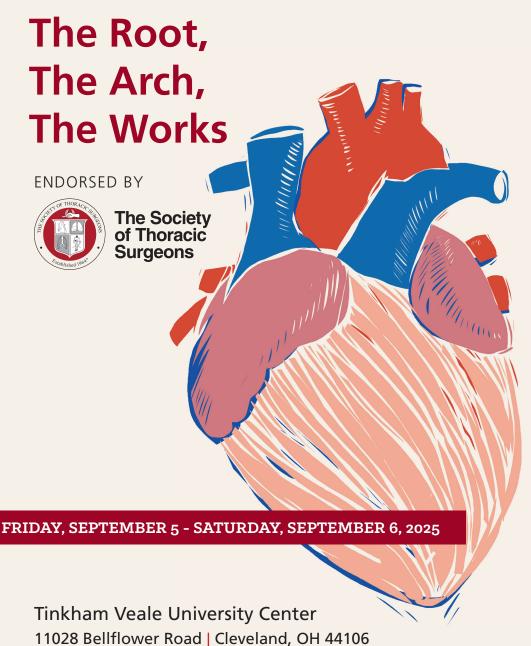
CONTINUING MEDICAL EDUCATION

INAUGURAL CLEVELAND AORTIC SYMPOSIUM:



PRESENTED BY:



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FRIDAY, SEPTEMBER 5: PROGRAM AGENDA

7 – 7:50 a.m. Registration and Continental Breakfast

7:50 – 7:55 a.m. Introductions | Mehdi Shishehbor, DO, MPH, PhD | Joseph Sabik III, MD

7:55 – 8 a.m. Welcome | Yasir Abu-Omar, MD, PhD | Jae Cho, MD

8 – 8:20 a.m. **KEYNOTE**: Aortic Root Surgery: Life-Long Experience

Alan Markowitz, MD

TRACK ONE | AORTIC EVALUATION AND IMAGING

Moderators: Yasir Abu-Omar, MD, PhD | Sanjay Rajagopalan, MD, MBA | Justin Tretter, MD

8:20 – 8:30 a.m. Echocardiography in Evaluation of the Aortic Root

and Aortic Valve | Ellen Sabik, MD | Andres Schuster, MD

8:30 – 8:40 a.m. High-Resolution CT and CTA in Proximal Aortic Evaluation

Sanjay Rajagopalan, MD, MBA

8:40 – 8:50 a.m. 3D CT in Evaluation of Aortic Valve and Aortic Root

Justin Tretter, MD

8:50 – 9 a.m. Cardiac MRI and MRA in Evaluation of the LVOT, Aortic Root

and Proximal Aorta | Imran Rashid, MD, PhD

9 – 9:15 a.m. Discussion and Audience Q&A

TRACK TWO | DEBATE: SMALL AORTIC ROOT - WHAT TO DO AND HOW TO DO IT

Moderators: Yakov Elgudin, MD, PhD | Mohamed Halim, MD, PhD | Hani Najm, MD

9:15 – 9:25 a.m. Nicks and Manouquian are Safe and Effective | Marc Pelletier, MD

9:25 – 9:35 a.m. Yang Approach Should Be the Standard | Kenneth Hassler, DO

9:35 – 9:45 a.m. Bentall Operation is a Great Option | Yakov Elgudin, MD, PhD

9:45 – 9:55 a.m. Konno Procedure: Better Option Yet? | Hani Najm, MD

9:55 - 10:05 a.m. Discussion and Audience Q&A

10:05 – 10:20 a.m. COFFEE & NETWORKING BREAK

TRACK THREE | AORTIC VALVE AND ROOT RECONSTRUCTION

Moderators: Yasir Abu-Omar, MD, PhD | Emmanuel Lansac, MD, PhD | Bartosz Rylski, MD

10:20 – 10:40 a.m. **KEYNOTE**: Aortic Valve Repair: What and How?

