Fifth Annual
Structural Heart Disease Conference: Aortic Valve and Beyond
May 19, 2017
Ohio State University The Ohio Union
1739 N. High Street, Columbus, Ohio

Sponsored by:
The Ohio State University Wexner Medical Center, in cooperation with The Ohio State University Heart and Vascular Center, Department of Anesthesiology with the Divisions of Cardiac Surgery and Cardiovascular Medicine
The Fifth Annual Structural Heart Disease Conference: Aortic Valve and Beyond will offer cardiothoracic surgeons, cardiologists, echocardiographers, anesthesiologists, general internal medicine physicians, primary care physicians, physician assistants, nurse practitioners and nurses the knowledge necessary to evaluate and treat patients with valvular heart disease using the latest transcatheter devices. Attendees will be able to improve patients' outcomes by improving their (overall) understanding of patient selection, device selection, anesthetic technique, and echocardiographic evaluation.

At the conclusion of this activity, participants should be able to:

1. Understand relative merits of surgical mitral valve repair and replacement as well as current percutaneous options, and appropriate candidates for each.

2. Acknowledge and understand challenges of transcatheter aortic valve replacement (AVR) in lower risk patients, and how these challenges differ from those at intermediate or high surgical risk.

3. Identify anatomical and procedural characteristics that favor transcatheter or surgical AVR, monitored or general anesthesia, and how these features occasionally drive off-label transcatheter AVR.

4. Review procedural therapies for mitigation of stroke risk in patients with atrial fibrillation, appropriate candidates, and relative effectiveness of surgical versus percutaneous left atrial appendage exclusion.

5. Review the necessary echo views and findings in order to accurately ascertain the degree of aortic stenosis, as well as guide procedural TAVR, Mitra-Clip, and paravalvular leak closure.

6. Understand the rationale behind patent foramen ovale (PFO) closure in cryptogenic stroke, related outcomes, and limitations of historical studies.

7. Review the indications, anticipated benefits, and procedural outcomes associated with tricuspid valve interventions, along with current and forthcoming percutaneous options.

8. Review novel devices for diastolic heart failure, appropriate candidates for evaluation, and early clinical trial results.
COURSE AGENDA
Friday, May 19, 2017

7:45 am    Registration

8:15 am    Introduction
Juan Crestanello, MD and Scott Lilly, MD, PhD

8:30 am    Transcatheter Mitral Valve Therapies
Howard Herrmann, MD

9:15 am    Mitral Valve Surgery: Repair or Replace?
Michael Acker, MD

10:00 am   Break

10:15 am   TAVR in Low Surgical Risk Patients
Barry George, MD

10:35 am   SAVR or TAVR? Beyond the STS Score
Juan Crestanello, MD and Lakshmi Prasad Dasi, PhD

10:55 am   New and Future Indications for TAVR: Asymptomatic Patients,
Moderate Stenosis, Bicuspid and Insufficient Valves
Howard Herrmann, MD

11:15 am   Structural Heart Cases I: Transcatheter Aortic Replacement
Panel: Juan Crestanello, MD, Lakshmi Prasad Dasi, PhD,
Barry George, MD, Howard Herrmann, MD and William Perez, MD, MA
Moderator: Scott Lilly, MD, PhD

11:45 am   Lunch

BREAKOUT SESSIONS *Participants can either select to attend Session A, B or C*
Participants will select session onsite day of conference

**Session A:**
12:45 pm   Septal Reduction in Hypertrophic Obstructive Cardiomyopathy
Juan Crestanello, MD

1:00 pm    An Interatrial Shunt Device for Diastolic Heart Failure
Rami Kahwash, MD
### COURSE AGENDA

#### Session A: continued

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>1:15 pm</td>
<td>Percutaneous Therapies for Left Atrial Appendage Closure</td>
<td>John Hummel, MD</td>
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<tr>
<td>1:30 pm</td>
<td>Surgical Therapies for Left Atrial Appendage Closure</td>
<td>Gregory Rushing, MD</td>
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#### Session B:

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>12:45 pm</td>
<td>The SHD Patient Experience</td>
<td>Jennifer Dollery, BSN, RN</td>
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<tr>
<td>1:00 pm</td>
<td>Making Sense of “Moderate” Gradients in the Patient with Symptomatic Aortic Stenosis</td>
<td>David Orsinelli, MD</td>
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<tr>
<td>1:15 pm</td>
<td>MAC for TAVR: Eyes Wide Open</td>
<td>Manoj Iyer, MD</td>
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<tr>
<td>1:30 pm</td>
<td>Alternative Access for TAVR: From TransApical to TransCaval</td>
<td>Bryan Whitson, MD, PhD</td>
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#### Session C:

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<thead>
<tr>
<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>12:45 pm</td>
<td>TEE for Left Atrial Appendage Closure</td>
<td>Galina Dimitrova, MD</td>
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<tr>
<td>1:05 pm</td>
<td>TEE for MitraClip and Paravalvular Leak Closure</td>
<td>Michael Essandoh, MD</td>
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<td>1:25 pm</td>
<td>Management of Structural Heart Disease Emergencies</td>
<td>Kasey Fiorini, MD</td>
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<td>1:45 pm</td>
<td>Break</td>
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<tr>
<td>2:00 pm</td>
<td>PFO Closure in Cryptogenic Stroke</td>
<td>Konstantinos Dean Boudoulas, MD</td>
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<td>2:20 pm</td>
<td>Percutaneous Tricuspid Valve Therapies: The Next Frontier?</td>
<td>Scott Lilly, MD, PhD</td>
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<td>2:40 pm</td>
<td>MitraClip: “Too Sick” may be “Just Right”</td>
<td>Gregory Rushing, MD</td>
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<td>3:00 pm</td>
<td>Structural Heart Cases II: Beyond the Aortic Valve</td>
<td>Panel: Konstantinos Dean Boudoulas, MD, Sitaramesh Emani, MD, Antolin Flores, MD, Scott Lilly, MD, PhD, and Gregory Rushing, MD Moderator: Juan Crestanello, MD</td>
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<td>3:30 pm</td>
<td>Adjournment</td>
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CONFERENCE FACULTY: Ohio State University Heart & Vascular Center

