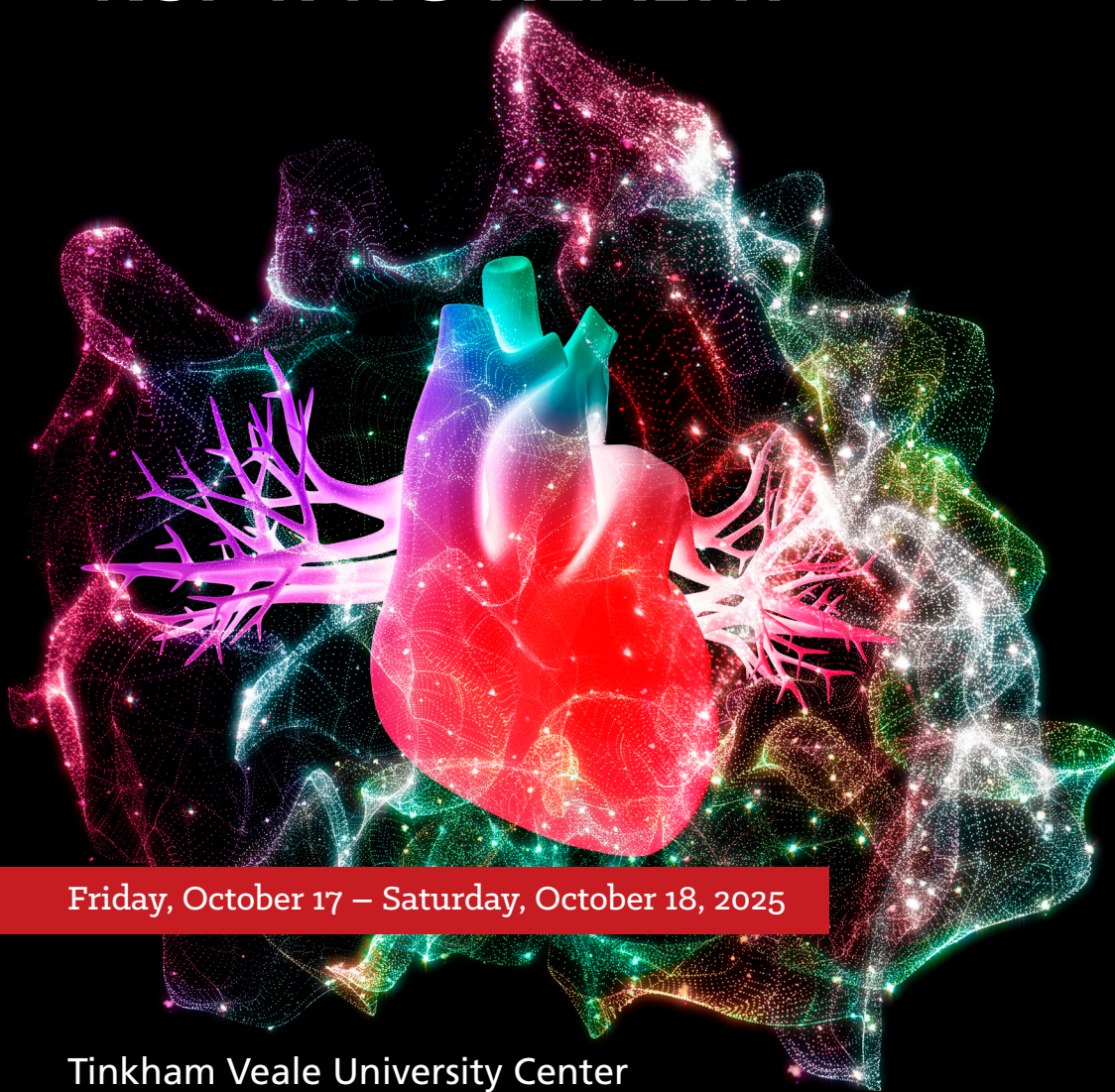


 CONTINUING MEDICAL EDUCATION

18TH ANNUAL CARDIOVASCULAR DISEASE UPDATE:

TRANSFORMING CARE, INSPIRING HEALTH

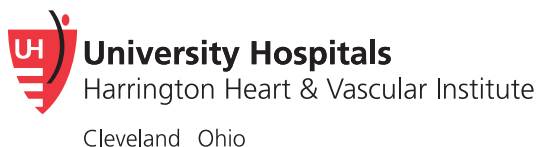


Friday, October 17 – Saturday, October 18, 2025

Tinkham Veale University Center

11028 Bellflower Road | Cleveland, OH 44106

PRESENTED BY:



SPONSORED BY:



OVERVIEW

Join us for the 18th Annual Cardiovascular Disease Update, where experts explore cutting-edge therapies, digital health innovations, and lifestyle strategies transforming heart and vascular care. From wearable technologies and precision interventions to breakthroughs in heart failure, lipids, and maternal-fetal health, this symposium delivers the latest insights shaping modern cardiovascular medicine.