Emmanuel Lansac, MD, PhD

10:40 – 10:50 a.m. Bicuspid Aortic Valve Repair | Hani Najm, MD

10:50 – 11 a.m. Management of the Aortic Root in Infective Endocarditis:

Time to Go "Commando?" | Mohamed Halim, MD, PhD

11 – 11:10 a.m. Redo Aortic Root Replacement | Cristian Baeza, MD

11:10 – 11:20 a.m. Aortic Arch Reconstruction for Occlusive Disease of the

Great Vessels | Jae Cho, MD

11:20 – 11:40 a.m. **KEYNOTE:** Aortic Arch Reconstruction: Practical Approach

Bartosz Rylski, MD

11:40 – 11:50 a.m. Developing a State-of-the-Art Ross Procedure Program from A to Z

Yasir Abu-Omar, MD, PhD

11:50 a.m. – 12 p.m. Ross Procedure: The Devil is in the Details | Yakov Elgudin, MD, PhD

12 – 12:10 p.m. Discussion and Audience Q&A

12:10 – 1 p.m. LUNCH, EXHIBITS & NETWORKING

FRIDAY, SEPTEMBER 5: PROGRAM AGENDA

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Moderators: Cristian Baeza, MD | Pedro Catarino, MD | Jae Cho, MD

1 – 1:10 p.m. Endo-Wheat Procedure for Ascending Aortic Aneurysm

Cristian Baeza, MD | William Yoon, MD, PhD

1:10 – 1:20 p.m. Endo-Bentall Procedure | Mehrdad Ghoreishi, MD

1:20 – 1:40 p.m. KEYNOTE: NEXUS System for Aortic Arch Disease | Mario Lachat, MD

1:40 – 1:50 p.m. TEVAR for Aortic Arch Aneurysm | William Yoon, MD, PhD

1:50 – 2 p.m. AMDS for Malperfusion in Acute Aortic Dissection

Fernando Fleischman, MD

2 – 2:10 p.m. ThoraFlex Hybrid Aortic Arch Graft: When and How?

Pedro Catarino, MD

2:10 – 2:30 p.m. **KEYNOTE:** Endovascular Management of the Aortic Arch

Sean Crawford, MD, PhD

2:30 – 2:40 p.m. Complex TEVAR in Management of Aortic Aneurysm

Anthony Lee, MD

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

2:50 – 3 p.m. COFFEE & NETWORKING BREAK

TRACK FIVE | "WHAT WAS I THINKING?" IN AORTIC SURGERY

Moderators: Fernando Fleischman, MD | Joseph Sabik III, MD | William Yoon, MD, PhD

3 – 3:07 p.m. Straightforward Aortic Root Replacement is

Never Straightforward | Mohamed Halim, MD, PhD

3:07 – 3:14 p.m. Aortic Valve Repair: What Could Go Wrong?

Emmanuel Lansac, MD, PhD

3:14 – 3:21 p.m. Aortic Annular Enlargement Can Be Dangerous | Marc Pelletier, MD

3:21 – 3:28 p.m. What Was I Thinking? | Hani Najm, MD

3:28 – 3:35 p.m. What Was I Thinking? | Fernando Fleischman, MD

3:35 – 3:42 p.m. Discussion and Audience Q&A

3:42 – 3:49 p.m. Frozen Elephant Trunk (Thoraflex): Should I Have Done It?

