



66th Annual World Congress – ICA 2025 International College of Angiology

Provided by
ICA and Midwest Cardiovascular Research Foundation



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**Loews Vanderbilt Hotel Nashville
Nashville, Tennessee
October 9-11, 2025**

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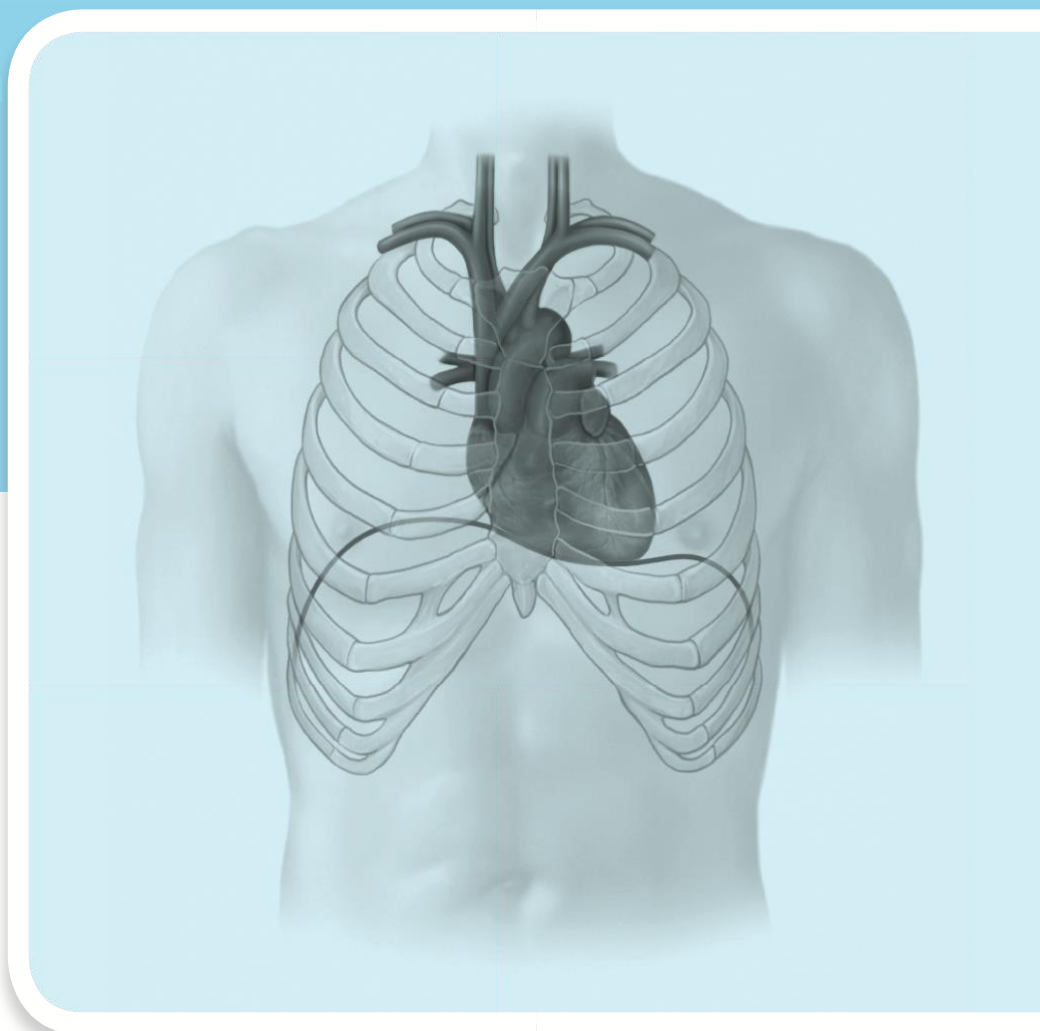
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66th Annual World Congress • ICA 2025

International College of Angiology

Loews Vanderbilt Hotel Nashville • Nashville, Tennessee • October 9-11, 2025

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International Journal of Angiology

*Official Journal of the International College of Angiology
An Official Publication of the International College of Surgeons
An Official Publication of the Asian Society for Vascular Surgery*

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Robert I. Hacker, MD, FACS, FSVS, RVT, RPVI, Founding Member, CEO and Board of Directors, St. Louis Vascular Surgical Specialists, PC, St. Louis, Missouri; Medical Director, Vascular Surgical Services, St. Vincent Hospital, St. Louis Missouri; Medical Director, Vascular Ultrasound Lab and Section Chief, Vascular Surgery, St. Charles Hospital, St. Louis, Missouri

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International College of Angiology

Founding Fathers and Past Congresses

The founding fathers of the International College of Angiology were Dr. Saul Simon Samuels and Dr. Rene LeRiche. It was Dr. Saul Samuels who in 1942 coined the name “Angiology” from the Greek words meaning the “science of the blood vessels.” The International College of Angiology was organized and chartered in 1958, in order to encourage, support, and facilitate research and education in vascular diseases. It was the founding fathers of the International College of Angiology that have made our society unique, in that it integrates the discipline, knowledge, and skills of several specialties, which treat the many faceted illnesses that result from disorders of the vascular system.