LEARNING OBJECTIVES

- **Evaluate emerging device-based therapies:** Describe how novel technologies such as barostim neuromodulation, cardiac myosin inhibitors, and microaxial pumps are reshaping management strategies for advanced heart failure, hypertrophic cardiomyopathy, and STEMI-related cardiogenic shock.
- **Apply evolving lipid and maternal-fetal cardiovascular care insights:** Incorporate new evidence on Lp(a) reduction, lipid disorders, and cardiovascular risk during pregnancy into clinical decision making to optimize outcomes across diverse populations.
- **Integrate wearable and digital health innovations:** Utilize wearable sensors, remote monitoring, and AI-enabled digital platforms for arrhythmia detection, athletic clearance, and longitudinal cardiovascular care.
- **Recognize lifestyle and environmental determinants of cardiovascular risk:** Assess the cardiovascular impact of ultra-processed foods, sleep disturbances, and psychosocial stressors, and implement prevention strategies targeting these modifiable factors.
- **Implement multidisciplinary strategies for acute and preventive interventions:** Apply team-based approaches for pulmonary embolism response teams (PERT), limb salvage, structural interventions for stroke prevention, and septal reduction therapies in clinical practice.

WHO SHOULD ATTEND

Cardiologists, cardiovascular subspecialists, vascular surgeons, internists, family practitioners, nurses, physician assistants, technicians, fellows and residents

FEES (ALL SESSIONS WILL BE HELD IN-PERSON ONLY)

Physicians

\$75 Friday, October 17

\$100 Saturday, October 18

\$150 Both days (Oct 17-18)

Nurses/PAs/Techs/Fellows/Residents

\$35 Friday, October 17

\$50 Saturday, October 18

\$75 Both days (Oct 17-18)

ONLINE REGISTRATION

cwru.cloud-cme.com/CVD18

QUESTIONS?

medcme@case.edu

ACCREDITATION STATEMENT

Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Friday, October 17: Case Western Reserve University School of Medicine designates this live activity for a maximum of 3.75 *AMA PRA Category 1 Credits*™.

Saturday, October 18: Case Western Reserve University School of Medicine designates this live activity for a maximum of 5.0 *AMA PRA Category 1 Credits*™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PROGRAM AGENDA: VASCULAR DISEASE UPDATE

Friday, October 17

12 – 12:55 p.m. Registration and Lunch

12:55 – 1 p.m. Welcome and Introductions | Jae Cho, MD and Jun Li, MD

TRACK 1: AORTA AND BEYOND

Moderators: Madonna Michael, MD and William Yoon, MD, PhD

1 – 1:10 p.m. Silent Threats in the Ascending Aorta: From Dilation to Disaster
Cristian Baeza, MD

1:10 – 1:20 p.m. Triple A, Triple Threat: Anatomy, Aneurysm, Action -
Screening and Management
John Eidt, MD

1:20 – 1:30 p.m. Encoded to Expand: Genetic Drivers of Aortopathy
Vidyasagar Kalahasti, MD

1:30 – 1:40 p.m. Aortic Care Team: Where are We Now in 2025?
William Yoon, MD, PhD

1:40 – 1:50 p.m. Discussion and Audience Q&A

1:50 – 2 p.m. COFFEE BREAK AND EXHIBITS

TRACK 2: CAROTID AND ABOVE

Moderator: Jonathan Kwong, MD

2 – 2:10 p.m. The Generalist's Guide to Carotid Disease:
Diagnosis and Medical Management
Jane Chung, MD

2:10 – 2:20 p.m. When to Intervene in Asymptomatic Patients
Avkash Patel, MD

2:20 – 2:30 p.m. When to Intervene in Symptomatic Patients
Kaitlyn Dunphy, MD

2:30 – 2:40 p.m. New Tricks for Old Arteries: Innovations in Carotid Intervention
Mehdi Shishehbor, DO, MPH, PhD

2:40 – 2:50 p.m. Discussion and Audience Q&A

2:50 – 3:20 p.m. COFFEE BREAK AND EXHIBITS

3:20 – 3:40 p.m. **KEYNOTE:** Robotic Minimally Invasive Vascular Surgery
Fabien Thaveau, MD, PhD

TRACK 3: PAD AND BELOW

Moderator: Yulanka Castro-Dominguez, MD

3:40 – 3:50 p.m. What is New in Peripheral Artery Disease (PAD) Diagnosis and
Management? Updates from the 2024 American College of
Cardiology/American Heart Association PAD Guidelines
Heather Gornik, MD

