:20 AM - 11:50 AM - Psychosocial aspects of care transitions
Brynn E. Dechert, APN, FHRS, CCDS. C.S. Mott Children's Hospital, Ann Arbor, MI

11:50 AM - 12:00 PM - Q&A

Special Session. B-SP11. History Session: Paul Gillette's Legacy in Pediatric and Congenital Electrophysiology
Room 205B
10:30 AM - 12:00 PM
Chairs
George F. Van Hare, MD, FHRS, CCDS, CEPS-P. Washington University School of Medicine, St. Louis Children's Hospital, Saint Louis, MO
Vicki L. Zeigler, PhD, FHRS, CEPS, CCDS. Texas Woman's Univ, Argyle, TX

10:30 AM - 10:40 AM - Introduction: PCG and HRS
George F. Van Hare, MD, FHRS, CCDS, CEPS-P. Washington University School of Medicine, St. Louis Children's Hospital, Saint Louis, MO

10:40 AM - 10:55 AM - Eyewitness to history: Paul Gillette in Houston, Ground Zero
Vicki L. Zeigler, PhD, FHRS, CEPS, CCDS. Texas Woman's Univ, Argyle, TX

10:55 AM - 11:10 AM - Paul Gillette's Contributions to Clinical Electrophysiology
John D. Kugler, MD. UNMC/CU Children's Hospital, Joint Div of Pediatric Cardiology, Omaha, NE

11:10 AM - 11:25 AM - Paul Gillette's Contributions to Device Therapy in Children
Richard A. Friedman, MBA, MD, FHRS, CCDS. Steven & Alexandra Cohen Children's Medical Center of New York Northshore LIJ He, New York, NY

11:25 AM - 11:40 AM - Paul Gillette's Contributions to Pediatric EP Training
Seshadri Balaji, MBBS, PhD. Oregon Health and Science University, Portland, OR

11:40 AM - 12:00 PM - Panel Discussion

Special Session. B-SP17. Cardiac Genetic Testing: Maximizing Value and Minimizing Harms
Room 109
1:30 PM - 3:00 PM
Chairs
Michael J. Ackerman, MD, PhD. Mayo Clinic, Rochester, MN
Christopher Sensheimer, MBBS, MPH, PhD, FHRS. University of Sydney, Newtown, Australia

1:30 PM - 1:50 PM - Current state of cardiac genetic testing in the clinic
Melissa A. Kelly, MS. Partners HealthCare Personalized Medicine, Cambridge, MA

1:50 PM - 2:10 PM - Being aware of the potential for harm
Jodie Ingles, MPH, PhD. University of Sydney, Sydney, NS, Australia

2:10 PM - 2:30 PM - The value of an experienced cardiac genetic counselor
Brittney A. Murray, MS. Johns Hopkins Hospital/Division of Cardiology, Baltimore, MD

2:30 PM - 2:50 PM - Effective communication with the family
Charlotte E. Burns, MPH. Centenary Institute, Newtown, Australia

11:40 AM - 12:00 PM - Panel Discussion

Case Based Tutorial. B-036. A Double Hit Hurts More
Room 204
1:30 PM - 3:00 PM
Chairs
Jeffrey M. Vinocur, MD, CEPS-P. University of Rochester, Fairport, NY
Arthur A. M. Wilde, MD, PhD. Univ of Amsterdam - Academic Medical Center, Amsterdam, Netherlands

1:30 PM - 1:45 PM - ARVC and Myocarditis
M. Cecilia Gonzalez, CEPS-P. Cliniques Universitaires ST Luc, Brussels, Belgium

2:00 PM - 2:15 PM - The Heterozygote Channelopathy Patient: How and When to Test for This and Unique Management Strategies
Gregory Webster, MD, MPH, CCDS. Lurie Children's Hospital, Chicago, IL

2:15 PM - 2:30 PM - QTQ and Coexisting Congenital Heart Disease
James C. Perry, MD, FHRS, CEPS-P. UCSD/Rady Children's Hospital, Pediatric Cardiology, San Diego, CA

2:30 PM - 2:45 PM - More than a Double: The Triple Threat, ACHD, Heart Failure, and Arrhythmia. Defining the Perfect Management Plan
Steven J. Compton, MD, FHRS. Alaska Heart Institute LLC, Anchorage, AK