Pedro Catarino, MD

3:49 – 3:56 p.m. Zone 0 TEVAR: Pitfalls to Consider | William Yoon, MD, PhD

3:56 – 4:04 p.m. What Was I Thinking? | Sean Crawford, MD, PhD

4:04 – 4:11 p.m. What Was I Thinking? | Jae Cho, MD

4:11 – 4:18 p.m. What Was I Thinking? | Cristian Baeza, MD

4:18 – 4:25 p.m. What Was I Thinking? | Bartosz Rylski, MD

4:25 – 4:32 p.m. What Was I Thinking? | Mehrdad Ghoreishi, MD

4:32 – 4:39 p.m. Troubles in the Ross Kingdom | Yakov Elgudin, MD, PhD

4:39 – 4:46 p.m. Discussion and Audience Q&A

4:46 – 5 p.m. Closing Remarks | Yasir Abu-Omar, MD, PhD | Jae Cho, MD

5 – 6 p.m. COCKTAILS & NETWORKING

SATURDAY, SEPTEMBER 6: PROGRAM AGENDA

7 – 7:55 a.m. Registration and Continental Breakfast

7:55 – 8 a.m. Introduction and Welcome | Yasir Abu-Omar, MD, PhD | Jae Cho, MD

TRACK SIX | LIFETIME MANAGEMENT OF AORTIC VALVE DISEASE

Moderators: Mehrdad Ghoreishi, MD | Kenneth Hassler, MD | Marc Pelletier, MD

8 – 8:10 a.m. Heart Team Approach | Yasir Abu-Omar, MD, PhD

8:10 – 8:20 a.m. Important Considerations for TAVR Lifetime Management

Guilherme Attizzani, MD

8:20 – 8:30 a.m. TAVR First or SAVR First? | Cristian Baeza, MD

8:30 – 8:40 a.m. Artificial Intelligence in Lifetime Management of Aortic Stenosis

Anene Ukaigwe, MD

8:40 – 8:50 a.m. Surgical Strategies for Facilitating Future TAVR-in-SAVR

Yakov Elgudin, MD, PhD

8:50 – 9:10 a.m. Discussion and Audience Q&A

9:10 – 9:30 a.m. COFFEE & NETWORKING BREAK

TRACK SEVEN I HANDS-ON TRAINING

9:30 – 10:30 a.m. AORTIC ROOT INTERVENTION WET LAB

1. Aortic Root Enlargement: Nicks and Manougian | Marc Pelletier, MD

2. Aortic Root Enlargement: Yang Technique | Kenneth Hassler, MD

3. Aortic Root Enlargement: Konno Aorto-Ventriculoplasty | Hani Najm, MD

4. Ross Procedure | Yakov Elgudin, MD, PhD | Cristian Baeza, MD

5. "Commando" Procedure | Mohamed Halim, MD, PhD

10:30 – 10:50 a.m. COFFEE BREAK & NETWORKING

10:50 – 11:50 a.m. ENDOVASCULAR AORTIC INTERVENTION TRAINING

1. ThoraFlex Frozen Elephant Trunk | Pedro Catarino, MD

2. AMDS | Fernando Fleischman, MD

3. Thoracic Branch Endo-Prosthesis (TBE) | William Yoon, MD, PhD

4. EndoSpan Aortic Arch | Mario Lachat, MD

11:50 a.m. – 12 p.m. Closing Remarks | Joseph Sabik III, MD | Mehdi Shishehbor, DO, MPH, PhD

12 p.m. Adjourn

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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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^{*}Denotes planning committee member

LEARNING OBJECTIVES

- Describe basic aortic root anatomy and physiology
- Interpret details of aortic root evaluation with echocardiography, cardiac CT and MRI
- Review indications and techniques for aortic annulus and aortic root procedures
- Explain indications, techniques and pitfalls of aortic root surgery for infective endocarditis
- Define indications and techniques for aortic valve sparing operations
- Summarize indications and techniques for Ross procedure
- Assess options of endovascular aortic root replacement (Endo-Bentall)
- Compare open, endovascular and hybrid approaches to aortic arch reconstruction
- Apply crucial skills for aortic repair and root enlargement, Ross procedure,
 Konno aorto-ventriculoplasty, endovascular and aortic arch hybrid operations

WHO SHOULD ATTEND

Cardiac surgeons, vascular surgeons, interventional cardiologists, structural heart specialists, cardiovascular imaging specialists, critical care physicians, nurse practitioners, nurses, fellows

FEES

Physicians \$100 Friday, September 5 \$75 Saturday, September 6 \$150 Both days (Sep 5 – 6) APPs/Nurses/Fellows \$50 Friday, September 5 \$35 Saturday, September 6 \$75 Both days (Sep 5 – 6)

ONLINE REGISTRATION

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QUESTIONS?

Email medcme@case.edu

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Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Attendees should claim only the credit commensurate with the extent of their participation in the activity.

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INAUGURAL CLEVELAND AORTIC SYMPOSIUM: The Root, The Arch, The Works

September 5-6, 2025