Year		Venue
1958	1 st Annual Meeting	Atlantic City, New Jersey
1959	2 nd Annual Meeting	Mexico City, Mexico
1960	3 rd Annual Meeting	
1961	4 th Annual Meeting	
1962	5 th Annual Meeting	Las Vegas, Nevada
1963	Caribbean Conference on Angiology	San Juan, Puerto Rico
1964	6 th Annual Meeting	
1965	7 th Annual Meeting	London, England
1966	8 th Annual Meeting	Madrid, Spain
1967	9 th Annual Meeting	Las Vegas, Nevada
1968	10 th Annual Meeting	Geneva, Switzerland
1969	11 th Annual Meeting	Rome, Italy
1970	12 th Annual Meeting	Dublin, Ireland
1971	13 th Annual Meeting	Copenhagen, Denmark
1972	14 th Annual Meeting	London, England
1973	15 th Annual Meeting	Lisbon, Portugal
1974	French Scientific Congress	Paris, France
1974	16 th Annual Meeting	Montreal, Canada
1975	17 th Annual Meeting	Herzalia, Israel
1976	18 th Annual Meeting	Tucson, Arizona
1977	19 th Annual Meeting	Dublin, Ireland
1978	20 th Annual Meeting	Marbella, Spain
1979	21 st Annual Meeting	St. Louis, Missouri
1980	22 nd Annual Meeting	Vienna, Austria
1981	23 rd Annual Meeting: Part I	Zurich, Switzerland
1981	23 rd Annual Meeting: Part II	Lisbon, Portugal
1982	24 th Annual Meeting	Antwerp, Belgium
1983	25 th Annual Meeting	Killarney, Ireland
1984	26 th Annual Meeting	San Antonio, Texas
1985	27 th Annual Meeting	Hilton Head, South Carolina
1986	28 th Annual Meeting	Nice, France
1987	29 th Annual Meeting	Montreux, Switzerland
1988	30 th Annual Meeting	Amsterdam, The Netherlands
1989	31 st Annual Meeting	Rome, Italy
1990	32 nd Annual Meeting	Toronto, Canada
1991	33 rd Annual Meeting	Singapore
1992	34 th Annual Congress	Budapest, Hungary
1993	35 th World Congress	Copenhagen, Denmark
1994	36 th World Congress	New York, New York
1995	37 th World Congress	Helsinki, Finland
1996	38 th World Congress	Cologne, Germany
1997	39 th Annual World Congress	Istanbul, Turkey
1998	40 th Annual World Congress	Lisbon, Portugal
1999	41 st Annual World Congress	Sapporo, Japan
2000	42 nd Annual World Congress	San Diego, California
2001	43 rd Annual World Congress	Berlin, Germany
2002	44 th Annual World Congress	New York, New York
2003	45 th Annual World Congress	Indianapolis, Indiana
2004	46 th Annual World Congress	Lexington, Kentucky
2005	47 th Annual World Congress	Uncasville, Connecticut
2006	48 th Annual World Congress	Charlotte, North Carolina
2007	49 th Annual World Congress	Vancouver, Canada
2008	50 th Golden Anniversary Congress	Tokyo, Japan
2009	51 st Annual World Congress	Beijing, China
2010	52 nd Annual World Congress	Lexington, Kentucky
2011	53 rd Annual World Congress	Bali, Indonesia
2012	54 th Annual World Congress	Innsbruck, Austria
2013	55 th Annual World Congress	New Haven, Connecticut
2014	56 th Annual World Congress	Columbus, Ohio
2015	57 th Annual World Congress	Jakarta, Indonesia
2016	58 th Annual World Congress	Prague, Czech Republic
2017	59 th Annual World Congress	Vienna, Austria
2018	60 th Anniversary World Congress	Tokyo, Japan
2019	61 st Annual World Congress	Columbus, Ohio
2020	62 nd Annual World Congress	Vienna, Austria
2022	63 rd Annual World Congress	Wading River, New York
2023	64 th Annual World Congress	Davenport, Iowa
2024	65 th Annual World Congress	Maui, Hawaii



Course Overview

The 66th Annual World Congress of the ICA is a multidisciplinary conference for general cardiologists, vascular surgeons, cardiovascular and thoracic surgeons, radiologists, endovascular specialists, primary care providers, podiatrists, wound care providers, nurse practitioners, physicians assistants, general and family medicine and cardiovascular nurses, technicians, allied practice professionals, providers-in-training (fellows, residents, medical students, APP students) sponsored by the International College of Angiology and the Midwest Cardiovascular Research Foundation. This symposium is designed to give a comprehensive update to 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 faculty will provide attendees with state-of-the-art knowledge and practical tips useful in daily practice.

General Information

Symposium Format

An invited distinguished international faculty will conduct a three (3) half-day program that includes didactic, up-to-date information on the current status, and 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.

