Mastering the Management of Aortic Valve Disease: A Case Based Approach
December 13-14, 2019
JW Marriott Essex House New York, NY
www.ccfcme.org/aorticmasters
Course Description

The management of patients with aortic valve disease is constantly evolving, highlighted by innovations in devices, surgical techniques, and imaging. In addition, guidelines, research studies and clinical trials are continually expanding the evidence base related to both management decisions and treatment outcomes from valve interventions, both transcatheter and surgical-implanted devices. These developments, in turn, have altered the clinical practice framework for approaching aortic valve disease quantification and treatments, resulting in some confusion regarding the optimal management strategies. This program is designed to bring together cardiologists, surgeons, and other healthcare providers to address the contemporary and future management of aortic valve disease and better define the role of transcatheter and surgical therapies. The course will emphasize case-based learning designed to engage learners in discussions, debates, and critical decision-making for this condition.

Learning Objectives
After participating in this educational activity, practitioners will be able to do the following:

- Describe the best practices for the assessment and treatment of patients with aortic valve disease.
- Discuss the role of medical therapy for patients with aortic valve disease.
- Describe strategies for treating uncommon developments associated with aortic valve disease including use of mechanical or bioprosthesis valves, valve reimplantation, and repair of bicuspid valves.
- Summarize outcomes for transcatheter aortic valve replacements (TAVR) versus surgical aortic valve replacement in clinical trials of patients at low and intermediate risk for surgical complications.
- Explain how recently presented results from clinical trials in lower surgical-risk patients, especially longer-term outcomes, are expanding the patient-eligibility criteria for TAVR.

Target Audience
This course is intended for cardiothoracic surgeons, cardiologists, interventional cardiologists, internists, nurses, physician assistants and all health care professionals involved in the evaluation, diagnosis and/or management of patients with aortic valve disease.
Friday, December 13, 2019

7:00 am  Registration and Breakfast
7:55 am  Welcome and Announcements
Lars G. Svensson, MD, PhD

Session I: A Contemporary Framework for Approaching Aortic Valve Disease in 2019
Moderators: Douglas Johnston, MD and Lars G. Svensson, MD, PhD

8:00 am  Evolution of the Aortic Valve Center: How and Why
Panel Discussion: Samir Kapadia, MD, Leonardo Rodriguez, MD & Douglas Johnston, MD

8:20 am  Case: Patient with Symptomatic AS
Natural History and Risk Factors for Patients with AS
Leonardo Rodriguez, MD

8:35 am  Case: Severe AI and Dilated LV
Natural History and Risk Factors for Patients with AR
Brian Griffin, MD

8:50 am  Current Guidelines: When and How to Intervene
Patrick T. O’Gara, MD

9:10 am  Is there a Role for Medical Therapy in Aortic Valve Disease?
Brian Griffin, MD

9:25 am  The Top 10 Aortic Valve Papers: Implications for Clinical Practice in 2019
Robert O. Bonow, MD

9:45 am  Panel Discussion and Audience Q&A

10:00 am  Break

Session II Imaging of the Aortic Valve from Basic to Advanced Techniques
Moderators: Wael Jaber, MD and Brian Griffin, MD

10:30 am  Case of Standard Severe AS: Utilization of Basic Echo
Wael Jaber, MD

10:45 am  Case of Asymptomatic Severe AS: Use of Stress Echo, BNP and Strain
Leonardo Rodriguez, MD

11:00 am  Case of Low Flow, Low EF and Paradoxic AS Using Dobutamine Echo Contractile Reserve
Christine Jellis, MD, PhD

11:15 am  Case of TAVR Showing CT and CMR for Work-up
Milind Desai, MD

11:30 am  Case of Severe AR with Imaging Work-up: Quantification of AR and Surgical Timing
Brian Griffin, MD

11:45 am  Case of BAV with Aortopathy Including Different Measurement Techniques and Current Size Thresholds in Considering Surgery
Milind Desai, MD

12:00 pm  Panel Discussion and Audience Q&A

12:15 pm  Lunch

12:45 pm  Featured Guest Faculty/Interview
Craig R. Smith, MD and Lars G. Svensson, MD, PhD

Session III: Controversies and Difficult Scenarios in Aortic Valve Disease
Moderators: Lars G. Svensson, MD, PhD

1:15 pm  Mechanical vs. Bioprosthesis: How to Decide (Case of Early Bioprosthesis Failure and Data on Etiology and Surgical Outcomes)
Gosta Pettersson, MD, PhD

1:30 pm  AVR and CABG
Douglas Johnston, MD

1:45 pm  Valve in Valve versus Redo Surgery
Douglas Johnston, MD

2:00 pm  Surgery in a Young Asymptomatic Patient
Doug Johnston, MD

2:15 pm  Case of Valve Reimplantation and Aortic Valve Repair
Lars G. Svensson, MD, PhD

