

> MARCH 11-13, 2010

# FLORIDA VALVE 2010

THE RITZ-CARLTON GRANDE LAKES ORLANDO, FLORIDA

EMERGING VALVULAR & ENDOVASCULAR THERAPIES  
FOR THE SURGEON AND CARDIOLOGIST



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**ASE** American Society of  
Echocardiography  
*Heart & Circulation Ultrasound Specialists*

Florida Valve 2010 is jointly sponsored by the American Society of Echocardiography and Tampa Bay Heart Foundation.  
Endorsed by The Society of Thoracic Surgeons.

Join us for an innovative and interactive educational program with the world's leading cardiac surgeons, cardiologists, endovascular interventionalists and cardiac anesthesiologists to openly discuss recent advances and emerging trends in the management of valvular heart disease and diseases of the aorta and great vessels.

# PROGRAM HIGHLIGHTS

- State-of-the-Art information concerning surgical and percutaneous treatments of valvular heart disease, provided by the world’s foremost Cardiologists and Cardiac Surgeons
- Frank discussion of how the clinical application of the ACC/AHA 2006 valve guidelines are impacting outcomes in valvular heart disease
- Update on recent advances in 3D echo and cardiac CT/MR Imaging for Valvular Assessment
- Current status and selection of cardiac surgical approach to Aortic Valve Disease, Aortic Root Disease, Mitral Valve Disease, Aortic Aneurysms of the Arch and Descending Aorta
- State-of-the-Art discussion of percutaneous – catheter-based therapies and treatments for Aortic and Mitral Valve Disease
- State-of-the-Art review of the medical, percutaneous and surgical management of diseases of the aorta and latest evidence on how to determine optimal therapy with particular concentration on evidence-based careful adoption of new treatment modalities
- Discussion on balanced application of new FDA approved techniques for valvular and aortic therapy along with methods to handle and avoid potential complications for the new adopter
- Dynamic roundtable discussions, giving adequate time for State-of-the-Art interactions among the world’s foremost Cardiac Surgeons, Interventional Cardiologists, Diagnostic Cardiologists and Endovascular Specialists on the Faculty
- Unique Wet Lab providing a hands-on experience to learn not only the important anatomical relationships critical to understanding disease mechanisms and surgical percutaneous approach, but also insights into anatomic correlation to echocardiographic findings and performance of transesophageal echocardiography, as well as learning surgical procedures including valve repair procedures.

## TARGET AUDIENCE

• Interventional Cardiologists	• Internists
• Noninvasive Cardiologists	• Physician Assistants
• Cardiothoracic Surgeons	• Cardiovascular Nurses
• Cardiac Anesthesiologists	• Cardiac Sonographers

# PROGRAM OBJECTIVES

Upon completion of the program, the participants should be better able to:

- Establish how evidence-based diagnostic information can be applied to the identification of Aortic Valve Disease, Aortic Root Abnormalities, Mitral Valve Disease, and Diseases of the Aorta and how the ACC/AHA guidelines are having an impact in outcomes
- Identify the clinical utility of the newest cardiovascular imaging modalities (3D Echo, multi-slice cardiac CT, cardiac MRI) for the diagnosis and triaging management of both the surgical and percutaneous approach to aortic valve abnormalities and mitral valve abnormalities
- Determine optimal timing for surgical intervention in both asymptomatic patients with severe valvular heart disease, as well as those complex situations where multiple operative procedures may be necessary
- Determine the wider applicability and potential impact of emerging percutaneous valve technology on the treatment of aortic stenosis and mitral regurgitation
- Determine how to choose between the medical and surgical options available in the treatment of diseases of the thoracic aorta including percutaneous modalities
- Evaluate and deliver the optimal surgical approaches to mitral valve, tricuspid valve, and aortic valve disease including primary reparative techniques and new prostheses choices
- Apply newer surgical and catheter-based interventional therapies in the management of valvular heart disease patients and diseases of the aorta
- Determine the changes in healthcare policy and strategies for the optimal delivery of cardiovascular care
- Demonstrate, in an isolated pig heart, valve repair or replacement techniques and acquire a better appreciation of cardiac valvular anatomy
- Compare improved appreciation of 3D anatomy with echocardiographic correlation of image simulation and pig heart anatomic dissection