3:50 – 4 p.m. Practicing in the Post-BEST-CLI and BASIL 2 Era:
Integrating Available Evidence into Real World Practice
Jun Li, MD

4 – 4:10 p.m. Two Roads, One Limb: Navigating Hybrid Revascularization in
Critical Limb-Threatening Ischemia | Benjamin Colvard, MD

4:10 – 4:20 p.m. Against the Odds: Navigating the "No-Option" Limb
Tarek Hammad, MD

4:20 – 4:30 p.m. Discussion and Audience Q&A

TRACK 4: VENOUS IN THE SHADOWS

Moderator: Karem Harth, MD

- 4:30 – 4:40 p.m. **Chronic Venous Insufficiency: From Basics to Advanced Wounds**
Teresa Carman, MD
- 4:40 – 4:50 p.m. **When It's Not the Veins: Differential Approach to Leg Swelling and Skin Findings** | Steven Dean, DO
- 4:50 – 5 p.m. **Clot Crisis: Advanced Options for Acute Limb Deep Vein Thrombosis**
Yulanka Castro-Dominguez, MD
- 5 – 5:10 p.m. **Beyond Varices: The Hidden World of Pelvic Venous Disease**
Karem Harth, MD
- 5:10 – 5:20 p.m. **Discussion and Audience Q&A**
- 5:20 – 5:25 p.m. **Closing Remarks** | Jae Cho, MD

EVENING CASE PRESENTATIONS

- 5:25 – 6:15 p.m. **Cocktail Hour**
- 6:15 – 7:30 p.m. **Dinner and Case Presentations**
Joel Hlavaty, MD, Vascular Surgery Fellow | Sarah Budik, MD, Vascular Surgery Fellow |
Gordon Wong, MD, Endovascular Fellow | Omar Sheikh, MD, Endovascular Fellow

PROGRAM AGENDA: CARDIOVASCULAR DISEASE UPDATE

Saturday, October 18

- 7 – 7:55 a.m. **Registration and Continental Breakfast**
- 7:55 – 8 a.m. **Welcome and Introductions** |
Sanjay Rajagopalan, MD, MBA and Mehdi Shishehbor, DO, MPH, PhD

PLENARY SESSION:

Moderator: Hope Barkoukis, PhD, RDN, LD and Sanjay Rajagopalan, MD, MBA

- 8 – 8:25 a.m. **Diet and Cardiovascular Disease: The Fight on Ultra Processed Foods**
Dariush Mozaffarian, MD, MPH
- 8:25 – 8:30 a.m. **Discussion and Audience Q&A**

TRACK ONE: SOLVING HEART FAILURE – NEW WEAPONS TO BATTLE AN OLD FOE

Moderators: Robert Montgomery, MD and Ravi Ramani, MD

- 8:30 – 8:42 a.m. **Leveraging Barostim in Advanced Heart Failure** | Patrick McCann, MD
- 8:42 – 8:54 a.m. **Using Cardiac Myosin Inhibitors (CMIs) in Hypertrophic Cardiomyopathy: Who, When and How** | Anjali Owens, MD
- 8:54 – 9:06 a.m. **Novel Treatments in Transthyretin Amyloidosis (ATTR-CM)**
Farooq Sheikh, MD
- 9:06 – 9:20 a.m. **Discussion and Audience Q&A**
- 9:20 – 9:50 a.m. **COFFEE BREAK AND EXHIBITS**

TRACK TWO: LOVE, LIPIDS AND LABOR

Moderators: Mariam Rana, MD and Claire Sullivan, MD

- 9:50 – 10:10 a.m. **Unpacking Lipoprotein: A New Frontier in Heart Disease Prevention**
Haitham Khraishah, MD
- 10:10 – 10:30 a.m. **Cardiovascular Complications in Pregnancy** | Eunjung (Esther) Choi, MD, MS
- 10:30 – 10:40 a.m. **Discussion and Audience Q&A**

TRACK THREE: ATHLETICS AND APPS: KEEPING PACE WITH THE MODERN HEART

Moderator: Judith Mackall, MD

10:40 – 11 a.m. **Exercise and Sports Participation for Patients with Inherited Arrhythmia Syndromes**
Rachel Lampert, MD

11 - 11:20 a.m. **Wearable Digital Health Technologies for Monitoring in Cardiovascular Medicine**
Anselma Intini, MD

