



Penn Medicine

Continuing Medical and
Interprofessional Education

IN-PERSON AND VIRTUAL

Contemporary Management of Mitral Valve Disease



March 8, 2024

In-Person Meeting Location

Arthur H. Rubenstein Auditorium at the
Smilow Center for Translational Research
3400 Civic Center Blvd.
Philadelphia, PA 19104

CME/CE-ACCREDITED CONFERENCE



<http://upenn.cloud-cme.com/mitralvalve2024>

Contemporary Management of Mitral Valve Disease

PROGRAM OVERVIEW & TARGET AUDIENCE

A contemporary, overview of indications for intervention on the mitral valve with a comprehensive discussion of medical, surgical, and percutaneous options treating mitral valve pathology from regional and national experts.

This activity is designed for cardiologists, cardiac surgeons, nurse practitioners and other healthcare professionals who manage and treat mitral valve disease.

LEARNING OBJECTIVES

Upon completion of this activity, physicians and health care providers will be able to:

- Discuss indications for intervention on mitral valve pathology
- Review the various treatment options to treat mitral valve disease
- Review the role of trials in treating mitral valve disease

HOSTING DEPARTMENT

Contemporary Management of Mitral Valve Disease is hosted by the division of cardiac surgery in the Department of Medicine at Penn Medicine.

ACCREDITATION



In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

DESIGNATION OF CREDIT

Physicians: Penn Medicine designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 6.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC)

program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nurses: This program provides 6.5 NCPD hours.

Physician Assistants: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 6.5 Category 1 credits for completing this activity.

Certificates and Transcripts: After the conference has concluded, all participants will receive a follow-up email with instructions and a link with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

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LIVE AND VIRTUAL PRESENTATIONS

Contemporary Management of Mitral Valve Disease will be held Friday, March 8, 2024 by in-person or live-stream (virtual) attendance. The live and virtual presentations will follow the scheduled agenda in real time (EST).

TO ATTEND IN-PERSON:

Meeting Location

Arthur H. Rubenstein Auditorium at the Smilow Center for Translational Research
3400 Civic Center Blvd., Philadelphia, PA 19104

Parking

Parking is available at 3600 Civic Center Blvd, Philadelphia, PA 19104. The fee is \$20 and is not validated or reimbursed by the symposium.

REGISTRATION FEES

IN-PERSON AND VIRTUAL ATTENDANCE:

Please register online at <http://upenn.cloud-cme.com/mitralvalve2024>. The fees to attend in-person or virtual are as follows: \$150 for physicians and industry attendees, \$50 for nurse practitioners, nurses, physician assistants and other healthcare professionals. There is no fee for residents, fellows and students or Penn Medicine staff, residents, fellows, and students — but registration is required, using Penn Key or email linked to your institution.

All pre-registered, **in-person** attendees will receive access to the conference, attendee booklet, continental breakfast, lunch and breaks. Registration also includes access to view the presentations online for one year. Walk-ins are discouraged. Please be sure to register in advance.

All pre-registered **virtual** attendees will receive an email 48 hours in advance that includes a link with instructions to sign-in and join the virtual conference, as well as the attendee booklet (downloadable PDF). Registration also includes access to view the presentations online for one year.

Need to Register by Mail?

Please note: mailed registrations may take more than 5-10 business days before they are received by the CME Office because we continue to experience longer delays in receiving mail. We encourage all attendees to register online.

BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING YOUR REGISTRATION CONFIRMATION AND OTHER EMAILS REGARDING THIS CONFERENCE.



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CANCELLATION POLICY

In order to process refunds for course withdrawals, cancellations must be received in writing by February 23, 2024 (subject to a service charge of \$25.00). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products or devices within their presentations.

FACULTY

View the full faculty profiles by clicking on the names below.