# FACULTY

## CO-CHAIRS

**Vinay Badhwar, MD**

Cardiac Surgical Associates of Florida,  
Orlando, FL

**Randolph P. Martin, MD, FASE**

Piedmont Heart Institute, Atlanta, GA

## INTERNATIONAL FACULTY

**Tirone E. David, MD**

Toronto General Hospital,  
Toronto, Ontario, Canada

**Volkmar Falk, MD, PhD**

University of Zurich,  
Zurich, Switzerland

**Yukikatsu Okada, MD, PhD**

Kobe General Hospital, Kobe, Japan

**Gerhard Schuler, MD, PhD**

University of Leipzig Heart Center,  
Leipzig, Germany

## U.S. FACULTY

**Joseph E. Bavaria, MD**

Hospital of the University of  
Pennsylvania, Philadelphia, PA

**Steven F. Bolling, MD**

University of Michigan,  
Ann Arbor, MI

**Robert O. Bonow, MD**

Northwestern University, Chicago, IL

**Matthew M. Campbell, MD**

Cardiac Surgical Associates of Florida,  
Orlando, FL

**Blase A. Carabello, MD**

Michael DeBakey VA Medical Center,  
Houston, TX

**Lawrence H. Cohn, MD**

Brigham & Women's Hospital,  
Boston, MA

**Michael D. Dake, MD**

Stanford Hospitals & Clinics, Stanford, CA

**James L. Field, MBA, PhD**

Advisory Board Co.,  
Washington, DC

**Roberto M. Lang, MD, FASE**

Center for Advanced Medicine,  
University of Chicago, Chicago, IL

**Michael J. Mack, MD**

Cardiothoracic Surgery Associates of  
North Texas, Dallas, TX

**Jeffrey B. Rich, MD**

Mid-Atlantic Cardiothoracic Surgeons,  
Norfolk, VA

**Stanton K. Shernan, MD, FASE**

Brigham & Women's Hospital,  
Boston, MA

**Grayson Wheatley III, MD**

Arizona Heart Institute,  
Phoenix, AZ

# AGENDA

## WEDNESDAY MARCH 10TH

6:30- 8:30 PM Registration and Opening Reception-Ritz-Carlton, Orlando

## THURSDAY, MARCH 11TH

7:00 – 7:45 AM Breakfast and registration

7:45 – 8:00 AM Welcome

### SESSION I (THURSDAY, MARCH 11)

#### INTERPRETING AORTIC VALVE DISEASE DIAGNOSIS AND WHEN TO RECOMMEND THERAPY

**Moderators: Vinay Badhwar and Randolph Martin**

8:00 – 8:20 AM Is Anyone Truly Asymptomatic with Severe Aortic Valve Disease: How to Decide What to Do?  
Robert Bonow, Chicago, IL

8:20 – 8:40 AM Aortic Stenosis in our Aging Population: Predictions on Intent to Treat and Volume Projections in the Era of Minimally Invasive Therapy  
Michael Mack, Dallas, TX

8:40 – 9:00 AM Role of Standard Echocardiography in Defining and Directing Therapy in Severe Aortic Valve Disease: When to Follow, When to Refer  
Roberto Lang, Chicago, IL

9:00 – 9:20 AM Case Selection for Percutaneous or Minimally Invasive Therapy: Equipoise Between Innovation and Outcome  
Volkmar Falk, Zurich, Switzerland

9:20 – 9:40 AM **Panel Review and Open Discussion**  
Robert Bonow, Blase Carabello, Tirone David, Roberto Lang, Volkmar Falk, Michael Mack