2:45 PM - 3:00 PM - Recognizing and Combating Depression in ICD Patients
Samuel Sears, PhD. East Carolina University, Greenville, NC

Case Based Tutorial. B-031. How I Manage Athletes With Arrhythmias: Case Studies That Illustrate Critical Management Issues
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<tr>
<th>Room 157</th>
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<tr>
<td><strong>Chair</strong></td>
<td>Allen J. Solomon, MD. George Washington Univ Med Center, Div of Cardiology, Washington, DC</td>
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<tr>
<td><strong>1:30 PM - 1:50 PM</strong></td>
<td>- Case studies that illustrate my approach to pre-participation screening of competitive athletes&lt;br&gt;L Lee Eckhardt, MD, FHRs. University of Wisconsin, School of Medicine and Public Health, Madison, WI</td>
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<td><strong>1:50 PM - 2:10 PM</strong></td>
<td>- Case studies of safety considerations in athletes with ICDs&lt;br&gt;Rachel J. Lampert, MD, FHRs. Yale Univ School of Medicine, Cardiology Dept, Branford, CT</td>
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<td><strong>2:10 PM - 2:30 PM</strong></td>
<td>- Cases That Illustrate How I Decide Which Athletes with Arrhythmias Can Participate&lt;br&gt;Michael G. Link. Pinnacle Health Cardiovascular Institute, Wormleysburg, PA</td>
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<td><strong>2:30 PM - 2:50 PM</strong></td>
<td>- Cases that illustrate how I decide which athletes with congenital heart disease can compete&lt;br&gt;George F.. Van Hare, MD, FHRs, CCDS, CEPS-P. Washington University School of Medicine, St. Louis Children’s Hospital, Saint Louis, MO</td>
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**Core Curriculum. B-032. Effective Management of Cardiovascular Autonomic Disorders**

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<th>Room 156</th>
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<tr>
<td><strong>Chairs</strong></td>
<td>Marco A. Mercader, MD, FHRs. George Washington University, Washington, DC&lt;br&gt;Elizabeth S. Kaufman, MD, FHRs. MetroHealth Medical Center, Div of Cardiology, Cleveland, Oh</td>
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<td><strong>1:30 PM - 1:48 PM</strong></td>
<td>- TED Talk: How I Make Sense of Cardiovascular ANS Disorders&lt;br&gt;Shubhayan Sanatani, MD, FHRs, CCDS. Children’s Heart Centre, Vancouver, BC, Canada</td>
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<td><strong>1:48 PM - 2:06 PM</strong></td>
<td>- Disorders of the Autonomic Nervous System Associated With Orthostatic Intolerance: An Overview of Classification&lt;br&gt;Artur Fedorowski, MD, PhD. Lund University, Malmö, Sweden</td>
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<td><strong>2:06 PM - 2:24 PM</strong></td>
<td>- POTS and IST: Differentiation and Management&lt;br&gt;Cara Pellegrini, MD. San Francisco VAMC, San Francisco, CA</td>
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<td><strong>2:24 PM - 2:42 PM</strong></td>
<td>- Mast Cell Disorders: Diagnosis and Management&lt;br&gt;Cyndya Shibab. Vanderbilt University Medical Center, Nashville, TN</td>
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**How-To. B-025. How to Study Exercise-Induced Arrhythmias in Mouse Models of Human Disease**

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<th>Room 160</th>
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<td><strong>Chairs</strong></td>
<td>Anthony Rosenzweig, MD. Beth Israel Deaconess Medical - Div of Cardiology, Boston, MA&lt;br&gt;Daniel P. Judge, MD. Medical University of South Carolina, Charleston, SC</td>
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<tr>
<td><strong>1:30 PM - 1:52 PM</strong></td>
<td>- Principles and pitfalls in using mouse models to study cardiac exercise physiology&lt;br&gt;Anthony Rosenzweig, MD. Beth Israel Deaconess Medical - Div of Cardiology, Boston, MA</td>
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<td><strong>2:14 PM - 2:36 PM</strong></td>
<td>- Mouse Models of Arrhythmogenic Disease&lt;br&gt;Daniel P. Judge, MD. Medical University of South Carolina, Charleston, SC</td>
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<td><strong>2:36 PM - 2:58 PM</strong></td>
<td>- Measuring exercise-induced myocardial dysfunction in mouse models&lt;br&gt;Stephen P.. Chelko, BS, PhD. Johns Hopkins School of Medicine, Baltimore, MD</td>
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**Core Curriculum. B-055. Biochem 101: A Must For Your Major**