11:20 – 11:30 a.m. **Discussion and Audience Q&A**

11:30 a.m. – 12:30 p.m. LUNCH BREAK AND EXHIBITS

TRACK FOUR: STRATEGIC INTERVENTIONS IN CARDIOVASCULAR CARE

Moderators: Justin Dunn, MD, MPH and Tarek Hammad, MD

12:30 – 12:40 p.m. **Pulmonary Embolism Response Team (PERT)**
Jun Li, MD

12:40 - 12:50 p.m. **Limb Salvage** | Tarek Hammad, MD

12:50 – 1 p.m. **Structural Intervention for Stroke Prevention**
Clifford Kavinsky, MD, PhD

1 – 1:10 p.m. **Ethyl Alcohol (ETOH) Septal Ablation** | Anene Ukaigwe, MD

1:10 – 1:20 p.m. **Microaxial Flow Pump for STEMI-Related Cardiogenic Shock: A New Direction for Acute Myocardial Infarction**
C. Barton Gillombardo, MD

1:20 – 1:30 p.m. **Discussion and Audience Q&A**

TRACK FIVE: PLASTICS, PERFORMANCE AND PILLOW TALK

Moderator: Sanjay Rajagopalan, MD, MBA

1:30 – 1:45 p.m. **Plastics, Pollution and Cardiometabolic Health**
Rocco Montone, MD, PhD

1:45 – 2 p.m. **Erectile Dysfunction and Cardiovascular Medicine**
Nannan Thirumavalavan, MD

2 – 2:15 p.m. **Sleep Medicine and Cardiology** | Reena Mehra, MD, MS

2:15 – 2:30 p.m. **Discussion and Audience Q&A**

2:30 – 2:35 p.m. **Closing Remarks** | Sanjay Rajagopalan, MD, MBA

FACULTY DISCLOSURE STATEMENT

As an organization accredited by the ACCME, the Case Western Reserve University School of Medicine CME Program requires that the content of CME activities and related materials provide balance, independence, objectivity, and scientific rigor. All faculty, planners, and others in a position to control continuing medical education content are required to disclose all financial relationships with ineligible companies within the past 24 months regardless of the amount and their view of the relevance of the relationship to the education. Ineligible companies are organizations whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. Faculty (authors, presenters, speakers) are encouraged to provide a balanced view of therapeutic options by utilizing either generic names or other options available when utilizing trade names to ensure impartiality.

The Case Western Reserve University School of Medicine CME Program has implemented a mechanism to identify and resolve all conflicts of interest prior to the activity. The intent of this policy is to identify potential conflicts of interest so participants can form their own judgments with full disclosure of the facts. Participants are asked to evaluate whether the speaker's outside interests reflect a possible bias in the planning or presentation of the activity.

This program will be supported by grants from industry. A complete list of supporters will be provided in the syllabus materials distributed at the meeting. Acceptance of funding in support of this program does not constitute endorsement of any product or manufacturer

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Herman K. Hellerstein, MD,
Chair in Cardiovascular Research
University Hospitals Harrington Heart &
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Dariusz Mozaffarian, MD, MPH
Director, Food is Medicine Institute
Tufts University

Fabien Thaveau, MD, PhD
Head of Vascular and Endovascular Surgery
Strasbourg University Hospitals, France

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Hope Barkoukis, PhD, RDN, LD
Chair, Department of Nutrition
Case Western Reserve University School
of Medicine

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Associate Professor, Harvard Medical School
and Beth Israel Deaconess Medical Center

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Cleveland Veterans Affairs Medical Center

Farooq Sheikh, MD
Medical Director, Advanced Heart Failure
Program, MedStar Heart Institute

CONFERENCE FACULTY

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Sarah Budik, MD

Fellow, Vascular Surgery

Teresa Carman, MD

Director, Vascular Medicine

Yulanka Castro-Dominguez, MD*

Associate Chief, Quality

Jane Chung, MD*

Vascular Surgery and Endovascular Therapies

Benjamin Colvard, MD

Vascular Surgery and Endovascular Therapies

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Regional Director, Valve & Structural Heart Disease Center

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Interventional Cardiology

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Medical Director, Advanced Heart Failure and Heart Transplantation
Daniel I. Simon, MD Chair in Cardiovascular Excellence

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Director, Community Cardiovascular Medicine

Karem Harth, MD*

Director, Center for Comprehensive Venous Care

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Fellow, Vascular Surgery

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Co-Director, Center for Integrated and Novel Approaches in Vascular Metabolic Disease

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Director, Integrated Vascular Surgery Residency

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Irving B. and Virginia Spitz Master Clinician in Cardiology

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Director, Quality, Structural Heart

Gordon Wong, MD

Fellow, Endovascular Therapies

William Yoon, MD, PhD

Co-Director, Aortic Disease Center

UNIVERSITY HOSPITALS UROLOGY INSTITUTE SPEAKER

Nannan Thirumavalavan, MD

Chief, Male Reproductive and Sexual Health

**Denotes Planning Committee Members*



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