9:40 – 10:00 AM Break with Exhibitors

# AGENDA

## SESSION II (THURSDAY, MARCH 11)

### AORTIC VALVE AND AORTIC ROOT THERAPIES

**Moderators: Joseph Bavaria and Robert Bonow**

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|------------------|--|
| 10:00 – 10:20 AM | 3D Imaging of the Aortic Root and Related Pathology: Technique and Tips to Guide Intervention<br>Roberto Lang, Chicago, IL                             |
| 10:20 – 10:40 AM | Recent Advances in Transfemoral Aortic Valve Therapy: International Experience with 2 Devices and 10,000 Implants<br>Gerhard Schuler, Leipzig, Germany |
| 10:40 – 11:00 AM | Recent Advances in Transapical Aortic Valve Therapy: Transapical or Transfemoral First?<br>Michael Mack, Dallas, TX                                    |
| 11:00 – 11:20 AM | Minimally Invasive Aortic Surgery:<br>Is Widespread Reproducibility a Realistic Possibility?<br>Lawrence Cohn, Boston, MA                              |
| 11:20 – 11:40 AM | Valve-Sparing Root Remodeling vs. Stentless Root Replacement:<br>Long term Follow-up and Outcomes.<br>Tirone David, Toronto, Ontario                   |
| 11:40 – 12:00 PM | <b>Panel Review and Open Discussion</b><br>Lawrence Cohn, Tirone David, Michael Mack,<br>Roberto Lang, Gerhard Schuler                                 |
| 12:00 – 1:00 PM  | Lunch in the Ritz-Carlton Ballroom   |

## SESSION III (THURSDAY, MARCH 11)

### DEGENERATIVE MITRAL VALVE DISEASE

**Moderators: Blase Carabello and Lawrence Cohn**

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|----------------|--|
| 1:00 – 1:20 PM | Have the Latest ACC/AHA Guidelines Changed Practice in Identification and Treatment of Mitral Regurgitation?<br>Blase Carabello, Houston, TX |
| 1:20 – 1:40 PM | Imaging and Quantification of Mitral Valve Disease Guiding Therapy<br>Roberto Lang, Chicago, IL  |

## AGENDA

- 1:40 – 2:00 PM            Minimally Invasive Mitral Repair:  
Techniques, Outcomes and Reproducibility  
Volkmar Falk, Zurich, Switzerland
- 2:00 – 2:20 PM            Widening Mitral Repair Impact:  
Does “Complex” Repair Need to be that Complex?  
Vinay Badhwar, Orlando, FL
- 2:20 – 2:40 PM            Has the Time Come to Re-Evaluate Mitral Repair in  
Dilated Myopathy?  
Steven Bolling, Ann Arbor, MI
- 2:40 – 3:00 PM            Will Intervention for Mitral Valve Disease Become a Global Reality?  
Gerhard Schuler, Leipzig, Germany
- 3:00 – 3:30 PM            **Panel Review and Open Discussion**  
Vinay Badhwar, Steven Bolling, Volkmar Falk, Roberto Lang,  
Yukikatsu Okada, Gerhard Schuler, Stan Shernan

### FRIDAY, MARCH 12TH

- 7:00 – 7:45 AM            Breakfast with Exhibitors

### SESSION IV (FRIDAY, MARCH 12)

#### ENDOVASCULAR AND INTERVENTIONAL THERAPY: ASCENDING, ARCH AND DESCENDING AORTIC ANEURYSMS Moderators: Michael Dake and Tirone David

- 8:00 – 8:20 AM            Classification, Pathology and Current Indications for  
Intervention in Aneurysm Disease  
Matthew Campbell, Orlando, FL
- 8:20 – 8:40 AM            Thoracic Aneurysm Disease:  
Indications and Advances with Endovascular Therapy  
Grayson Wheatley, Phoenix, AZ
- 8:40 – 9:00 AM            Recent Interventional Vascular Technique Advances in Major  
Vascular and Peripheral Vascular Disease  
Michael Dake, Stanford, CA

# AGENDA

- 9:00 – 9:20 AM Complex Ascending, Arch and Thoracic Aneurysm Disease:  
Hybrid Debranching Solutions to Lower Morbidity  
Joseph Bavaria, Philadelphia, PA
- 9:20 – 9:40 AM **Panel Review and Open Discussion**  
Joseph Bavaria, Matthew Campbell, Michael Dake,  
Grayson Wheatley
- 9:40 – 10:00 AM Break with Exhibitors