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<th>Room 2058</th>
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<tr>
<td><strong>Chair</strong></td>
<td>Andras Bratinca, MD., Honolulu, HI&lt;br&gt;Johan M. Bos, MD, PhD. Mayo Clinic, Rochester, MN</td>
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<td><strong>4:30 PM - 4:50 PM</strong></td>
<td>- Biomarkers for the Electrophysiologist&lt;br&gt;Robert M. Hamilton, MD. The Hospital for Sick Children, Toronto, ON, Canada</td>
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<td><strong>4:50 PM - 5:10 PM</strong></td>
<td>- Calcium Signaling and Arrhythmias&lt;br&gt;Prince J. Kannankeril, MD, MS, FHRs, CEPS-P. Vanderbilt Children's Hospital, Div of Pediatric Cardiology, Nashville, TN</td>
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<td><strong>5:30 PM - 5:50 PM</strong></td>
<td>- Stem Cells, Electrophysiology and the Joy of Personalized Medicine&lt;br&gt;Marin Tristani-Firouzi, MD. University of Utah, Pediatric Cardiology, Salt Lake City, UT</td>
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<th>Room 107</th>
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<tr>
<td><strong>Chairs</strong></td>
<td>Sami Viskin, MD. Tel Aviv Medical Center, Tel Aviv, Israel&lt;br&gt;Susan P.. Etheridge, MD, FHRs, CEPS-P. Univ of Utah, Dept Pediatric Cardiology, Salt Lake City, UT</td>
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<td><strong>4:30 PM - 4:50 PM</strong></td>
<td>- CPVT Therapy: Cures on the Horizon?&lt;br&gt;Silvia G. Priori, MD, PhD. University of Pavia &amp; ICS Maugeri, Pavia, Italy</td>
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<td><strong>4:50 PM - 5:10 PM</strong></td>
<td>- Personalized Medicine for SADS Patients&lt;br&gt;Marin Tristani-Firouzi, MD. University of Utah, Pediatric Cardiology, Salt Lake City, UT</td>
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Friday, May 11, 2018

Abstract Plus. B-AB27. What Have We Learned From the Real World Data on Subcutaneous ICDs?
Room 254
8:00 AM - 9:30 AM
Presentation B-AB27-03 / B-AB27-03 First Clinical Evaluation Of Subcutaneous Implantable Cardiac Deﬁbrillator In Brugada Patient:
Vincent Probst, Gael Clerici, Dominique Babuty, Nicolas Badenico, Marquie Christelle, Antoine Leenhardt, MD, Philippe Maury, Hugues Blangy, MD, Jean-

Debate. B-068. Vigorous Exercise is Unsafe for Patients With ARVC
Room 156
10:30 AM - 11:15 AM
Chair
David S. Cannom, MD, FHRs. Cedars-Sinai Medical Care Foundation, Los Angeles, CA
10:30 AM - 10:45 AM
- Protagonist: Vigorous Exercise is Unsafe for Patients with ARVC
Hugh Calkins, MD, FHRs, CCDS. Johns Hopkins Hospital, Baltimore, MD
10:45 AM - 11:00 AM
- Antagonist: Vigorous Exercise is Unsafe for Patients with ARVC
Dominic J. Abrams, MBBS, MD. Children's Hospital Boston, Boston, MA
11:00 AM - 11:05 AM
- Rebuttal
Hugh Calkins, MD, FHRs, CCDS. Johns Hopkins Hospital, Baltimore, MD
11:05 AM - 11:10 AM
- Rebuttal
Dominic J. Abrams, MBBS, MD. Children's Hospital Boston, Boston, MA

