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**66th Annual World Congress-ICA 2025**

Jointly with the International College of Angiology, Midwest Cardiovascular Research Foundation

# Conference Co-Chairs

**Randall W. Franz, MD, FACS, FICA, RVT, RVPI,** Chairman, Board of Directors, International College of Angiology; Coastal Vascular and Vein Center, Charleston, South Carolina

**Petr Hájek, MD, PhD, FICA,** Member and President, Board of Directors, International College of Angiology; Professor of Medicine, Department of Cardiology, Second Faculty of Medicine, Charles University, Motol University Hospital, Prague, Czech Republic.

**Wei Zhou, MD, FACS, FICA,** Professor of Surgery; Chief, Vascular Surgery, University of Arizona, Tucson, Arizona; Member, Board of Directors and Scientific Committee, International College of Angiology.

**Jürgen Falkensammer, MD, FICA,** Professor, Vascular & Endovascular Surgery, Konventspital der Barmherzigen Brueder Linz, Linz, Austria

**Frank Manetta, MD, FICA,** Northwell Health, North Shore University Hospital, Manhasset, New York

# Chand Ramaiah, MD, FICA, Vice Chair, Department of Cardiac Sciences, Ascension Saint Thomas Heart Valve and Structural Heart Center, Nashville, Tennessee; Vice President, Scientific Council, International College of Angiology

# Conference Management

**Denise M. Rossignol,** **BS,** Executive Director, International College of Angiology, Jay, VT

# Faculty

**Amit Arbune, MD, MHA**, Lexington, Kentucky

**John A. Elefteriades, MD, PhD(Hon), FICA,** New Haven, Connecticut

**David Epstein, MD, FICA,** Columbus, Ohio

**Randall W. Franz, MD, FACS, FICA, RVT, RVPI,** Charleston, South Carolina

**James J. Glazier, MD, FACC, FICA,** Detroit, Michigan

**Petr Hájek, MD, PhD, FICA,** Prague, Czech, Republic

**Arber Kodra, MD, FACC, FACSI, FICA,** New York, New York

**Tessa London-Bounds, MD, MPH,** Lexington, Kentucky

**Frank Manetta, MD, FICA,** Manhasset, New York

**Hetal D. Patel, MD, MBA, FACS,** Jackson, Tennessee

**Chandrasekar Ramaiah, MD, FICA,** Nashville, Tennessee

**Sibu S. Saha, MD, MBA, FICA,** Lexington, Kentucky

**Nicolas W. Shammas, MD, MS, FICA,** Davenport, Iowa

**Tahir Tak, MD, FICA,** Las Vegas, Nevada

**Michael Winkler, MD, MSCCT, FACC, FICA,** Atlanta, Georgia

# Junior Faculty

**Dominic James Armagno, BS,** Lexington, Kentucky

# Robert Holt Hammonds, BS, Lexington, Kentucky

**Roxana Ponce, BS,** Bowling Green, Kentucky

# Abstract Reviewers

**Randall W. Franz, MD, FACS, FICA, RVT, RVPI,**

**Jürgen Falkensammer, MD, FICA,** Linz, Austria

**Frank Manetta, MD, FACS, FICA,** Manhasset, New York

**Chand Ramaiah, MD, FICA,** Nashville, Tennessee

# Course Overview

The 66th Annual World Congress of the ICA is a multidisciplinary conference for general cardiologists, cardiovascular and thoracic surgeons, radiologists, endovascular specialists, primary care providers, podiatrists, wound care providers, nurse practitioners, physician assistants, general and family medicine and cardiovascular nurses, technicians and providers-in-training (fellows, residents, medical students, NP/PA, APP’s and students) sponsored by the International College of Angiology jointly with the Northwell Health Continuing Medical Education. This symposium is designed to give a comprehensive update in various aspects of cardiovascular diseases including coronary, structural, peripheral, electrophysiology, AI in Cardiac Surgery, imaging, vascular, general, thoracic and cardiovascular surgery, interventional radiology, neurology/neurosurgery/neuroradiology and vascular biology. An international invited faculty will provide attendees with state-of-the-art knowledge and practical tips useful in daily practice. All registrants will attend the Scientific Sessions held on Thursday, October 9th to Saturday, October 11th, 2025, at the Loew’s Vanderbilt Hotel, 2100 West End Avenue, Nashville, Tennessee 37203.

# General Information

**Symposium Format**

An invited distinguished international faculty will conduct a three-da program that includes didactic, up-to-date information on the current status and the future direction of cardiovascular medicine and surgery. Question & Answer (Q & A) sessions will allow interactive discussions with multiple experts.