**SESSION V (FRIDAY, MARCH 12)**

**ENDOVASCULAR AND INTERVENTIONAL THERAPY:  
IMAGING, MANAGEMENT AND TRAINING**

**Moderators: Vinay Badhwar and Randolph Martin**

- 10:00 – 10:20 AM CT/MRI Imaging Advances in Aortic Valve and Major Vessel Disease  
Michael Dake, Stanford, CA
- 10:20 – 10:40 AM Identifying Complications from Transcatheter Valve Intervention  
Gerhard Schuler, Leipzig, Germany
- 10:40 – 11:00 AM Treating Complications from Transcatheter Valve Intervention  
Joseph Bavaria, Philadelphia, PA
- 11:00 – 11:20 AM Preparation and Prevention in Complex Aortic Intervention:  
Monitoring, Pharmacologic Management, Peri-procedure Therapy  
Matthew Campbell, Orlando, FL
- 11:20 – 11:40 AM Credentialing and Training as Specialties Align:  
Where Are We Going?  
Grayson Wheatley, Phoenix, AZ
- 11:40 – 12:00 PM **Panel Review and Open Discussion**  
Joseph Bavaria, Matthew Campbell, Michael Dake, Michael Mack,  
Jeffery Rich, Gerhard Schuler, Grayson Wheatley
- 12:00 – 1:30 PM Lunch in Ritz-Carlton Ballroom  
**Special Mini Symposium: Emerging Valvular Therapy**

# AGENDA

## SESSION VI (FRIDAY, MARCH 12)

### NAVIGATING CHANGING HEALTH POLICY IN EMERGING VALVULAR THERAPY

Moderators: Vinay Badhwar and Randolph Martin

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|----------------|--|
| 1:30 – 1:50 PM | How Value Based Purchasing Will Influence the Future Use of Emerging Technology in Therapy<br>Jeffrey Rich, Norfolk, VA                        |
| 1:50 – 2:10 PM | The Cardiovascular Physician in the Corner: Evolving Through Clinical and Fiscal Innovation<br>James Field, Washington, DC                     |
| 2:10 – 2:30 PM | Making the Case for a Hybrid Room to Your Hospital Administration<br>Joseph Bavaria, Philadelphia, PA  |
| 2:30 – 2:50 PM | Navigating the Triangle between Cardiac Surgery, Cardiology and Vascular Surgery: The European Experience<br>Volkmar Falk, Zurich, Switzerland |
| 2:50 – 3:10 PM | Advances and Healthcare Challenges in Cardiovascular Anesthesia: Clinical and Strategic Imperatives<br>Stan Shernan, Boston, MA                |
| 3:10 – 3:30 PM | <b>Panel Review and Open Discussion</b><br>Joseph Bavaria, Lawrence Cohn, Volkmar Falk, James Field, Jeff Rich, Stan Shernan                   |

## ANNUAL FLORIDA VALVE BANQUET (FRIDAY, MARCH 12)

- |               |           |
|---------------|-----------|
| 7:00-7:30 PM  | Cocktails |
| 7:30-10:00 PM | Dinner    |

# AGENDA

## SATURDAY, MARCH 13TH

7:00 – 8:00 AM Breakfast with Exhibitors

### SESSION VII (SATURDAY, MARCH 13)

#### ECHOCARDIOGRAPHIC INTERPRETATION AND ANALYSIS: FOR THE CARDIOLOGIST, THE SURGEON, THE ECHOCARDIOGRAPHER

Proctors: Stan Shernan, Boston, MA; Randy Martin, Atlanta, GA;

Vinay Badhwar, Orlando, FL

8:00 – 9:45 AM Obtaining the Optimal Views and Windows for Valvular Analysis  
Quantification of Regurgitant Valves  
Gradients 101 and Minimizing Operator Bias  
The TEE is Your Friend and Using It Effectively  
What a Surgeon Needs to Know for Operative Decision Making and  
How to Get It  
Postoperative Echo Analyses and Expectations of Valve Therapy