Thursday, October 9, 2025

- Discuss the prevalence, causes and preventative measures of burnout among care providers.
- Discuss the current status and future directions of managing severe calcium in peripheral arterial interventions.
- Review the predictions and outcomes following endovascular intervention for peripheral arterial disease.
- Discuss peripheral arterial disease related risk amplifiers.
- Explain the use of self-expanding stents for the treatment of iliac vein compression, freedom from target lesion revascularization and loss of patency at 5-year follow-up and with continued significant improvement in edema and ulcer healing.
- Determine the association of Protein S deficiency with recurrent venous thromboembolism and the important of long-term anticoagulation.
- Determine the prevalence of hyperhomocysteinemia in patients with venous thromboembolism and evaluate associated clinical factors.
- Explore the feasibility of an exercise-based, lifestyle intervention in the treatment and recurrence-prevention for people with venous leg ulcers.
- Review the historical perspectives of coronary artery bypass surgery.
- Discuss the use of robot assist for minimally invasive coronary artery bypass surgery.
- Review the use of multi-arterial revascularization for coronary artery bypass grafting, and how we can improve. Discuss the blood test for thoracic aortic aneurysms.
- Examine key points for practitioners in the genetics of aortic aneurysm disease.
- Review the results of whether age of drug administration and consistency of use affected aortic growth and survival in mice with Marfan syndrome, and the mechanism of action for angiotensin receptor blockers benefit in Marfan syndrome-associated aortopathy.
- Discuss the newer advances in the treatment guidelines for aortic aneurysms.

Thursday, October 9, 2025 (Continued)

- Present a logistics-first CTA approach for VA-ECMO that produces diagnostic studies in a single trip while minimizing transport risk and show how the same playbook generalizes to VV-ECMO and RVAD-oxygenator patients.
- Review the advances in the management of mitral and tricuspid valvular disease.
- Review and discuss the role of the multidisciplinary endocarditis team (MDET) in the treatment of tricuspid endocarditis.
- Evaluate the surgical and percutaneous modalities for treating this disease including angiovac, delayed surgical treatment with replacement, staged surgical approach with valvotomy followed by replacement, valve options available including those in trial, and medical management of physiologic changes caused by tricuspid endocarditis as well as psychological treatment of underlying addiction.
- Examine the history of mitral valve surgery and review current practices and their impact on patient outcomes

Friday, October 10, 2025

- Discuss how to Improve management of hypertension in the elderly.
- Review the protocol for comprehensive microcirculation evaluation with practical demonstrations of each endotype and suggestions for therapeutic approaches in individual cases.
- Evaluate the peri-operative management and long-term outcomes for lung transplantation recipients.
- Discuss the use of epicardial mapping in stand-alone surgery for atrial fibrillation.
- Discuss a unique approach for electroanatomic mapping and ablation in a series of patients with long-standing persistent atrial fibrillation and the use of epicardial access and ablation using unilateral left-sided robotic assisted video-assisted thoracoscopic surgical approach. Discuss the use of electroanatomic mapping using a high-density mapping catheter prior to and following epicardial ablation.
- Review and discuss the mid-term results for robotic assisted epicardial ablation for atrial fibrillation.
- Highlight unexpected intraoperative findings and discuss how to plan on the fly coronary artery bypass grafting to only critical vessels, and adapt repair to the patient.
- Evaluate whether invasive hemodynamic monitoring improved in-hospital mortality in patients with acute myocardial infarction-related cardiogenic shock.
- Review of a pilot study using a revolutionary device for endovascular aortic root repair of abdominal aortic aneurysms.
- Discuss the use of ketamine to reduce opiate use and pain scores in patients receiving low dose naloxone for spinal cord protection during thoracoabdominal aneurysm repair.
- Discuss the treatment of peripheral vascular disease via percutaneous brachial access.
- Discuss a comprehensive review of upper extremity vascular trauma.
- Discuss the use of transcatheter arterialization of deep veins (TADV).
- Review blunt thoracic aorta injury (BTAI) in an endovascular era
- Review the endovascular management of aortic aneurysms with severe neck angulation and/or iliac artery tortuosity using multiple stiff wire techniques.
- Discuss outcomes of endovascular repair of acute type B aortic dissection in a tertiary center.
- Highlight unexpected intraoperative findings in Type A dissection. The ability to plan on the fly and CABG to only critical vessels. Adapt repair to patient.
- Evaluate the prevalence of venous compression in patients with dysautonomia-like symptoms and access outcomes following endovascular intervention.

Saturday, October 11, 2025

- Provide access to home INR anticoagulation monitoring to Medicaid patients.
- Present supporting evidence that home INR management is cost effective, safe, and improves outcomes and increases patient satisfaction.
- Provide a foundational understanding of the cardiothoracic and vascular PA workforce. Describe at two time points the demographics and geographic distribution of PA's specializing in CT and vascular surgery comparing to all other PA's employed in the United States, and to open a dialogue for future research into the surgery workforce needs.
- Discuss the role of advanced practice providers in academic medical centers including challenges and opportunities.
- Discuss the relationship between deep vein thrombosis prophylaxis and cardiovascular adverse events after major orthopedic surgery, the relationship between Charlson Comorbidity/Elixhauser Index score and cardiovascular events after major orthopedic surgery, and the relationship between comorbidity indices and sepsis risk after major orthopedic surgery.
- Discuss the use of dual antiplatelet therapy after PCI.
- Explain TAVR for specific patient populations.
- Review the Incidence of post-TAVR stroke.
- Discuss the use of mechanical support in high-risk PCI patients.

