4th Annual Brown Arrhythmia Symposium

Clinical Controversies: Sudden Cardiac Death Risk Assessment and Genetic Testing in Athletes and the Young, Management of Cardiac Arrhythmias During Pregnancy, Advances in Cardiac Arrhythmia Management of Atrial Fibrillation and Ventricular Arrhythmias

Friday, April 7, 2017
The Omni Providence Hotel | Providence, RI

Jointly Provided By

Co-Sponsored By
**4th Annual Brown Arrhythmia Symposium: Clinical Controversies**

**Program Description**
Attendees of the symposium will gain an understanding of novel molecular diagnostics for risk stratification of sudden cardiac death, diagnostic and treatment protocols for special populations of patients including athletes and pregnant patients as well as new therapies in cardiac ablation, surgical intervention, and cardiac device management for patients with congestive heart failure, atrial fibrillation and ventricular tachycardia.

**Target Audience**
Physicians, Physician Assistants, Nurse Practitioners, Pharmacists, Nurses, Residents and Fellows specializing in Anesthesiology, Cardiac Surgery, Cardiology, Electrophysiology, Emergency Medicine, Family Medicine, OB/GYN, Critical Care Medicine, Internal Medicine and Primary Care.

**Learning Objectives**
*At the conclusion of this activity, participants should be able to:*
- Identify novel strategies for risk stratification of sudden cardiac death in a diverse patient population to include athletes, the young and pregnancy
- Identify new therapies for prevention of thromboembolic stroke in patients with atrial fibrillation
- Discuss new cardiac device technologies available for prevention of sudden cardiac death and treatment of congestive heart failure

**Friday, April 7, 2017**

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<tr>
<th>Time</th>
<th>Event</th>
<th>Concurrent Breakout Sessions</th>
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<tr>
<td>7:00–7:50 AM</td>
<td>Registration, Breakfast, and Exhibits</td>
<td>I. Cardiac MRI for Arrhythmias</td>
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<td>Michael K. Atalay, MD</td>
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<tr>
<td>7:50–8:00</td>
<td>Welcome and Introduction</td>
<td>I. Cardiac MRI for Arrhythmias</td>
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<td>Antony Chu, MD</td>
<td>Michael K. Atalay, MD</td>
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<td>8:00–8:30</td>
<td>Predicting Sudden Cardiac Death</td>
<td>II. Wearable ICDs: LIFEVEST/SQ-ICD</td>
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<td>Samuel C. Dudley, Jr., MD, PhD</td>
<td>David M. Donaldson, MD</td>
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<td>8:30–9:00</td>
<td>Management of Cardiac Arrhythmias in Pregnancy</td>
<td>I. Atrial Fibrillation versus Ablation</td>
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<td>Antony Chu, MD</td>
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<td>9:00–9:30</td>
<td>Dysautonomias and Cardiac Arrhythmia Management</td>
<td>II. Pacemaker ECG Interpretation Basics</td>
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<td>Nikhil C. Panda MD</td>
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<tr>
<td>9:30–10:00</td>
<td>Break and Visit Exhibits</td>
<td>I. Surgical Treatment of Arrhythmias</td>
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<td>Afshin Ehsan, MD</td>
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<td>10:00–10:45</td>
<td>Sudden Cardiac Death Risk in Young Athletes</td>
<td>II. Quadripolar/LV pacing CRT for CHF</td>
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<td>Paul D. Thompson MD</td>
<td>Malcolm M. Kirk, MD</td>
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<td>Marina Cerrone, MD</td>
<td>Joseph D. Sweeney, MD</td>
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<td>11:30–12:00 PM</td>
<td>Panel Discussion—Clinical Cases</td>
<td>Minimally Invasive Non-Pharmacologic Treatment for Stroke Prevention</td>
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<td>Sudden Cardiac Death in the Young</td>
<td>Antony Chu, MD</td>
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<td>Marina Cerrone MD</td>
<td>Closing Remarks</td>
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<td></td>
<td>Antony Chu, MD</td>
<td>Adjourn—Reception</td>
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<td>Paul D. Thompson MD</td>
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<td>12:00–1:00</td>
<td>Lunch and Visit Exhibits</td>
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4th Annual Brown Arrhythmia Symposium: Clinical Controversies

Course Director

Antony Chu, MD, FACC, FHRS, FAHA, FACP
Assistant Professor of Medicine | Warren Alpert Medical School of Brown University
Director, Complex Ablation—Arrhythmia Services Section
Division of Cardiology | Lifespan Cardiovascular Institute
Rhode Island Hospital & The Miriam Hospital | Providence, RI

Keynote Speakers

Paul D. Thompson MD
Physician-in-Chief
Cardiology and The Athletes’ Heart Program
Hartford Hospital
Co-Physician-in-Chief
Hartford Healthcare Heart and Vascular Institute
Hartford, CT

