

MIAMI 2014 VALVES



www.MiamiValves.org



October | 17-18 | 2014



Miami Marriott Biscayne Bay Miami, Florida

Eduardo de Marchena, MD, FACC, FACP, FSCAI
Course Director

Co-Course Directors

Carlos Alfonso, MD, FACC, FSCAI
Mauricio Cohen, MD, FACC, FSCAI
Alexandre Ferreira, MD, FACC
Alan Heldman, MD, FACC, FSCAI
Claudia Martinez, MD, FACC, FSCAI

REGISTRATION AND INFORMATION:
www.MiamiValves.org

Presented by:
International Medicine Institute

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UNIVERSITY OF MIAMI
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MIAMI 2014 MIRSV ALVES



Overview

Miami Valves 2014 showcases the latest in transcatheter valve replacement and is the natural progression of the University of Miami's Masters in Repair of Structural Heart Disease (MIRSV) Conference which has a long history of excellence. **Miami Valves 2014** will update medical professionals on the latest systems, techniques and practices to ensure safe and effective transcatheter valve replacement.

GAP ANALYSIS

Gaps in the diagnosis and treatment of structural heart disease will be reduced to improve patient outcomes by addressing the gaps with interventional and invasive cardiologists.

- Appraise new and upcoming technologies in the management of valvular heart disease to determine their benefit for patients
- Evaluate the relative advantages and disadvantages of different strategies in complex cases involving valvular disease
- Demonstrate how to start a Transcatheter Aortic Valve Replacement (TAVR) program

TARGET AUDIENCE

This program is designed for:

- Interventional and invasive cardiologists, general cardiologists, cardiovascular surgeons, vascular surgeons, interventional radiologists
- Physicians, nurses, technologists and healthcare professionals with an interest in cardiovascular disease, structural heart disease therapies, vascular medicine and thoracic surgery

OBJECTIVES

- Present indications, techniques, outcomes, and complications for transcatheter valve intervention in patients with native valve lesions
- Compare FDA approved technologies for TAVR and the scientific data supporting their use
- Examine best practice techniques for high certainty valve implantation
- Analyze data and techniques for treatment of bioprosthetic valve dysfunction
- Evaluate the rationale, challenges, and necessity of the heart team approach to valvular heart disease, and the functionality of the team within a center of excellence
- Evoke the changing landscape of percutaneous and surgical techniques of valve repair and replacement
- Evaluate the barriers to care in patients with valvular heart disease with specific attention to current gaps in the timely delivery of percutaneous and surgical interventions
- Recognize the different diagnostic tools and combinations required to accurately diagnose specific structural heart diseases and plan transcatheter therapy
- Discuss rationale and technique of alternative access approach for aortic stenosis
- Discuss investigational valves in the near horizon including their therapeutic advantages and limitations
- Describe the advantages and pitfalls of comprehensive diagnostic techniques for patients with valvular heart disease such as cardiac computed tomography, three-dimensional echocardiography, and complex invasive hemodynamic catheterization

- Discuss transcatheter treatment options for mitral valve disease
- Explain the clinical data supporting mitral valve leaflet clip approximation for the treatment of mitral regurgitation
- Demonstrate and present best practice techniques for mitral valve clip approximation
- Examine alternative investigational devices for the transcatheter treatment of mitral regurgitation
- Present alternatives with transcatheter aortic and pulmonary valve technologies for the treatment of mitral disease
- Present progress in transcatheter mitral valve replacement
- Present the techniques and efficacy of transcatheter treatment of mitral prosthetic valve paravalvular leaks
- Demonstrate how septal ablation can improve mitral regurgitation in hypertrophic cardiomyopathy

ACCREDITATION

The University of Miami Leonard M. Miller School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

Physician Credit

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **13.25 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Credit

This seminar has been planned and implemented in accordance with the Essential Areas and policies of the Florida Board of Nursing for Continuing Education Provider # 50-2105. Total CEUs **12.0**.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION

All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

SERVICES FOR THE DISABLED

Please contact the Division of CME prior to **September 26, 2014** should you have any special needs that may require additional assistance.

A conference staff member will contact you to discuss these special requirements.

REGISTRATION CANCELLATION POLICY

Refunds will be made only if written notice of cancellation is received prior to **September 26, 2014**. A \$100 fee is charged for all refunds. After this date, no refunds will be made. In cases where a course is cancelled due to insufficient registrations, a full tuition refund will be made.