Saturday, October 11, 2025 (Continued)

- Review the management of large bore access during TAVR.
- Discuss and review the minimalist TAVR and techniques to increase the efficacy of TAVR procedures.
- Review the use of percutaneous left atrial appendage closure in patients with atrial fibrillation.
- Analyze the impact of post-operative atrial fibrillation on patient outcomes following CABG, including increased rates of complications and prolonged hospitalization/ICU stay.
- Discuss the importance of monitoring and targeted intervention for atrial fibrillation after CABG.
- Discuss the observations of stroke incidence after CABG.
- Discuss the careful assessment and management of the different pre-operative, intra-operative, and post-operative factors and the need to implement them to reduce complications after CABG.
- Discuss the clinical outcomes such as discharge status, post-operative condition, and length of survival after procedures and the similarities from referral centers for such conditions.
- Update the knowledge of the contemporary practice management of tumors of the heart.
- Discuss in detail single-center experiences with ECMO in high-risk PE patients. The use of ECMO in high-risk PE patients due to its usefulness in providing circulation support and acting as a bridge to catheter-directed or surgical therapies.
- Discuss the use of ECMO to provide hemodynamic support.
- Evaluate the impact of elective Impella 5.5 support on post-operative outcomes in patients undergoing CABG with ischemic cardiomyopathy and decreased left ventricular ejection fraction.
- Determine the risk factors, clinical significance, prevention, and treatment strategies of post-operative atrial fibrillation
- Demonstrate workup of a patient with previous aortic valve/root intervention.
- Discuss of valve-in-valve TAVR and the effect of the initial valve placement and the alternative access TAVR options.
- Identify early signs and symptoms of Paget-Schroetter Syndrome (PSS).
- Identify rare causes of PSS such as shoulder dystocia during delivery and the management and post-operative care of the PSS patient.
- Discuss a rare case of anterior tibial artery pseudoaneurysm with AV fistula treated successfully using a covered stent graft and discuss the technical considerations and outcomes of endovascular repair in peripheral arteries.
- Discuss the incidence of deep venous thrombosis (DVT), and outcomes in patients with chronic heart failure in a retrospective setting.
- Discuss a case of recurrent thrombotic events in a young male with end-stage renal failure secondary to IgA nephropathy, highlighting the complex interplay between renal dysfunction, Hyperhomocysteinemia, and thrombosis.
- Discuss the management options in patients with acute venous thrombosis and active bleeding, the pros and cons of inferior vena cava filter insertion, and the retrieval time horizon in challenging circumstances.

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.

Conflict of Interest

The International College of Angiology conducts 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 state of his/her lecture. All speakers have completed a Conflict-of-Interest form, and speakers are required to present their conflict of interest to all attendees.

Accreditation

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.

The Midwest Cardiovascular Research Foundation designates this live activity for a maximum of 16.5 hours AMA PRA Category 1 Credits™. Physicians should claim only credits commensurate with the extent of their participation in the activity.

All others: You may be eligible for up to 16.5 contact hours. Please refer to your administrative guidelines.

Disclosure Policy

The International College of Angiology 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 relationships have been mitigated prior to the commencement of this activity.

General Program Information

Name Badges

Please obtain your Congress name badge and all congress materials at the ICA Registration Desk located in **LYRIC FOYER** on the **LOBBY LEVEL** of the Loews Vanderbilt Hotel Nashville. We ask that you wear your name badge at all group sponsored functions. It will help you get acquainted with your colleagues.

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 with your special 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.

Venue

Lowes Vanderbilt Hotel - Nashville

2100 West End Avenue
Nashville, Tennessee 37203
Tel. +1.615.320.1700

The official hotel and venue in "*Music City*" for our 66th Annual World Congress is the **Loews Vanderbilt Hotel Nashville**, located across from Vanderbilt University, just off the path of legendary music venues and honky-tonks, and minutes from Nashville's renowned attractions.

Nashville has been called a "little big city," and for good reason. While we're proud of the world-famous music scene that put us on the map—and continues to draw music superstars from all over the world every day of the year—while retaining happy to retain the small-town feel that gives our city its unique charm.

A variety of experiences await you in Nashville. Quite simply, there's something for everyone. From sightseeing to concerts to historical attractions, Loews Nashville Hotel at Vanderbilt Plaza is in the middle of it all. So, dust off your boots (if you've got them) and experience the excitement of *Music City*.

Conveniently located, Loews Nashville Hotel at Vanderbilt Plaza, the staff has great insider tips for you to make your stay in *Music City* truly memorable. So don't hesitate to contact the concierge for the weekly Nashville guide—My Nashville—with the latest information on daily Nashville activities and events.

Smoking Policy

We kindly ask that smoking not occur in any areas of the Hotel to include guest rooms, suites, public areas, restaurants and meeting/function rooms. A designated smoking area is available outside of the hotel.

Registration

The registration desk for the duration of the congress will be located **LYRIC FOYER** on the **LOBBY LEVEL** of the Loews Vanderbilt Hotel. **PLEASE REFER TO THE FLOOR PLAN BELOW FOR REGISTRATION AREA AND MEETING ROOMS.**

ALL CONGRESS REGISTRANTS ARE REQUIRED TO SIGN-IN DAILY

Thursday, October 9 th	7:00 am – 1:30 pm
Friday, October 10 th	7:00 am – 1:30 pm
Saturday, October 11 th	7:00 am – 1:30 pm

Scientific Sessions

Please refer to the "**Program Agenda At-A-Glance**" for program agenda. **ALL SCIENTIFIC SESSIONS will be held in the LYRIC ROOM located on the LOBBY LEVEL of the Loews Vanderbilt Hotel.**