**Target Audience**

The symposium is multidisciplinary and will be of interest to general cardiologists, cardiovascular and thoracic surgeons, interventional cardiologists and radiologists, vascular and endovascular specialists, primary care providers, podiatrists, wound care providers, nurse practitioners, physician assistants, perfusionists, family medicine and internal medicine and cardiovascular nurses, technicians and providers-in-training (fellows, residents, medical students, NP/PA, APP’s and students).

**Learning Objectives**

The scientific sessions will provide attendees with the opportunity to learn about many new aspects of interventional and general cardiology, cardiovascular and vascular surgery, imaging, AI, robotics and cardiac surgery, structural heart issues, valvular heart disease, cardiac oncology, vascular and endovascular surgery, trends in mitral valve surgery, and the role of APP’s in hospital practice.

All presentations have a purpose while providing a balanced view of diagnostic and therapeutic options followed by constructive debate. These objectives are achieved through nationally and internationally recognized invited guest lecturers, special symposia, oral and poster presentations, highlighting the most challenging and controversial topics and procedures performed in interventional medicine.

## Disclaimer

The information provided at this CME activity is for continuing education purposes only, and not meant to substitute for independent medical judgment of a physician relative to diagnostic treatment options of a specific patient’s medical condition.

## Accreditation/CME and CE Credit

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Iowa Medical Society (IMS) through the sponsorship of the Midwest Cardiovascular Research Foundation. The Midwest Cardiovascular Research Foundation is accredited by the IMS to provide continuing medical education for physicians.

**Credit Designations**

Physicians: The Midwest Cardiovascular Research Foundation designates this *live* activity for a maximum of \_\_\_\_ AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

All Others: You may be eligible for up to \_\_\_\_\_\_\_ contact hours. Please refer to your administrative guidelines.

**Disclosure Policy**

The International College of Angiology (ICA) adheres to the ACCME’s Standards for Integrity and Independence in Accredited Continuing Education. Any individual in a position to control the content of a CME-CE activity, including faculty, planners, reviewers or others, are required to disclose all financial relationships with ineligible companies. All relevant financial relations will be mitigated prior to the commencement of the activity.

**Conflict of Interest**

The International College of Angiology (ICA) receives educational grants from several pharmaceutical and device companies. The ICA mitigates these COI by a thorough review of the content of all slides presented with a focus on avoiding commercial bias and non-promotional content. Discussion of non-approved products for the indications discussed will be announced by the speaker during or at the start of his or her lecture.

All speakers will be required to complete a Conflict of Interest form and attendees are required to present their conflict of interest to all attendees.

**Abstracts and Interesting Cases**

You are invited to submit your abstracts of your interesting cases to 66th Annual World Congress – ICA 2025. Abstracts will be presented in **electronic** poster format. The best 25 abstracts will be presented orally (each 10 minutes followed by 5 minutes discussion). Abstracts will be submitted online: <https://www.intlcollegeofangiology.org/online-abstract-submission-form.html>

All authors will be notified by email about the acceptance of their abstracts for an oral or poster presentation. Early submission deadline for abstracts is March 15, 2025 by midnight. Notification of acceptance or rejection will be completed no later than March 31, 2025.

 **Young Investigator’s Award Competition**

If you are a resident or fellow in a training program, consider applying for our Young Investigator Award Competition.

The purpose of this competition is to encourage young physicians, research fellows and trainees to engage in high quality research, which forms the basis for future achievement in the pathophysiology of disease, diagnosis and treatment. The Scientific Committee will judge entries on originality, innovativeness, scientific merit, presentation, and relevance. The finalist will deliver a 15-minute oral presentation. The International College of Angiology reserves the right to publish the prize-winning manuscript in the International Journal of Angiology. The winner(s) will be given a cash award in the amount of USD $1000 and one-year Associate Membership in the International College of Angiology. There are three (3) awards – medical, surgical and basic research. The deadline for submission of an

abstract for this award is March 15, 2025. Abstracts will be submitted online as noted above. Please see our online guidelines for requirements and submission procedure at:

<https://www.intlcollegeofangiology.org/abstracts-and-interesting-cases.html>

Previous recipients of a Young Investigator Award will be ineligible.

**Requirements**

* Applicant’s academic rank cannot be higher than Associate Professor or Lecturer, and must not have held this position for more than 3 years.
* The scientific work is mainly the result of the applicant’s effort.
* Materials must be original, unpublished, and not previously presented.
* Only one (1) submission per author will be considered. The candidate must be the sole or first author, and must be present at the Award Ceremony to receive the award.
* The submission must be accompanied by certification from the candidate’s Head of the Division that the candidate executed the work, that the candidate’s academic rank is not higher than Associate Professor or Lecturer, and length of time in this position.
* Any finalist who cannot personally present their work will be ineligible for the award.

**Special Assistance**

The International College of Angiology wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids or services identified in the Americans with Disabilities Act. Please contact us of your needs.