FOR MORE INFORMATION

To register and download program brochure/agenda, contact: Division of Continuing Medical Education
Tel: 305-243-6716 /Fax: 305-243-5613
umcme@med.miami.edu



Faculty

COURSE DIRECTOR

Eduardo de Marchena, MD, FACC, FACP, FSCAI

Interventional Cardiology
Professor of Medicine and Surgery
Associate Dean for
International Medicine

CO-COURSE DIRECTORS

Carlos Alfonso, MD, FSCAI, FACC

Assistant Professor of Clinical Medicine
Cardiology Fellowship Program Director

Mauricio Cohen, MD, FACC, FSCAI

Associate Professor of Medicine
Medical Director of Cardiac
Catherization

Alexandre C. Ferreira, MD, FACC

Clinical Chief of Cardiology, Jackson
Health System
Director, JM/UM Interventional
Cardiology Fellowship Program
Voluntary Faculty, Assoc. Professor of
Medicine

Alan Heldman, MD, FSCAI, FACC

Professor of Medicine
Director, Interventional Cardiology
Vice-Chief, Cardiovascular Division
Director, Comprehensive Program in
Regenerative Medicine
Interdisciplinary Stem Cell Institute

Claudia Martinez, MD, FSCAI, FACC

Associate Professor of Clinical Medicine
Interventional Cardiology

GUEST FACULTY

Adrian Ebner, MD

Cardiothoracic Surgeon-Interventional
Cardiologist
Universidad Nacional de Asuncion
Asuncion, Paraguay

Antonio Enrique Dager, MD, FSCAI

Interventional Cardiologist
Medical Director, Angiografia
de Occidente
Cali, Colombia

Alberto Interian, Jr., MD

Professor of Medicine
Medical Director, Arrhythmia Syncope,
Mercy Hospital
Miami, FL

Peter de Jaegere, MD

Professor of Medicine
Department of
Interventional Cardiology
Thoraxcenter, Erasmus University Medical
Center Rotterdam, The Netherlands

Pedro Martinez-Clark, MD

Director, Structural Interventions and
Clinical Research
Aventura Hospital
Aventura, FL

Stephanie Moss, DNP, ARNP, ANP-BC

Assistant Chief Nurse Officer
Brandon Regional Hospital
Brandon, FL

Brian O'Neill, MD

Assistant Professor of Medicine
Division of Cardiology
Temple Heart and Vascular Institute
Philadelphia, PA

William O'Neill, MD, FSCAI

Medical Director, Center for
Structural Heart Disease
Henry Ford Hospital
Detroit, MI

Igor Palacios, MD, FACC

Director Interventional Cardiology
Director, Structural Heart Disease
Professor of Medicine
Harvard Medical School
Boston, MA

Carlos E. Ruiz, MD, PhD, FACC

Professor of Cardiology in Pediatrics and
Medicine Hofstra University
Director, Structural and Congenital
Heart Disease Program
New York, NY

Samin Sharma, MD, FACC

Interventional Cardiologist
Director, Clinical and Interventional
Cardiology President, Mount Sinai Heart
Network Dean, International Clinical
Affiliations Zena and Michael A. Wiener
Professor of Medicine
The Mount Sinai Medical Center
New York, NY

On Topaz, MD, FACC

Professor of Medicine
Duke University Medical School
Chief, Division of Cardiology Affairs
Asheville, NC

UHEALTH / MILLER SCHOOL OF MEDICINE FACULTY

Malinda Clark, RN

Director of Health Aware
TAVR Nurse Coordinator

Jean del Castillo, MSN, ARNP, FNP-BC

Nurse Practitioner
UMH Cardiovascular Service Line

Rebekah Kramer, MSN, ARNP, ANP-BC

Nurse Practitioner
UMH Cardiovascular Service Line

Kymerlee J. Manni, PhD, RCIS

Interim Chief Operating Officer
Associate Vice President for Heart,
Vascular, Stroke and Regenerative
Medicine Service Lines
Cardiology Clinics and
Outreach Programs

Anthony L. Panos, MD, MSC, FRS (C), FACS

Professor of Surgery
Associate Director
Thoracic Transplant Section
Division of Cardiothoracic Surgery