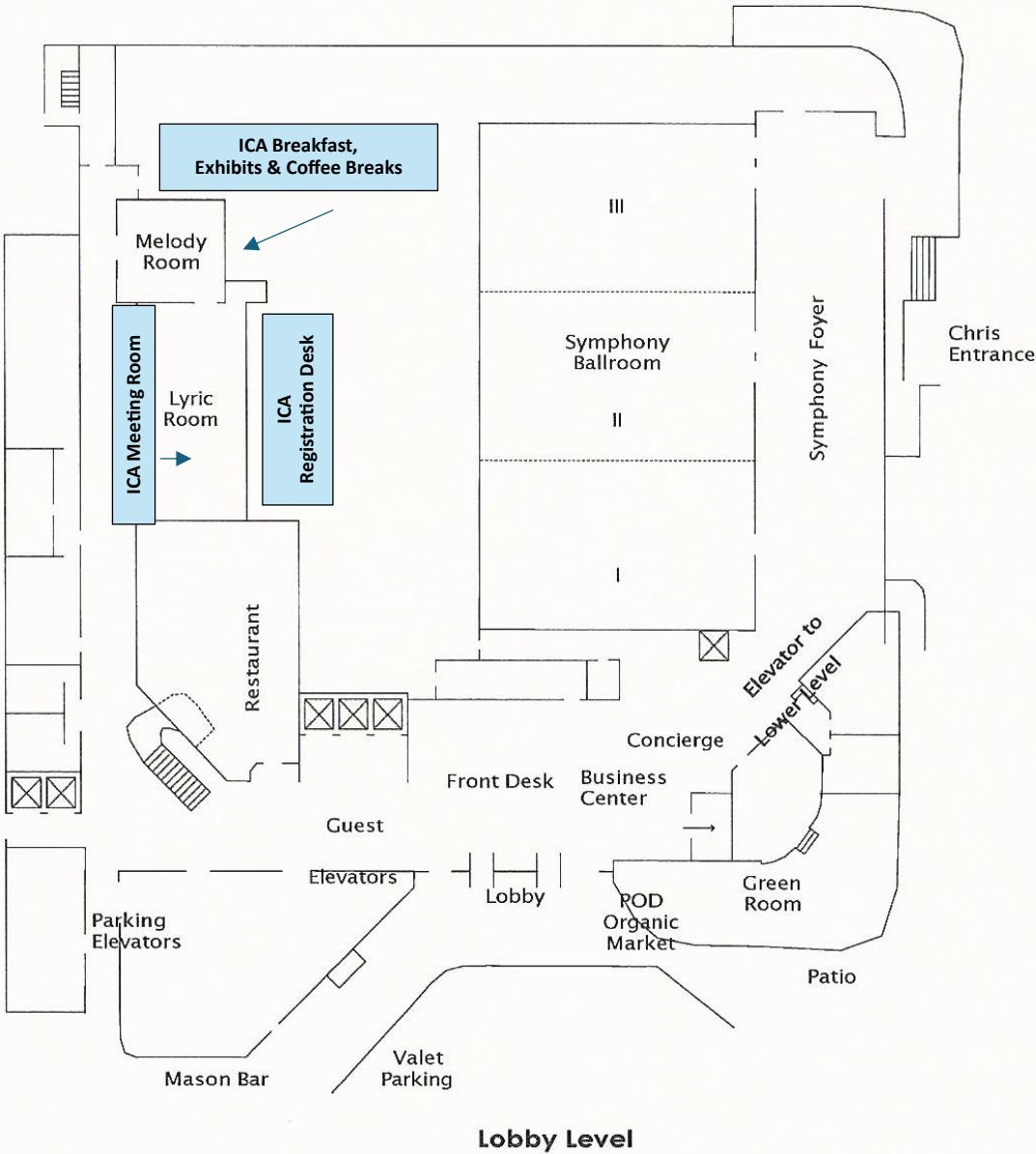
Buffet Breakfast, Coffee Breaks & Exhibits

All buffet breakfasts, coffee breaks and exhibits will be located in the **MELODY ROOM** adjacent to the LYRIC ROOM.

Messages

We request all meeting participants turn off or lower their cellular phones or utilize their "vibrate" feature on their phone.

Meeting Space





66th Annual World Congress International College of Angiology Chairman, Board of Directors – Program Chairman’s Welcome Address



Randall W. Franz, MD, FACS, FICA, RVT, RPVI
Chairman, Board of Directors, International College of Angiology
Co-Editor-in-Chief, *International Journal of Angiology*

Dear Members and Colleagues:

We are offering a comprehensive scientific program for our 66th Annual World Congress in Nashville, Tennessee, and I am looking forward to your attendance and participation in this congress.

Music City – Nashville – There’s no better place to experience music than Nashville, a city of storytellers and dreamers, where all are welcome with an authentic, friendly, creative spirit. There is only one “Nashville” experience waiting for you. I look forward to welcoming you with a unique experience for our annual congress!

Our three (3) half-day CME schedule leaves you with free time to explore Nashville and all it has to offer. Creativity is the heart and soul of Music City, and there’s never a shortage of inspiring things to do. From new sounds that fill our speakers to old songs that fill our hearts, Nashville has the [musical attractions](#) to honor both past and present. Even Nashville's creative community spills out into an [art scene](#) filled with art galleries, theaters, and performance stages. Step back into time to learn about Nashville’s [history](#) or explore a Nashville [museum](#) to discover artifacts, memorabilia, and more. From [tours](#), [music](#), and the [arts](#) to [food](#), [sports](#), and [shopping](#).