Konstantinos Dean Boudoulas, MD
Associate Professor of Internal Medicine
Director, Interventional Cardiology Fellowship Program
Division of Cardiovascular Medicine

Juan Crestanello, MD
G. S. Kakos, MD & T. E. Williams, Jr., MD, PhD, Endowed Professor in Cardiac Surgery
Co-Director, Structural Heart Disease Program Planning Committee
Co-Director, Structural Heart Program
Director, Division of Cardiac Surgery
Program Director, Thoracic Surgery Fellowship

Lakshmi Prasad Dasi, PhD
Associate Professor of Biomedical Engineering
Associate Professor of Surgery (courtesy)
Associate Professor of Physiology and Cell Biology (courtesy)

Galina Dimitrova, MD
Associate Professor
Cardiovascular Anesthesiology
Department of Anesthesiology

Jennifer Dollery, BSN, RN
Program Manager, Structural Heart Program

Sitaramesh Emani, MD
Assistant Professor
Director of Heart Failure Clinical Trials
Division of Cardiovascular Medicine

Michael Essandoh, MD
Associate Director of Clinical Research
Associate Professor
Cardiovascular Anesthesiology
Department of Anesthesiology

Kasey Fiorini, MD
Assistant Professor
Cardiovascular Anesthesiology
Department of Anesthesiology

Antolin Flores, MD
Assistant Professor
Cardiovascular Anesthesiology
Department of Anesthesiology

John Hummel MD
Director, Clinical Electrophysiology Research
Professor of Medicine
Division of Cardiovascular Medicine
CONFERENCE FACULTY: Ohio State University Heart & Vascular Center

Manoj Iyer, MD  
Assistant Professor  
Cardiovascular Anesthesiology  
Department of Anesthesia

Rami Kahwash, MD  
Director of the Heart and Vascular Research Organization  
Associate Professor in Internal Medicine  
Division of Cardiovascular Medicine

Scott Lilly, MD, PhD*  
Co-Director, Structural Heart Disease Program Planning Committee  
Co-Director, Structural Heart Program  
Assistant Professor of Internal Medicine  
Division of Cardiovascular Medicine

David Orsinelli, MD  
Professor of Internal Medicine  
Director, Structural Heart Imaging  
Division of Cardiovascular Medicine

William Perez, MD, MA*  
Co-Director, Structural Heart Disease Program Planning Committee  
Assistant Professor  
Cardiovascular Anesthesiology  
Director of Perioperative Echocardiography  
Department of Anesthesiology

Gregory Rushing, MD  
Assistant Professor of Surgery  
Division of Cardiac Surgery

Bryan Whitson, MD, PhD  
Associate Professor of Surgery  
Director, End-Stage Cardiopulmonary Failure Program  
Co-Director, COPPER Laboratory  
Division of Cardiac Surgery

*Members of the planning committee

CONFERENCE GUEST FACULTY

Michael Acker, MD  
William Maul Measey Professor of Surgery  
Chief, Division of Cardiovascular Surgery  
Director, Penn Medicine Heart and Vascular Center  
University of Pennsylvania Health System  
Philadelphia, PA

Barry George, BE, MD  
Cardiologist  
Knox Community Hospital  
Mount Vernon, OH  
Adjunct Professor, The Ohio State University

Howard Herrmann, MD  
John W. Bryfogle Professor of Cardiovascular Medicine and Surgery  
Perelman School of Medicine at the University of Pennsylvania  
Health System Director for Interventional Cardiology  
Director, Cardiac Catheterization Labs, HUP  
University of Pennsylvania Health System, Philadelphia, PA
REGISTRATION FORM

Accreditation: The Ohio State University Wexner Medical Center, Center for Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Ohio State University Wexner Medical Center designates this educational activity for a maximum of 5.5 AMA PRA Category 1 Credits™. Physicians should claim credit commensurate with the extent of their participation in the activity.

To register, visit [http://go.osu.edu/5SHD](http://go.osu.edu/5SHD) or mail your completed registration form to:

The Ohio State University Wexner Medical Center
Division of Cardiovascular Medicine
200 DHLRI, Attn: Melodie Catron
473 W. 12th Ave Columbus, OH 43210

If you have any questions, please email melodie.catron@osumc.edu.

Course registration fee

- Physician: $100
- Nurses and Allied Healthcare Providers: $75
- Ohio State Faculty, Staff and Students: Free

Name _________________________________________________________________
Degree _____________________________ Specialty ____________________________
Address  _______________________________________________________________
City __________________________________ State _______________ ZIP ___________
Phone ________________________________ Fax ______________________________
Email __________________________________________________________________

Due to information security protocol, we cannot accept faxed registrations containing credit card information.

- Visa
- MasterCard
- American Express

Name on Card ___________________________________________________________
Card Number __________________________________________________________
Expiration Date _________________________________________________________
Signature __________________________________________ Date _______________

Course Cancellation Policy: Requests for cancellation must be submitted in writing and postmarked on or before 5 p.m. EST, Friday, May 12, 2017. The Ohio State University Wexner Medical Center reserves the right to cancel this program at any time and will assume no financial obligation to the registrants in event of cancellation.

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