COURSE CO-DIRECTORS

Michael Acker, MD
Pavan Atluri, MD
Gene Chang, MD, PhD
Paul Fiorilli, MD
Howard Herrmann, MD
Michael Ibrahim, MD, PhD

PLANNING COMMITTEE

Roy Arjoon, MD
Jignesh Bhavsar, MD
Ray Hu, MD
David Jones, MSN, CRNP, BC
Lisa Long, CRNP
Lisa Mangino-Blanchard, CRNP
Frank Silvestry, MD

GUEST FACULTY

Hartzell V. Schaff, MD
Stuart W. Harrington Professor of Surgery
Division of Cardiovascular Surgery
Mayo Clinic, Rochester, MN

PENN MEDICINE FACULTY

Lisa Blanchard, NP
Marisa Cevasco, MD
Victor Ferrari, MD
Kendall Lawrence, MD
Ashwin Nathan, MD

SERVICES FOR THE DISABLED If special arrangements are required for an individual with a disability to participate this meeting, please contact the Office of Continuing Medical and Interprofessional Education no later than February 23, 2024, at 215-898-6400.

NONDISCRIMINATION STATEMENT The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action.

AGENDA | FRIDAY, MARCH 8, 2024

- 7:30 AM – 8:00 AM **In-person Registration**
- 7:45 AM – 8:00 AM **Virtual Attendee Sign-in**
(Broadcast goes live at 8:00 am)
- 8:00 AM – 8:10 AM **Welcome**
Michael Acker, MD, Pavan Atluri, MD, and Howard Herrmann, MD

SESSION 1 | WHAT IS THE DATA SUPPORTING CORRECTING MITRAL PATHOLOGY?

- 8:10 AM – 8:30 AM **When Should you Refer for Treatment of Asymptomatic MR?**
Michael Ibrahim, MD, PhD
- 8:30 AM – 8:50 AM **Testing to Accurately Assess Asymptomatic MR**
Victor Ferrari, MD
- 8:50 AM – 9:00 AM **Discussion**

- 9:00 AM – 9:30 AM **Keynote: Volumetric Impact of Asymptomatic MR on Ventricular Function**
Hartzell Schaff, MD

- 9:30 AM – 9:45 AM Break

SESSION 2 | CURRENT STATE-OF-THE-ART IN MITRAL VALVE SURGERY

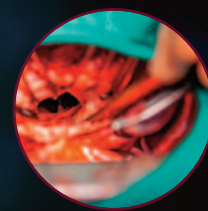
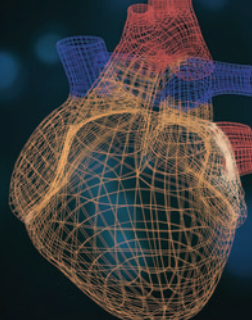
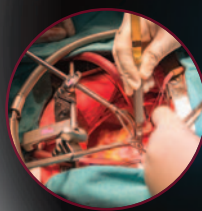
- 9:45 AM – 10:15 AM **Presentation**
Michael Acker, MD
- 10:15 AM – 10:30 AM **Discussion**
Moderator: Michael Acker, MD
Discussants: Michael Acker, MD, Pavan Atluri, MD, Jignesh Bhavsar, MD, Marisa Cevasco, MD, Victor A. Ferrari, MD and Frank Silvestry, MD

SESSION 3 | TEER – PATIENT SELECTION, INDICATIONS, AND ANATOMIC CONSIDERATIONS

Case Study Discussants: Roy Arjoon, MD, Pavan Atluri, MD, Gene Chang, MD, PhD, Paul Fiorilli, MD, Howard Herrmann, MD, Michael Ibrahim, MD, PhD, Kendall Lawrence, MD and Frank Silvestry, MD

- 10:30 AM – 10:40 AM **Clinical Trials: Primary and Repair MR**
Gene Chang, MD, PhD
- 10:40 AM – 10:50 AM **Anatomic Considerations for TEER**
Frank Silvestry, MD
- 10:50 AM – 11:00 AM **Case Study A: Degenerative MR**
Howard Herrmann, MD
- 11:00 AM – 11:10 AM **Case Study B: Functional MR**
Paul Fiorilli, MD
- 11:10 AM – 11:45 AM **Non-anatomic Considerations for TEER – Who is High Risk for TEER in Surgery?**
Michael Acker, MD

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11:45 AM – 1:00 PM Lunch and Visit Exhibits

SESSION 4 | MITRAL VALVE SURGERY: WHERE DO WE STAND?