The International College of Angiology is one of the oldest multidisciplinary international societies, encompassing the disciplines of angiology, vascular surgery, cardiac surgery, cardiology, interventional radiology, thoracic surgery, neurology, neurosurgery and internal medicine. The concept of our society is to bring all disciplines to one scientific podium for better patient care and meaningful research. Presenting and discussing new aspects of research in the various disciplines, educational symposia, presentations of original research in the clinical and basic sciences, young investigator award competitions and renowned research achievement presentations accomplish the common goal.

The members and participants of our congress span the world, with representation from virtually every country. The scientific community has proven the scientific advantage of this congress over the span of 65 years.

Whether you’re coming in just for the conference or plan to extend your stay and visit other areas, Nashville has something for everyone. May you connect with old friends, create new friendships, and leave with cutting edge knowledge that will benefit the patients you serve.

We look forward to personally welcoming you in Honky Tonk Town!

I look forward to hosting you for an impressive conference and unforgettable experiences!

Randall W. Franz, MD

Randall W. Franz, MD, FACS, FICA, RVT, RPVI
Program Chairman
Chairman, Board of Directors, International College of Angiology



66th Annual World Congress International College of Angiology Program Co-Chairman's Welcome Address



Chand Ramaiah, MD, FICA
Vice President, International College of Angiology
Editor, *International Journal of Angiology*

Dear Members and Colleagues:

It is my pleasure to welcome you to Nashville for the 66th Annual World Congress of International College of Angiology. Nashville is the capitol and the largest city in the state of Tennessee. Known by the name of "Music City," Nashville is the home of country music and the historic Ryman auditorium as well as many other attractions like the Country Music Hall of Fame, National Museum of African American Music, and Schermerhorn Symphony Center.

Historic Broadway, offering many live music scenes, is just over a mile from our venue, Loews Vanderbilt Hotel. Nashville is also home to several world class health hospitals, including Ascension Saint Thomas Health, Vanderbilt Medical Center, and HCA's Centennial Medical Center.

Other must-see attractions include Opryland (The Grand Ole Opry is the longest-running live music radio show), Cheekwood Estate and Gardens, and the Frist Art Museum. You will also find a full-scale replica of the Parthenon. For nature lovers, there are numerous parks to walk, hike and bike in and around our beautiful city. Along with bars that offer live music, a variety of dining establishments await you.

I hope you will take time to enjoy the city of Nashville and all it has to offer.

Sincerely,
Chand Ramaiah, MD, FICA
Local Organizing Chairman
Program Co-Chairman

PROGRAM AGENDA AT-A-GLANCE

THURSDAY, OCTOBER 9, 2025

7:00 am – 1:30 pm	Registration <i>Lyric Foyer</i>
7:00 am - 7:30 am	Continental Breakfast <i>Melody Room</i>
7:00 am – 1:30 pm	Exhibits <i>Melody Room</i>
7:30 am - 7:45 am	Opening Ceremony/Opening Remarks- <i>Lyric Room</i> Petr Hájek, Czech Republic and Chand Ramaiah, Tennessee
7:45 am - 7:55 am	Welcoming Remarks and Introduction Randall W. Franz, South Carolina
7:55 am - 8:00 am	ICA Award Presentations Randall W. Franz, South Carolina
Special ICA Presentation <i>Lyric Room</i>	
8:00 am - 8:15 am	Burnout Crisis Among Health Care Professionals Sibu P. Saha, Kentucky
Management of Venous & Peripheral Arterial Disease and Interventions <i>Lyric Room</i>	
Moderator:	Nicolas W. Shammass, Iowa
8:15 am - 8:30 am	Managing Severe Calcium in Peripheral Arterial Intervention—Status and Future Directions Nicolas W. Shammass, Iowa
8:30 am - 8:45 am	PAD & Endovascular Interventions—Predicting Outcomes following Endovascular Intervention Hamid Sattar, Michigan
8:45 am - 9:00 am	PAD Related Risk Amplifiers Hamid Sattar, Michigan
9:00 am - 9:15 am	The Role of Intravascular Ultrasound in Peripheral Arterial Interventions Nicolas W. Shammass, Iowa
9:15 am - 9:30 am	Five-Year Outcome of the Venovo™ Stent Treatment of Iliac Vein Compression Abdullah Ayyoub, Rhode Island
9:30 am - 9:45 am	Protein S Deficiency in a Young Female Patient with Recurrent Venous Thromboembolism (VTE) Treated with Direct Oral Anticoagulants (DOAC) Bryan Aw, Singapore
9:45 am - 10:00 am	Prevalence and Clinical Correlates of Hyperhomocysteinemia in Patients with Venous Thromboembolism in a Singapore Tertiary Hospital Annamarie Borja, Singapore
10:00 am - 10:15 am	Exploring the Feasibility of an Exercise-Based Lifestyle Intervention Alongside Compression, as a Treatment and Recurrence—Prevention Toll for People with Venous Leg Ulcers: The FISCO Study Series Markos Klonizakis, UK
10:15 am - 10:30 am	Questions and Answers—A Panel Discussion with Audience Participation
10:30 am - 10:45 am	Coffee Break and Exhibits – <i>Melody Room</i>
Robotics, Cardiac Surgery, Aortic Aneurysms and Valvular Disease—New Technologies, Advances & Management <i>Lyric Room</i>	
Moderators:	John A. Eleftheriades, Connecticut; Frank Manetta, New York
10:45 am - 11:00 am	Coronary Artery Bypass Surgery—A Historical Perspective Hetel Patel, Tennessee
11:00 am - 11:15 am	Multidisciplinary Approach to the Management of Retained Guidewire in the Coronary Artery Chand Ramaiah, Tennessee
11:15 am – 11:30 am	Robot Assisted Minimally Invasive CABG Amber Edwards, Tennessee
11:30 am - 11:45 am	Use of Multi-Arterial Revascularization for Coronary Artery Bypass Grafting—How Can we Get Better? Siddharth V. Pahwa, Kentucky