Handel Robinson, MD, FACS

Assistant Professor of Surgery
Division of Vascular Surgery

Tomas Salerno, MD

Tenured Professor of Surgery and
Anesthesiology (Adjunct)
Vice-Chairman Dept. of Surgery, Faculty
Mentoring and Development
Chief of Cardiothoracic Surgery and
Program Director
Chair of the Faculty Senate
University of Miami

Satinder K. Sandhu, MD

Professor of Pediatrics
Director, Cardiac Catheterization
Laboratory
Division of Pediatric Cardiology

Donald Williams, MD, FACS

Professor of Surgery
General Cardiac/Thoracic Surgery
Adult Cardiac Surgery

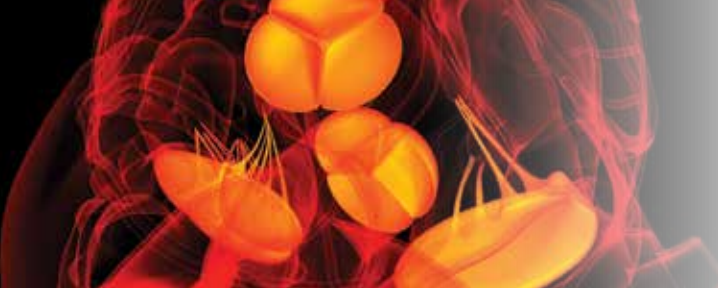




Agenda

Day 1 | Friday, October 17, 2014

TIME	TOPIC	SPEAKER(S)
7:00 - 7:50 AM	Registration and Continental Breakfast	
7:50 - 8:00 AM	Introduction and Welcome	<i>Eduardo de Marchena, MD</i>
8:00 - 8:15 AM	Aortic Stenosis: Anatomy and Natural History	<i>Claudia Martinez, MD</i>
8:15 - 8:30 AM	TAVR System I: U.S.-Approved Balloon Deployable Valve	<i>Mauricio Cohen, MD</i>
8:30 - 8:45 AM	U.S. Partner Trial	<i>Alan Heldman, MD</i>
8:45 - 9:00 AM	TAVR System II: U.S.-Approved Self Expanding Valve	<i>Eduardo de Marchena, MD</i>
9:00 - 9:15 AM	U.S. Pivotal Trial	<i>Peter de Jaegere, MD</i>
9:15 - 10:15 AM	CASE REVIEWS: Transcatheter Heart Valves Cases	<i>Eduardo de Marchena, MD Claudia Martinez, MD Mauricio Cohen, MD Alan Heldman, MD Peter de Jaegere, MD William O'Neill, MD Igor Palacios, MD, FACC Anthony Panos, MD</i>
10:15 - 10:45 AM	Coffee Break and Visit Exhibits	
10:45 - 11:00 AM	Alternate Access for TAVR: Subclavian/Direct Aortic	<i>Anthony Panos, MD</i>
11:00 - 11:15 AM	Alternate Access for TAVR: Transapical	<i>Donald Williams, MD</i>
11:15 - 11:30 AM	Next Generation TAVR Valves	<i>William O'Neill, MD</i>
11:30 - 12:30 PM	CASE REVIEWS: Transcatheter Heart Valves Cases (Advanced)	<i>Eduardo de Marchena, MD Antonio Dager, MD Claudia Martinez, MD Mauricio Cohen, MD Alan Heldman, MD Peter de Jaegere, MD William O'Neill, MD Anthony Panos, MD Igor Palacios, MD, FACC</i>
12:30 - 1:30 PM	Lunch	
1:30 - 1:45 PM	TAVR for Aortic Insufficiency	<i>Antonio Dager, MD</i>
1:45 - 2:00 PM	TAVR: Valve in Valve	<i>Peter de Jaegere, MD</i>
2:00 - 3:00 PM	Symposium 1: TAVR Complications Heart Block/Vascular Complications/Stroke/Perivalvular Leaks/ Valve Embolization	<i>Moderator: On Topaz, MD Alan Heldman, MD Mauricio Cohen, MD Peter de Jaegere, MD Handel Robinson, MD, FACS Samin Sharma, MD</i>
3:00 - 3:30 PM	Coffee Break and Visit Exhibits	
3:30 - 4:00 PM	Symposium 2: Tips and Tricks with Case Reviews – U.S.-Approved Balloon Deployable Valve	<i>Moderator: Mauricio Cohen, MD Alan Heldman, MD Claudia Martinez, MD William O'Neill, MD Samin Sharma, MD Donald Williams, MD</i>
4:00 - 4:30 PM	Symposium 3: Tips and Tricks with Case Reviews – U.S.-Approved Self Expanding Valve	<i>Moderator: Eduardo de Marchena, MD Peter de Jaegere, MD Carlos Alfonso, MD Alexandre Ferreira, MD Anthony Panos, MD Tomas Salerno, MD Antonio Dager, MD</i>
5:00 PM	Welcome Cocktail Reception	