9:45 – 10:00 AM Break with Exhibitors

### SESSION VIII (SATURDAY, MARCH 13)

#### THE FLORIDA VALVE CARDIOLOGY/ SURGERY COMBINED WET LABORATORY: MITRAL VALVE REPAIR

Proctors: Yukikatsu Okada, Kobe, Japan; Vinay Badhwar, Orlando, FL;

Randolph Martin, Atlanta, GA

10:00 – 11:00 AM Interactive Wet Lab - Valvular Anatomy Review and Relationships  
with Echocardiographic Correlation

11:00 – 12:00 PM Interactive Wet Lab - Valve Repair and Chordal Replacement

12:00 PM Adjourn

## INFORMATION

### CME ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Society of Echocardiography and Tampa Bay Heart Foundation. The American Society of Echocardiography is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Echocardiography designates this educational activity for a maximum of 16 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ARDMS and CCI recognize ASE's certificates and have agreed to honor the credit hours toward their registry requirements for sonographers.

The American Society of Echocardiography is committed to ensuring that its educational mission and all sponsored educational programs are not influenced by the special interests of any corporation or individual, and its mandate is to retain only those speakers whose financial interests can be effectively resolved to maintain the goals and

educational integrity of the program. While a monetary or professional affiliation with a corporation does not necessarily influence a speaker's presentation, the Essential Areas and policies of the ACCME require that any relationships that could possibly conflict with the educational value of the program be resolved prior to the educational session and disclosed to the audience.

### REGISTRATION & FEES

- \$595** Early Registration on or before 2/1/2010
- \$675** Registration paid after 2/1/2010
- \$540** Registration ASE/STS  
Physicians
- \$400** Fellow, Resident, PA,  
Nurses, Other

Attendee registration fee includes all lectures, workshops, conference materials, daily breakfast, lunch, Welcome Reception on 3/10 and Banquet Dinner on 3/12. Registration will take place at the Ritz-Carlton Grande Lakes on Wednesday, 3/10 from 6:30-8:30 PM, and on Thursday, 3/11 from 7-7:45 AM.

You may register online at **Florida ValveSymposium.com** or complete the

## INFORMATION

form on the back page of this brochure to register by fax or mail.

### HOTEL ACCOMMODATIONS AND RESERVATIONS

The Symposium will be held at the The Ritz-Carlton Grande Lakes, Orlando, Florida.

**A discounted single/double room rate of \$229 plus tax has been arranged for our guests.**

Reservations must be made directly with the hotel either online at **Florida ValveSymposium.com** or by phone. You may reach the exceptional Ritz-Carlton staff at 800-576-5760 between the hours of 9:00 AM to 8:00 PM EST Monday through Friday, and 9:00 AM to 5:00 PM EST Saturday and Sunday and ask for Group Code: **FVLFVLA**. For more hotel information, visit **the-ritz-carlton.grandelakes.com**.

If you experience any difficulty with the registration process, please contact **Carole Erickson**, Program Administrator, for personal assistance at 406-370-8555 or **siestavc@aol.com**.

### GROUND TRANSPORTATION

Ground transportation provided by Mears Motor Shuttle. To book your transporta-

tion online and receive a discount, please go to **mearstransportation.com**, click on *Shuttles* in the *Make a Reservation NOW!* box and enter your priority code number: **369026059**.

For questions or to make reservations by phone, please call toll free at 800-759-5219.

### REFUNDS AND CANCELLATION

In the event of registration cancellation, your payment (less a 20% administrative fee) will be refunded by check. All refund requests must be made in writing to the Tampa Bay Heart Foundation by February 19, 2010 - no refunds will be issued after this date. In the unlikely event that the Symposium is cancelled, all registration fees will be refunded. The Tampa Bay Heart Foundation reserves the right to cancel the symposium if necessary.

### CONTACT US

Please feel free to contact the Foundation with any questions, concerns or for additional information. Phone: 727-522-9379 or Email **info@tbhfoundation.org**.