Debate. B-071. SUBQ ICD - Great Technology That Is Here to Stay
Room 205B
10:30 AM - 11:15 AM
10:30 AM - 11:15 AM
Chair
Anthony C. McCanta, MD, FHRs, CEPS-P. Children's Hospital of Orange County, Orange, CA
10:30 AM - 10:45 AM
- Protagonist
Karen McLeod, MD. Royal Hospital for Children Glasgow, Glasgow, United Kingdom
10:45 AM - 11:00 AM
- Antagonist
Jan Till, MD. Royal Brompton Hospital, London, United Kingdom
11:00 AM - 11:05 AM
- Rebuttal
Karen McLeod, MD. Royal Hospital for Children Glasgow, Glasgow, United Kingdom
11:05 AM - 11:10 AM
- Rebuttal
Jan Till, MD. Royal Brompton Hospital, London, United Kingdom

Special Session. B-SP30. HeartRhythm Journal Presents - Basic Mechanisms of Cardiac Arrhythmias
Room 204
12:15 PM - 1:15 PM
Chair
Arthur A. M. Wilde, MD, PhD. Univ of Amsterdam - Academic Medical Center, Amsterdam, Netherlands
12:15 PM - 12:30 PM
- MicroRNA-135a regulates sodium-calcium exchanger gene expression and cardiac electrical activity
Stanley Nattel, MD, FHRs. Montreal Heart Institute, Montreal, QC, Canada
12:30 PM - 12:45 PM
- A type 2 Ryadone Receptor Variant Associated with Reduced Ca2+ Release and Short-coupled Torsades de Pointes Ventricular Arrhythmias
Minoru Horie, MD, PhD. Shiga University of Medical Sciences, Ohtsu, Japan
12:45 PM - 1:00 PM
- Effects of Renal Sympathetic Denervation on The Stellate Ganglion and Brain Stem in Dog:
Wei Chung Tsai, MS. Kaohsiung Medical University, Dublin, OH

Core Curriculum. B-095. Learning and Sharing: Pediatric Electrophysiology Across the Pond and Across Borders
Room 205B
1:30 PM - 3:00 PM
Chair
Susan P. Etheridge, MD, FHRs, CEPS-P. Univ of Utah, Dept Pediatric Cardiology, Salt Lake City, UT
1:30 PM - 1:48 PM
- TED Style Talk - Survive to Thrive: The Role of Sports and an Active Lifestyle
Robert M. Campbell, MD, FHRs. Sibey Heart Center Cardiology, Atlanta, GA
1:48 PM - 2:06 PM
- Mind the Gap: Sharing Effective Quality Practices Across Continents
Stephen P. Seslar, MD, PhD, CCDS. Seattle Children’s Hospital, Seattle, WA
2:06 PM - 2:24 PM  - Is POTS a Worldwide Problem
Fabrizio Drago. Bambino Gesù Children’s Hospital, Rome, RM, Italy

2:24 PM - 2:42 PM  - Next Generation of Catheter Ablation: Sharing a European Approach
Thomas Paul, MD, FHRs. Georg-August-Univ Medical Univ Hospital, Pediatric Cardiology, Gottingen, Germany

2:42 PM - 3:00 PM  - Pacemaker and ICD Leads and Devices: We Get Them First. What Can I Share?
Jan Janousek, MD, PhD. Kardiocentrum and Cardiovascular Research Center, Klinik fur Kinderkardiologie, Prague, Czech Republic

**Special Session. B-SP32. Insights From Precision Autopsies: How Postmortem Genetic Testing Can Help Serve Patients With a Family History**
Room 109

1:30 PM - 1:50 PM  - Postmortem Diagnostic Testing in the Clinical Setting
Lisa Delefléve-Castillo, MS. Northwestern University, Chicago, IL

1:50 PM - 2:10 PM  - Facilitating Communication and Creating Networks Between the Postmortem Community and Local Hospitals
Nori Williams, MS, CGC. NYC OCME, New York, NY

2:10 PM - 2:30 PM  - A Medical Examiner’s Perspective
Jennifer L. Hammers, DO. Cyril H. Wecht & Pathology Associates, Pittsburgh, PA

2:30 PM - 2:50 PM  - How the Sudden Death in the Young Registry is Impacting Practice and Defining Future Directions
Heather M. Macleod, MS. N/A, Elmhurst, IL

**Core Curriculum. B-100. Evaluation of Sudden Cardiac Death Risk**
Room 210A

4:30 PM - 6:00 PM  - ECG screening for sudden cardiac death
Brynn E. Dechert, APN, FHRs, CCDS. C.S. Mott Children’s Hospital, Ann Arbor, MI