**ICA 2025**

Please take time to visit the companies that help make this 66th Annual World Congress - ICA 2025 a reality. Best visiting times are during morning breakfasts and breaks. Exhibit hours will start from Thursday, October 9th at 7:00 am through 1:30 pm each day through Saturday, October 11th.

**Registration Fees**

**The registration fee schedule outlined below** for attendees of the 66th Annual World Congress of the International College of Angiology. Registration is personal and non-transferable.

**ICA Registration Fee Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PARTICIPATION FEES**  | **Early Bird Fee****Prior to** **15 March 2025** | **15 March – 15 June 2025** | **15 June – 1 August 2025** | **After 1 August 2025** |
| **Entire Congress** |
| ICA Fellows/Members  | USD $475 | USD $575 | USD $675 | USD $775 |
| Non-Fellows/Members  | USD $550 | USD $650 | USD $750 | USD $850 |
| Fellows/Residents/Trainees-Members | Free | Free | Free | Free |
| Fellows/Residents/Trainees-Non-Members\* | USD $75 | USD $100 | USD $125 | USD $150 |
| Perfusionist/RN, LPN/PA, RVT/Advance Practice Professional-Members | USD $200 | USD $250 | USD $300 | USD $350 |
| Perfusionist/RN, LPN/PA, RVT/Advance Practice Professional-Non-Members | USD $250 | USD $300 | USD $350 | USD $400 |
| Student-ICA Member\*  | Free | Free | Free | Free |
| Student-Non-ICA Member\* | USD $50 | USD $75 | USD $100 | USD $125 |

**\*Requires a letter from the University and the submission of a valid student ID card. All registration fees paid with a credit card will be charged a 3.5% processing fee and nominal transfer fee. All registration fees are personal and non-transferable.**

##  ICA Registration Cancellation Policy

A written request must be received no later than **15 June 2025, less a USD $75 administrative fee.**  There will be a **50% processing fee** for all cancellations received **after 15 June 2025 and before 1 August 2025. Fees are non-refundable after 1 August 2025.**

**How to Register**

Registration is via ICA’s website: [https://www.intlcollegeofangiology.org/online-registration.html,](https://www.intlcollegeofangiology.org/online-registration.html) or by downloading our registration form and emailing it to:

**International College of Angiology:**

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**Preliminary Program at a Glance**

**Thursday, October 9, 2025**

**Management of Venous & Peripheral Arterial Disease and Interventions**

*Moderators: TBA*

* **Advances in Lower Limb Peripheral Arterial Disease & Revascularization**
* **Arterial Thrombus Management with Computer-Assisted Vacuum Thrombectomy (CAVT)**
* **Management of Chronic Limb-Threatening Ischemia-A Global Issue**
* **Diagnosis & Testing of PAD**
* **PAD Techniques and Technology**
* **Managing Severe Calcium in Peripheral Arterial Intervention—Status and Future Directions:** Nicolas W. Shammas, MD, MS, FICA, Davenport, Iowa
* **PAD Challenges**
* **PAD & Endovascular Interventions-Predicting Outcomes following Endovascular Intervention**
* **PAD Related Risk Amplifiers**
* **Advances in Venous Management**
* **Innovations in DVT & PE Treatments – Devices & Techniques**
* **Vascular Graft Infection – The Silent Epidemic**
* **Contemporary Outcomes of Endovascular Revascularization of Acute Lower Limb Ischemia**
* **Advances in Vascular Imaging & Diagnosis**
* **The Role of Intravascular Ultrasound in Peripheral Arterial Intervention:** Nicolas W. Shammas, MD, MS, FICA, Davenport, Iowa
* **Controversies in Venous Disease Management**
* **Anti-Thrombotic Therapy in Vascular Diseases**

**AI, Robotics and Cardiac Surgery-New Technologies**

* **AI and Cardiac Surgery-Present and Future Considerations**
* **Legal and Ethical Issues of AI in Healthcare Delivery**
* **Advances in Aortic Arch Surgery – From AI to Temperature**
* **AI vs Reality**
* **Advances in Robotic Surgery – Hope or Hype?**
* **Clinical Automation and Robotics in Cardiac Surgery**
* **Robotic Coronary Artery Bypass Grafting**
* **The Heart Team in Coronary Artery Disease & Acute Aortic Syndromes**
* **Revolutions in Cardiac Surgery**
* **Computed Tomographic Angiography for Patients Supported with Venoarterial ECMO-Theory, Logistics, Performance and Interpretation:** Michael Winkler, MD, MSCCT, FACC, FICA, Professor of Radiology and Imaging Sciences, Section of Cardiothoracic Imaging Sciences, Emory University Hospital, Atlanta, Georgia.
* **A New Era for Surgical Afib Patients**
* **Aortic Disease and Transcatheter MVR**
* **Hybrid Technologies**
* **New Frontiers in Mitral Valve Replacement**