Agenda **Day 2 | Saturday, October 18, 2014**

TIME	TOPIC	SPEAKER(S)
7:00 - 8:00 AM	Registration and Continental Breakfast	
8:00 - 8:15 AM	Pathology of Mitral Regurgitation and Natural History	<i>On Topaz, MD</i>
8:15 - 8:30 AM	Mitral Leaflet Clip	<i>Igor Palacios, MD, FACC</i>
8:30 - 8:45 AM	Mitral Annular Plication	<i>Pedro Martinez-Clark, MD</i>
8:45 - 9:00 AM	Perivalvular Leak of Mitral Surgical Valve	<i>Carlos E. Ruiz, MD, PhD</i>
9:00 - 9:15 AM	Septal Ablation for IHSS Mitral Regurgitation	<i>Alan Heldman, MD</i>
9:15 - 9:30 AM	Resynchronization Therapy for MR	<i>Alberto Interian, Jr., MD</i>
9:30 - 9:45 AM	Valve in Valve Mitral for Failed Mitral Valve Prosthesis	<i>Carlos E. Ruiz, MD, PhD</i>
9:45 - 10:00 AM	Transcatheter Mitral Valve Replacement Update	<i>Eduardo de Marchena, MD</i>
10:00 - 10:30 AM	Coffee Break and Visit Exhibits	
10:30 - 11:30 AM	CASE REVIEWS: Mitral Valve	<i>Moderator: On Topaz, MD</i> <i>Adrian Ebner, MD</i> <i>Pedro Martinez-Clark, MD</i> <i>Carlos E. Ruiz, MD, PhD</i> <i>Alan Heldman, MD</i> <i>Igor Palacios, MD, FACC</i> <i>Eduardo de Marchena, MD</i>
11:30 - 11:45 AM	Transcatheter Pulmonary Valve (TPV) Therapy	<i>Satinder K. Sandhu, MD</i>
11:45 - 12:00 PM	Can We Treat Tricuspid Regurgitation?	<i>Brian O'Neill, MD</i>
12:00 - 1:00 PM	Lunch/Abstract Judging	
1:00 - 1:30 PM	Symposium 4: Patient Evaluation and Selection for TAVR	<i>Moderator: Carlos Alfonso, MD</i> <i>Mauricio Cohen, MD</i> <i>Claudia Martinez, MD</i>
1:30 - 2:30 PM	SIMULTANEOUS SESSIONS Symposium 5: Imaging of the Aortic Valve Symposium 6: Nursing Aspects of Care - ICU Management • Nursing Aspect of Care • ICU Management • Valve Nurse Coordinators Session	<i>Moderator: Claudia Martinez, MD</i> <i>Carlos E. Ruiz, MD, PhD</i> <i>Pefer de Jaegere, MD</i> <i>Stephanie Moss, ARNP</i> <i>Jean P. del Castillo, ARNP</i> <i>Rebekah Kramer, ARNP/ Malinda Clark, RN</i>
2:30 - 3:30 PM	SIMULTANEOUS SESSIONS Symposium 7: How to Start a TAVR Program: Reimbursement, Logistics and Training Symposium 8: Best Cases from the Americas	<i>Moderator: William O'Neill, MD</i> <i>Donald Williams, MD</i> <i>Mauricio Cohen, MD</i> <i>Alan Heldman, MD</i> <i>Kymberlee J. Manni, PhD</i> <i>Moderator: Eduardo de Marchena, MD</i>
3:30 - 3:45 PM	Abstract Awards/Closing Remarks	<i>Eduardo de Marchena, MD</i>
3:45 PM	Conference Adjourns	

*Agenda subject to change



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Hotel Information

Miami Marriott Biscayne Bay Hotel

1633 North Bayshore Drive

Miami, FL 33132

Phones: 1-800-228-9290 or 1-305-374-3900

SPECIAL CONFERENCE RATE

A block of rooms has been reserved for conference participants at a discounted rate of US **\$169/night** + 13% tax/day for a one bedroom guest room. The rate is guaranteed only until **September 30, 2014**. The hotel extends the group rate 3 days pre and post conference dates based on availability. After **September 30, 2014**, reservation requests will be considered on a space-available basis.