5:00 PM - 5:30 PM  - Genetic Testing for sudden cardiac death
Brittney A. Murray, MS. Johns Hopkins Hospital/Division of Cardiology, Baltimore, MD

5:30 PM - 6:00 PM  - Treatment of patients at risk for sudden cardiac death
Erika S. Zado, PAC, FHRs. Hospital of the Univ of Pennsylvania, EP, Philadelphia, PA

**Master Class. B-115. Oh Captain, My Captain**
Room 253

4:30 PM - 6:00 PM  - Master
Edward P. Walsh, MD, CEPS-P, CCDS. Boston Children’s Hospital, Boston, MA

4:40 PM - 5:10 PM  - Case Presenter
Robert H. Pass, MD. Children’s Hospital at Montefiore, New York, NY

5:20 PM - 5:50 PM  - Case Presenter
James G. Morwood, MBBS. Queensland Paediatric Cardiac Service, Bridgeman Downs, QL, Australia

**Complication Theatre. B-110. Preventing Sudden Death and Latrogenic Complications in Patients With Inherited Arrhythmia Syndromes**
Room 156

4:30 PM - 6:00 PM  - How to Tailor Drug Treatment to Minimize ICD Shocks in CPVT Patients
Peter J. Schwartz, MD. Center for Cardiac Arrhythmias of Genetic Origin, Milan, Italy

5:10 PM - 5:30 PM  - Do We Over Treat Patients With the Brugada ECG Pattern?
Wataru Shimizu, MD. Department of Cardiovascular Medicine, Nippon Medical School, Tokyo, Japan

5:30 PM - 6:00 PM  - Preventing Sudden Death and Avoiding ICD Complications in ARVC Patients
N. A. Mark Estes, MD, FHRs, CCDS. New England Medical Center, Boston, MA

**Joint Session. B-116. Diagnostic Challenges and Risk Stratification in Arrhythmogenic Cardiomyopathy**
Room 160

4:30 PM - 6:00 PM  -

Room 210C  4:30 PM - 6:00 PM

Chairs  ROBERTO KEEGAN, MD. Hospital Privado Del Sur & Hospital Español - Bahia Blanca, BAHIA BLANCA, Argentina
  Carlos A. Morillo, MD, FHRS. Libin Cardiovascular Institute of Alberta, University of Calgary, Calgary, AB, Canada

4:30 PM - 4:50 PM  - Right Ventricular Arrhythmogenic Displa
  Fermin C. Garcia, MD. Hospital of the University of Pennsylvania, Philadelphia, PA

4:50 PM - 5:10 PM  - Brugada Syndrome
  Josep Brugada Terradellas, PhD. Hospital Clinic-University of Barcelona, Barcelona, Spain

5:10 PM - 5:30 PM  - Chagas' Disease
  Luis C. Saenz Morales, MD. Cardioblast Foundation, Cardiac Institute, Bogota, Colombia

5:30 PM - 5:50 PM  - Idiopathic VF
  Andrea Natale, MD, FHRS. Texas Cardiac Arrhythmia Institute at St. David’s Medical Center, Austin, TX

Saturday, May. 12, 2018

Rapid Fire Cases. B-127. Rapid Fire Pediatric and Adult Congenital Cases

Room 257  8:00 AM - 9:30 AM

Chair  Ronald J. Kanter, MD, FHRS, CEPS-P. Nicklaus Children’s Hospital, Coral Gables, FL

8:00 AM - 8:05 AM  - Untangling This Aborted Sudden Death Case
  Carolina A. Escudero, MD, MS. University of Alberta, Edmonton, AB, Canada

8:05 AM - 8:15 AM  - Panel Discussion Q & A

8:15 AM - 8:20 AM  - My Approach To This Complex Device Patient
  Douglas Y. Mah, MD. Children’s Hospital Boston, Cardiology, Boston, MA

8:20 AM - 8:30 AM  - Panel Discussion Q & A

8:30 AM - 8:35 AM  - My Nontraditional Approach to This Ablation Case
  Joseph Atallah, MD, CMD. University of Alberta, Edmonton, AB, Canada

8:35 AM - 8:45 AM  - Panel Discussion Q & A

8:45 AM - 8:50 AM  - My Sixth Sense Said This Syncope Was Not Benign
  Lindsey Malloy-Walton, DO, MPH. Children’s Mercy Hospital and Clinic, Kansas City, MO