Marina Cerrone MD
Research Assistant Professor, Department of Medicine
NYU School of Medicine
Co-Director, Inherited Arrhythmias Clinic
Cardiovascular Genetics Program
NYU Langone Medical Center
New York, NY

Faculty

Michael K. Atalay, MD, PhD
Associate Professor of Diagnostic Imaging & Medicine | Warren Alpert Medical School of Brown University
Director, Imaging Research | Director, Cardiac MRI & CT | Rhode Island Hospital | Providence, RI

David M. Donaldson, MD, FACC
Clinical Assistant Professor of Medicine
Warren Alpert Medical School of Brown University | Clinical Cardiac Electrophysiologist
Cardiovascular Institute of New England
Attending Cardiac Electrophysiologist | Rhode Island Hospital & The Miriam Hospital | Providence, RI

Samuel C. Dudley, Jr., MD, PhD
Ruth and Paul Levinger Professor of Cardiology | Professor of Medicine
Warren Alpert Medical School of Brown University
Chief of Cardiology | Rhode Island Hospital & The Miriam Hospital | Providence, RI

Afshin Ehsan, MD
Associate Professor of Surgery (Clinical) (Cardiothoracic Surgery) | Warren Alpert Medical School of Brown University
Director, Minimally Invasive Cardiac Surgery | Lifespan Cardiovascular Institute
Rhode Island Hospital & The Miriam Hospital | Providence, RI

Malcolm M. Kirk, MD
Clinical Assistant Professor of Medicine | Warren Alpert Medical School of Brown University
Clinical Cardiac Electrophysiologist | Cardiovascular Institute of New England
Attending Cardiac Electrophysiologist | Rhode Island Hospital & The Miriam Hospital | Providence, RI

Nikhil C. Panda, MD
Assistant Professor of Medicine | Warren Alpert Medical School of Brown University
Clinical Cardiac Electrophysiologist | Division of Cardiology
Lifespan Cardiovascular Institute | Rhode Island Hospital & The Miriam Hospital | Providence, RI

Joseph D. Sweeney, MD, FACP, FRCPath
Professor of Pathology and Laboratory Medicine | Warren Alpert Medical School of Brown University
Medical Director, Coagulation & Transfusion Medicine | Lifespan Academic Medical Center | Providence, RI
4th Annual Brown Arrhythmia Symposium: Clinical Controversies

Registration Information  
Register online:  
https://apps.biomed.brown.edu/cme_registration

Conference registration fee includes: breakfast, breaks, lunch, access to an online syllabus, and complimentary valet parking.*

Registration Fees  

**Before March 7**  
$175.00 Physicians  
$150.00 Other Healthcare Professionals  
$75.00 Residents and Fellows  

**After March 7**  
$200.00 Physicians  
$150.00 Other Healthcare Professionals  
$75.00 Residents and Fellows

Cancellation Policy  
Cancellations/substitutions must be made in writing to the Brown CME Office at least two weeks prior to the conference, no later than March 24, 2017. A $25.00 administrative fee will be charged for all refunds (no refunds for “no shows”). There will be no additional charge for substitutions. This conference is subject to change or cancellation.

Please notify the Brown CME Office in writing at least two weeks prior to the conference to request reasonable accommodations.

Conference Location and Accommodations  
The Omni Providence Hotel  
1 West Exchange St, Providence, RI 02903  
401.598.8000 | www.omnihotels.com/hotels/providence

*Complimentary valet parking included in conference registration fee. Self parking in convention center garage not applicable.

To book hotel reservations with the current Brown University rate:  
http://www.campustravel.com/university/brown/

For More Information, Contact Brown CME  
233 Richmond Street, Providence, RI 02912  
P: 401.863.2871 | F: 401.863.2202 | E: CME@Brown.edu

Accreditation  
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Warren Alpert Medical School of Brown University and Lifespan Cardiovascular Institute. The Warren Alpert Medical School of Brown University is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation  
Physicians: The Warren Alpert Medical School of Brown University designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistants/Nurse Practitioners: Participants will receive a Certificate of Attendance stating this program is designated for 6.25 hours AMA PRA Category 1 Credits™. This credit is accepted by the AAPA and AANP

Nurses: This Continuing Nursing Education Activity was Approved by the Northeast Multi-State Division, An Accredited Approver by the American Nurses Credentialing Center’s Commission on Accreditation. For 6.0 Contact Hours.

Planning Committee  
Antony Chu, MD, FACC, FHRS, FAHA, FACP  
Director, Complex Ablation—Arrhythmia Services Section  
Rhode Island Hospital & The Miriam Hospital

Maria Sullivan, BS  
Director, Office of Continuing Medical Education  
Warren Alpert Medical School of Brown University

Siana Wood, RN, BSN, CDOE  
Senior Quality Analyst  
Blue Cross & Blue Shield of Rhode Island

Exhibit Opportunities  
For information on becoming an exhibitor at this meeting, please contact the Brown CME Office at CME@Brown.edu or call 401-863-2871.

Register online at:  
https://apps.biomed.brown.edu/cme_registration