**Preliminary Program at a Glance**

**Friday, October 10, 2025**

**Cardiovascular and Valvular Issues, Heart Failure and Afib**

*Moderators: TBA*

* **Hypertension in the Elderly-An Update:** James J. Glazier, MD, FRCP, FACC, FICA, Professor of Medicine, Wayne State University, Detroit, Michigan
* **Angina with Non-Obstructive Coronary Artery Disease and its Invasive Diagnosis:** Petr Hájek, MD, PhD, FICA, Prague, Czech Republic
* **Managing Risks in Heart Failure**
* **Acute Heart Failure – Management**
* **Aortic Stenosis, Heart Failure, and Aortic Valve Replacement**
* **Treating the Patient with Acute Heart Failure and Afib**
* **Aortic Stenosis, Heart Failure and Aortic Valve Replacement**
* **Predictors of Cardiovascular Events in Patients with Congestive Heart Failure**
* **Transcatheter vs. Surgical Mitral Valve Repair in Patients with Heart Failure**
* **What’s New in Cardiology-Chronic Coronary Disease**
* **The Interdisciplinary Role of an Anesthesiologist in Percutaneous Valve Procedures in the Cath Lab**
* **Radiation Induced Aortic Stenosis**

**Structural Heart Issues**

* **Structural Heart Innovations**
* **Modern Treatment Strategies for Afib**
* **Afib-Stroke Prevention & Symptom Control-A Global & Major Health Crisis**
* **Afib-A Growing Coronary Risk**
* **Evolving Treatment Options**
* **Afib-Fine Tuning Treatments**
* **Managing Inflammatory Disease-Targeting Inflammation in Acute Myocardial Ischemia**
* **The Role of Cardiac MRI in Patients with Acute Myocardial Ischemia**

**Cardiac Oncology**

* **Landscape of Cardio-Oncology: The Past, Present and Future:** Amit Arbune, MD, MHA, Assistant Professor of Medicine, Director, Cardio-Oncology Program, Internal Medicine-Cardiology, Gill Heart & Vascular Institute, Lexington, Kentucky
* **Management and Treatment of Radiation in Heart Disease**
* **New Technologies to Reduce Radiation in Heart Disease**
* **Advancing Cardiovascular Care in the Oncology Patient**
* **Living With and Beyond Cancer-Emerging Strategies & Best Practices in Cardiovascular and Cancer Care Patients**
* **Cancer Care to Cardiac Safety**

**Preliminary Program at a Glance**

**Friday, October 10, 2025**

**Updates in Vascular & Endovascular Surgery**

* **Reducing Radiation Dose in Endovascular Aortic Procedures**
* **New Technologies in Vascular Surgery – AI in Vascular Care**
* **Multidisciplinary Approach to Stroke Prevention and Treatment**
* **Carotid and Acute Stroke**
* **Current Trends and Future Challenges in Vascular Surgery**
* **Emergent Setting of Vascular Diseases-Traumas, Acute Thrombosis, Aneurysm Ruptures-Protocols and Surgical Approaches**
* **Future Prospectives on the Clinical, Biochemical, and Surgical Approach to the Vascular Patient**

**Saturday, October 11, 2025**

**Allied Practice Professional’s Session**

* **Cutting Edge Research in Cardiac Assist Devices & Perfusion Techniques**
* **Cardiopulmonary Bypass:** Jill Manetta, Northwell Health, Manhasset, New York
* **New Technologies in the Perfusion Profession**
* **The Value of PA’s in Cardiac Surgery:** Dr. Virginia Valentin
* **The Role of APP’s in Hospital Practice**: Paula Works, UK Healthcare, Lexington, Kentucky
* **The Changing Landscape for APP’s**
* **Cardiovascular Events after Major Orthopedic Surgery:** Darius Morehead, PA-C
* **The Role of a PA in Organ Procurement:** Anitha Chandrasekharan

**Rapid Fire Presentations (7 minutes, Discussion 3 minutes)**

**Miniseries**

* **Atrial fibrillation by Anesthesiologist Group, UK Healthcare (3 to 5 speakers)**
* **Challenging Cases & Complications**

**Fellows, Residents & Students Young Investigator Presentations**

* **AFib after CABG—A Single Center Experience:** Dominic James Armagno, BS, University of Kentucky College of Medicine, Lexington, Kentucky
* **Stroke after CABG—A Single Center Experience**: Roxana Ponce, BS, University of Kentucky College of Medicine, Bowling Green Campus, Bowling Green, Kentucky.
* **Contemporary Use of ECMO for Management of High-Risk Pulmonary Embolism:** Robert Holt Hammonds, BS, University of Kentucky College of Medicine, Lexington, Kentucky.
* **Tumors of the Heart**
* **ECMO to Rescue Post-Cardiotomy** **Shock**