2:30 pm  Panel Discussion and Audience Q&A

2:45 pm  Break

3:00 pm  Case of Radiation Heart Disease: Data on SAVR TAVR Comprehensive Approach
Douglas Johnston, MD

3:15 pm  Case of Endocarditis Requiring Surgery
Paul Stelzer, MD

3:30 pm  Case of Paravalvular AR: Data on Surgical and Percutaneous Closure
Samir Kapadia, MD

3:45 pm  Failed Bioprostheses and Small Root
Doug Johnston, MD

4:00 pm  Bicuspid Valve with Aortic Valve Repair
Lars G. Svensson, MD, PhD

4:15 pm  Case of Paradoxical Onset of Aortic Valve Disease
Eric Roselli, MD

4:30 pm  Panel Discussion and Audience Q&A

4:45 pm  Adjourn for Day

Saturday, December 14, 2019

Session IV: TAVR (Rapid Fire Presentations 10 mins each)
Moderators: Samir Kapadia, MD and Douglas Johnston, MD

8:00 am  Evolving Directions for TAVR (new trial results, low risk patients)
Samir Kapadia, MD

8:10 am  What is Low Risk TAVR – Imaging Characteristics
Christine Jellis, MD, PhD

8:20 am  Cerebral Protection – Case Based Approach
Amar Krishnaswamy, MD

8:30 am  WATCH TAVR – Case Presentation - TAVR and LAAC in AF Patients
Samir Kapadia, MD

8:40 am  Complications During and After TAVR (Tamponade, PPM, VSD)
Amar Krishnaswamy, MD

8:50 am  Management of Difficulty Groin Access with TAVR
Rishi Puri, MD, PhD

9:00 am  No Valve in Valve for this Patient – SAVR is a Better Option
Douglas Johnston, MD

9:10 am  When to do Balloon Valvuloplasty – Case Based Approach
Amar Krishnaswamy, MD

9:20 am  Alternative Access Options for TAVR
Stephanie Mick, MD

9:30 am  Leaflet Thrombosis After TAVR – Case Based Approach
Susheel Kodali, MD

9:40 am  Treatment of Paravalvular Leak After TAVR – VIV or Plug – Case Based Approach
Amar Krishnaswamy, MD

9:50 am  Endocarditis after TAVR
Wael Jaber, MD

10:00 am  Coronary Disease Management in Patients Undergoing TAVR
Samir Kapadia, MD

10:10 am  Panel Discussion and Audience Q&A

10:25 am  Break

Session V: Emerging Technologies (Non CME)
Moderators: Eric Roselli, MD and Samir Kapadia, MD

10:50 am  Clinical Takeaways from the Global Registries
Susheel Kodali, MD

11:00 am  S3 Ultra
Amar Krishnaswamy, MD

11:10 am  Exceed Trial – CENTERA Valve
Susheel Kodali, MD

11:20 am  JenaValve
Olaf Wender, MD, PhD

11:30 am  Accessory Devices – Manta (closure), Sentinel and Triguard
Rishi Puri, MD, PhD

11:40 am  Gore Arise Trial and Investigational Approaches to Dissection
Eric Roselli, MD

11:50 am  Combination of Wearables and AI May Help ID Onset of Aortic Valve Disease
Milind Desai, MD

12:00 pm  Q & A

12:15 pm  Adjourn
General Information

Location
JW Marriott Essex House New York
160 Central Park South, New York, NY 10019

Hotel Accommodations
A block of guest rooms has been reserved at the JW Marriott Essex House at a reduced holiday rate of $554.00 plus tax per night. Rooms can be booked by calling (800) 228-9290 and identifying yourself as a conference attendee or online at https://book.passkey.com/go/CMEMeeting. The hotel block will close on Friday, November 22, 2019.

Accreditation
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 10 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Faculty Disclosure
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Registration
Register online at www.ccfcme.org/aorticmasters.

Fee includes continental breakfasts, refreshment breaks, lunch and conference materials.

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Registration and Cancellation
Preregistrations are accepted until 5:00 pm Monday, December 9, 2019. Register on site after this date. In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by November 15, 2019. After November 15, 2019, a $100 cancellation fee will be deducted from your refund. No refunds will be issued after November 27, 2019.

For questions about registration or cancellation, email us at events@jamiebelkin.com or call 216.932.3448.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.

Meeting Management:
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2460 Fairmount Boulevard
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216.932.3448
www.jamiebelkin.com

Ranked Among the Best
Cleveland Clinic has been ranked the nation’s No. 1 heart care program for 25 consecutive years by U.S. News & World Report.