PROGRAM AGENDA AT-A-GLANCE

THURSDAY, OCTOBER 9, 2025 (Continued)

Robotics, Cardiac Surgery and Aortic Aneurysms—New Technologies (Continued)

Lyric Room

11:45 am - 12:00 pm	The Holy Grail: A Blood Test for Thoracic Aortic Aneurysm John A. Elefteriades, Connecticut
12:00 pm - 12:15 pm	Genetics of Aortic Aneurysm Disease—10 Key Points for the Practitioner John A. Elefteriades, Connecticut
12:15 pm - 12:30 pm	Angiotensin Receptor Blockers in Marfan Aortopathy Mary Burchett Sheppard, Kentucky
12:30 pm - 12:45 pm	Aortic Aneurysms and Newer Advances in the Treatment and Guidelines Clayton Kaiser, Tennessee
12:45 pm - 1:00 pm	Computed Tomographic Angiography for Patients Supported with Venoarterial ECMO—Theory, Logistics, Performance and Interpretation Michael A. Winkler, Georgia
1:00 pm - 1:15 pm	Advances in the Management of Mitral and Tricuspid Valvular Disease Evelio Rodriguez, Tennessee
1:15 pm - 1:30 pm	Interdisciplinary Approach to Tricuspid Valve Endocarditis Tessa London-Bounds, Kentucky
1:30 pm - 1:45 pm	Long-Term Survival after Quadruple Valve Replacement for Metastatic Neuroendocrine Tumor Chand Ramaiah, Tennessee
1:45 pm - 2:15 pm	Questions and Answers—A Panel Discussion with Audience Participation

FRIDAY, OCTOBER 10, 2025

7:00 am - 1:30 pm	Registration <i>Lyric Foyer</i>
7:00 am - 8:00 am	Continental Breakfast <i>Melody Room</i>
7:00 am - 1:30 pm	Exhibits <i>Melody Room</i>
Cardiovascular Issues, Coronary Artery Disease, Robotics and Afib <i>Lyric Room</i>	
Moderator:	Frank Baciewicz, Michigan; Chand Ramaiah, Tennessee
8:00 am - 8:15 am	Hypertension in the Elderly—An Update James J. Glazier, Michigan
8:15 am - 8:30 am	Angina with Non-Obstructive Coronary Artery Disease and its Invasive Diagnostics Petr Hájek, Czech Republic
8:30 am - 8:45 am	Coronary Artery Disease in Patients Undergoing Lung Transplantation: Management Options Suresh Keshavamurthy, Texas
8:45 am - 9:00 am	The Utility of Epicardial Mapping in Stand Alone Surgery for Atrial Fibrillation Frank Manetta, New York
9:00 am - 9:15 am	Hybrid Epicardial High-Density Mapping and Ablation via Unilateral Robotic-Assisted Thoracoscopic Approach for Refractory Long-Standing Persistent Atrial Fibrillation James K. Gabriels, New York
9:15 am - 9:30 am	Mid-Term Results for Robotic Assisted Epicardial Ablation for Atrial Fibrillation Frank Manetta, New York
9:30 am - 9:45 am	Left Chest Gunshot Causing LAD Occlusion without Pericardial Effusion or Hemodynamic Compromise Frank Baciewicz, Michigan
9:45 am - 10:00 am	The Effect of Invasive Hemodynamic Monitoring on the Outcomes of Cardiogenic Shock in Patients with Acute Myocardial Infarction Ahmed Elmahrouk, Saudi Arabia
10:00 am - 10:15 am	Questions and Answers—A Panel Discussion with Audience Participation
10:15 am - 10:30 am	Coffee Break and Exhibits <i>Melody Room</i>

PROGRAM AGENDA AT-A-GLANCE

FRIDAY, OCTOBER 10, 2025 (Continued)