8:50 AM - 9:00 AM  - Panel Discussion Q & A

9:00 AM - 9:05 AM  - WTF (Weird, Troublesome, Fascinating) ECG That Bugs Me Still
  Jack C. Salerno, MD, FHRS, CCDS. Seattle Children’s Hospital, Seattle, WA

9:05 AM - 9:15 AM  - Panel Discussion Q & A

9:15 AM - 9:20 AM  - Wow, That Case Was Greek To Me
  Frank A. Fish, MD, CEPS-P. Vanderbilt Univ Medical Centerl - Div of Pediatric Cardiology, Nashville, TN

9:20 AM - 9:30 AM  - Panel Discussion Q & A

Panelists
  Renn E. Tanel, MD, FHRS, CEPS-P. UCSF Benioff Children’s Hospital; Pediatric Cardiology, San Francisco, CA
  Michael T. Bowes, MBChB, MRCPCH, CEPS-P. Alder Hey Children’s Hospital, Liverpool, United Kingdom
  Andrew M.. Davis, MBBS, MD, FHRS, CEPS-P. Royal Children’s Hospital, Dept of Cardiology, Victoria, Australia

Rapid Fire Cases. B-135. Nightmare Syncope Cases

Room 162  10:30 AM - 12:00 PM

Chair  David G.. Benditt, MD, FHRS. Univ of Minnesota, Minneapolis, MN

10:30 AM - 10:35 AM  - Genotype Positive First Degree Relative of An LQTS Proband With Syncope And Normal QT
  Elizabeth S. Kaufman, MD, FHRS. MetroHealth Medical Center, Div of Cardiology, Cleveland, OH

10:35 AM - 10:45 AM  - Panel Discussion Q & A
10:45 AM - 10:50 AM  - 17 Year Old Competitive Athlete With Exertional Syncope  
Jennifer N. Avari, MD, FHRS, CEPS-P. Washington University School of Medicine, Pediatrics, Saint Louis, MO

10:50 AM - 11:00 AM  - Panel Discussion Q & A

11:00 AM - 11:05 AM  - 21 Year Old Woman With Malignant Vagal Spells And Transient Brugada ECG Pattern  
Roger Fan, MD, FHRS. Stony Brook University, EP, Stony Brook, NY

11:05 AM - 11:15 AM  - 55 Year Old Woman With Refractory Autonomic Dysfunction After Chemotherapy For Breast Cancer  
Suzanne A. Feigofsky, MD, FHRS. Iowa Heart Center, Carroll, IA

11:15 AM - 11:20 AM  - Panel Discussion Q & A

11:20 AM - 11:30 AM  - Patient With Known Epilepsy And New Syncopeal Events  
Marco A. Mercader, MD, FHRS. George Washington University, Washington, DC

11:35 AM - 11:45 AM  - 17 Year Old Patient With HCM, Moderate Hypertrophy, And Syncope That Sounds Vagal  
Matthew R. Williams, MD, CEPS-P. RCHSD - Pediatric Cardiology, San Diego, CA

11:45 AM - 11:50 AM  - Panel Discussion Q & A

11:50 AM - 12:00 PM  - Panelist  
Richard Sutton, DSC, FHRS. Imperial College, Monte Carlo, Monaco

10:30 AM - 12:00 PM  - Invited Speaker  
Elizabeth D. Sherwin, MD, FHRS, CEPS-P. Children's National Health System, Washington, DC

10:30 AM - 12:00 PM  - Panelist  
Brian Olschansky, MD, FHRS. Univ of Iowa Hospital and Clinics, IM Dept, Cardiovascular Medicine Div, Iowa City, IA

**Case Based Tutorial. B-136. Preventing Sudden Cardiac Death in Special Heart Failure Populations**

**Room 153**

11:46 AM - 12:00 PM  - Presentation ArrhythmogenicRight Ventricular Cardiomyopathy  
Frank L. Marcus, MD. Univ of Arizona-Health Sciences Center, Sarver Heart Center, Tucson, AZ

**Core Curriculum. B-130. ICD Therapy in 2018**

**Room 253**

11:30 AM - 11:45 AM  - Presentation New risk markers in Brugada syndrome  
Josep Brugada Terradellas, PhD. Hospital Clinic-University of Barcelona, Barcelona, Spain