RESERVATIONS

Reservations for the Event will be made by individual attendees directly with Marriott reservations at (800) 295-1421 and request the Miami Valves 2014 Conference group rate.

All reservations should be received by the hotel no later than **September 30, 2014**. All individual reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. Hotel will not hold any reservations unless secured by one of the above methods.

Overnight Parking Rates:

Self-Parking: \$26

Valet Parking: \$30



CALL FOR ABSTRACTS

The Miami Valves 2014 Abstract Review Committee calls upon all investigators to submit abstracts of original contribution to be considered for Poster Presentations.

DEADLINE

Early submission will result in early notification of status. To facilitate travel planning by International attendees, abstract status will be notified within 72 hours of submission.

SUBMISSION TOPICS

We welcome abstracts in the following categories:

1. Structural Heart Disease
2. Catheter-Based Therapy in Heart Disease
3. Transcatheter Valve Replacement

Special registration pricing for authors of chosen abstracts.

For information regarding abstracts, contact:

Suresh Atapattu

Email: s.atapattu@med.miami.edu

Phone: 305-243-8049

Fax: 305-243-2138

ABSTRACT POLICIES

1. Submission of an abstract constitutes a commitment by the author(s) to present if accepted, and the presenter must be one of the co-authors listed.
2. Structure the content into: Background, Methods, Results and Conclusion sections.
3. No abbreviations should be used in the title; if used in the body of the abstract, abbreviations should appear in parenthesis after the full word the first time.
4. If the author(s) has/have any relationship(s) with a commercial entity or discusses off-label or investigational use, a disclosure statement delineating the nature of the relationship should be displayed at the beginning of the presentation.
5. Length: 500 words or fewer.
6. Posters need to fit in a 4' (height) x 6' (width) format; poster display boards will be available for mounting posters.

ABSTRACT REVIEW COMMITTEE

- Carlos Alfonso, MD, FSCAI
- Igor Palacios, MD, FACC
- On Topaz, MD, FACC



Registration

TO REGISTER, PLEASE VISIT WWW.MIAMIVALVES.ORG OR

Complete this form and mail or fax (with payment) to:

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Division of CME (D23-3)
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Affiliation: _____

Specialty: _____ Last 4 digits of SSN#: _____ (for CME recording and identification purposes only)

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Daytime Telephone: _____ Fax: _____

E-mail (mandatory): _____

TUITION

	Before 9/26/14	As of 9/26/14	Onsite
<input type="checkbox"/> Physicians	\$515	\$565	\$615
<input type="checkbox"/> Physicians (Non - US Based)	\$315	\$365	\$415
<input type="checkbox"/> Physicians (UM - Affiliated)	\$115	\$165	\$215
<input type="checkbox"/> Physician Assistants	\$80	\$130	\$180
<input type="checkbox"/> Nurses (Non - UM and UM - Affiliated)	\$65	\$115	\$165
<input type="checkbox"/> Nurse Practitioners (Non - UM and UM - Affiliated)	\$80	\$130	\$180
<input type="checkbox"/> Allied Health Care Professionals	\$80	\$130	\$180
<input type="checkbox"/> Residents	\$80	\$130	\$180
<input type="checkbox"/> Fellows	\$80	\$130	\$180
<input type="checkbox"/> Medical Students	\$65	\$115	\$165
<input type="checkbox"/> Abstract Presenters	\$115	\$165	\$215
<input type="checkbox"/> Industry Reps	\$1,015	\$1,115	\$1,215

PAYMENT METHOD

Check: Please make check payable to UM/Division of CME

Charge my registration fee in the amount of \$ _____ to my: Visa® MasterCard® American Express®

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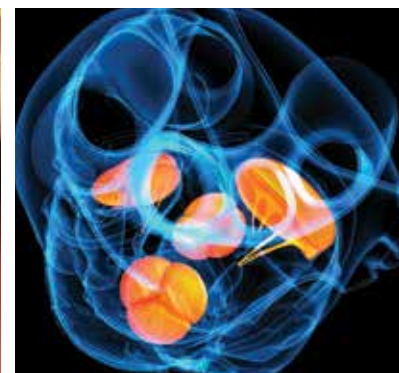
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