Case Discussants: Michael Acker, MD, Lisa Blanchard, NP, Marisa Cevasco, MD, Michael Ibrahim, MD, PhD, David Jones, CRNP, Kendall Lawrence, MD and Ashwin Nathan, MD

1:00 PM – 1:15 PM **Selecting Patients for Minimally Invasive MV Surgery**
Pavan Atluri, MD

1:15 PM – 1:30 PM **Case Study A: 58 yo With Severe MR**
Ashwin Nathan, MD

1:30 PM – 1:45 PM **Case Study B: 77 yo With Severe MR**
Kendall Lawrence, MD

1:45 PM – 1:55 PM **Management of Mitral Valve Disease During Ventricular Assist Device Implant**
Marisa Cevasco, MD

1:55 PM – 2:05 PM **Management of Mitral Valve Disease at the Time of Aortic Valve Surgery**
Kendall Lawrence, MD

2:05 PM – 2:15 PM **Robotic Mitral Valve Repair Case**
Michael Ibrahim, MD, PhD

2:15 PM – 2:25 PM **Discussion**

2:25 PM – 2:40 PM Break

SESSION 5 | PERCUTANEOUS THERAPIES

Discussants: Pavan Atluri, MD, Gene Chang, MD, PhD, Paul Fiorilli, MD, Howard Herrmann, MD and Michael Ibrahim, MD, PhD

2:40 PM – 2:55 PM **Current Clinical Trials and New Tech on the Horizon**
Howard Herrmann, MD

2:55 PM – 3:10 PM **Transcatheter Therapies for Tricuspid Valve Disease**
Paul Fiorilli, MD

3:10 PM – 3:20 PM **Case of PVL Closure Post-Surgery**
Howard Herrmann, MD

3:20 PM – 3:40 PM **Discussion**

SESSION 6 | DEBATE – 70 YO WITH P2 PROLAPSE

3:40 PM – 3:50 PM **The Case for Surgery**
Michael Ibrahim, MD, PhD

3:50 PM – 4:00 PM **The Case for TEER**
Ashwin S. Nathan, MD

4:00 PM – 4:25 PM **Audience Voting and Discussion**

4:25 PM – 4:30 PM **Closing**
Pavan Atluri, MD

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Friday, March 8, 2024

We strongly encourage you to register for this conference online by check or credit card at <http://upenn.cloud-cme.com/mitralvalve2024>

Questions? Contact us at:

penncme@pennmedicine.upenn.edu • Phone: 215-898-6400 or 215-898-8005

Please note: we are unable to accept faxed registration forms.

Please print or type

Name (First) _____ (Last) _____

Academic Degree _____

Medical Specialty _____

Affiliation (Hospital, Office, or Company) _____

Address (Affiliation or Home) _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

REGISTRATION FEES

(pre-payment is required to be officially registered)

IN-PERSON or VIRTUAL ATTENDANCE:

- Physicians and industry employees – \$150
- Nurse practitioners, physician assistants and other healthcare professionals – \$50
- Residents, fellows and students – no fee
- Penn Medicine staff, residents, fellows, and students – no fee*

*Must register using Penn Key or email linked to your institution

PAYMENT METHOD

- If you are paying by check or credit card, please register online at <http://upenn.cloud-cme.com/mitralvalve2023>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
 - Conference Manager
 - Office of Continuing Medical & Interprofessional Education
 - Academic Programs, Penn Medicine, JMEC, SPE, 6th floor
 - 3400 Civic Center Blvd, Bldg. 421
 - Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.