Updates in Vascular and Endovascular Surgery *Lyric Room*

Moderator:	David Epstein, Ohio; Randall W. Franz, South Carolina
10:30 am - 10:45 am	A Revolutionary Device for Endovascular Aortic Root Repair of Abdominal Aortic Aneurysms: A Pilot Study Rony Santoso, Indonesia
10:45 am - 11:00 am	Ketamine Reduces Opiate Use and Pain Scores in Patients Receiving Low Dose Naloxone for Spinal Cord Protection during Thoracoabdominal Aneurysm Repair Sam Tyagi, Kentucky
11:00 am - 11:15 am	Treatment of Peripheral Vascular Disease via Percutaneous Brachial Access Randall W. Franz, South Carolina
11:15 am - 11:30 am	Current Management of Upper Extremity Vascular Trauma David A. Epstein, Ohio
11:30 am - 11:45 am	Lessons Learned with Transcatheter Arterialization of Deep Veins (TADV) Pallavi Manvar-Singh, New York
11:45 am - 12:00 pm	Blunt Thoracic Aorta Injury (BTAI) in the Endovascular Era Randall W. Franz, South Carolina
12:00 pm - 12:15 pm	Endovascular Management of Aortic Aneurysms with Severe Neck Angulation and/or Iliac Artery Tortuosity using Multiple Stiff Wire Techniques: A Case Series Rony Santoso, Indonesia
12:15 pm - 12:30 pm	Outcomes of Endovascular Repair of Acute Type B Aortic Dissection in a Tertiary Center Mohsen Bannazadeh, New York
12:30 pm - 12:45 pm	Unusual Repair in an 86-Year-Old with Unexpected Type A Dissection Frank Baciewicz, Michigan
12:45 pm - 1:00 pm	Treatment of Postural Orthostatic Tachycardia Syndrome (POTS) Disease with Endovascular Stenting—A Preliminary Review of the Data Robert I. Hacker, Missouri
1:00 pm – 1:30 pm	Questions and Answers—A Panel Discussion with Audience Participation

SATURDAY, OCTOBER 11, 2025

7:00 am – 1:30 pm	Registration – Lyric Foyer
7:00 am - 7:30 am	Continental Breakfast Melody Room
7:00 am – 1:30 pm	Exhibits – Melody Room

Allied Practice Professional's Session *Lyric Room*

Moderator:	Sibu P. Saha, Kentucky
7:30 am - 7:40 am	Patient Advocacy: A Journey into Legislative Changes Amanda Crabtree, Kentucky
7:40 am - 7:50 am	Workforce Analysis of Physician Associates in Cardiothoracic and Vascular Surgery in the US Hannah Anderson, Kentucky
7:50 am - 8:00 am	The Role of Advanced Practice Providers in an Academic Medical Center—My Personal Perspective Paula Works, Kentucky
8:00 am - 8:10 am	Association of Comorbidity Indices with Post-Operative Cardiovascular Events and Sepsis Risks in Orthopedic Surgery Patients Darius L. Morehead, Kentucky
8:10 am - 8:30 am	Questions and Answers—A Panel Discussion with Audience Participation

PROGRAM AGENDA AT-A-GLANCE

SATURDAY, OCTOBER 11, 2025 (Continued)

Structural Heart Issues <i>Lyric Room</i>	
Moderators:	Arber Kodra, New York; James J. Glazier, Michigan
8:30 am - 8:45 am	Dual Antiplatelet Therapy after PCI Emily Schultz, New York
8:45 am - 9:00 am	TAVR in Specific Populations Arber Kodra, New York
9:00 am - 9:15 am	Post-TAVR Stroke Arber Kodra, New York
9:15 am - 9:30 am	Mechanical Support in Complex PCI Perry Fisher, New York
9:30 am - 9:45 am	Management of Large Bore Access during TAVR Wally Omar, New York
9:45 am - 10:00 am	Minimalist TAVR: Techniques to Increase Efficiency of TAVR Procedures Arber Kodra, New York
10:00 am - 10:15 am	Percutaneous Left Atrial Appendage Closure in Patients with Atrial Fibrillation Arber Kodra, New York
10:15 am - 10:30 am	Questions and Answers—A Panel Discussion with Audience Participation
10:30 am - 10:45 am	Coffee Break and Exhibits – <i>Melody Room</i>

Fellows, Residents & Students Young Investigator Presentations <i>Lyric Room</i>	
Moderators:	Petr Hájek, Czech Republic; Frank Manetta, New York
10:45 am - 10:55 am	Afib after CABG—A Single Center Experience Dominic James Armagno, Kentucky
10:55 am - 11:05 am	Stroke after CABG—A Single Center Experience Roxana Ponce, Kentucky
11:05 am - 11:15 am	Surgical Treatment of Cardiac Tumors—A Single Center Experience Nicole Marker, Kentucky
11:15 am - 11:25 am	Contemporary Use of Extracorporeal Membrane Oxygenation (ECMO) for Management of High-Risk Pulmonary Embolism Robert Holt Hammons, Kentucky
11:25 am - 11:35 am	CABG Outcomes in Low EF Patients Supported with Impella 5.5 Andrew J. Gorton, Kentucky
11:35 am - 11:45 am	Questions and Answers—A Panel Discussion with Audience Participation

Electronic Poster Abstracts & Interesting Cases <i>Lyric Room</i>	
Moderator:	Frank Manetta, New York
11:45 am - 11:52 am	Post-Operative Atrial Fibrillation Risk Factors and Associated Sequelae Sumeer Brar, Kentucky
11:52 am – 11:59 am	Valve-in-Valve TAVR for Aortic Regurgitation of Previous Freestyle Aortic Root Andrew J. Gorton, Kentucky
11:59 am - 12:06 pm	A Case of Paget-Schroetter Syndrome Associated with Shoulder Dystocia Majid Chammas, Florida
12:06 pm - 12:13 pm	Endovascular Repair of Post-Traumatic Anterior Tibial Artery Pseudoaneurysm with Fistula Formation Nicole Ann E. Villa, Pennsylvania

PROGRAM AGENDA AT-A-GLANCE

SATURDAY, OCTOBER 11, 2025 (Continued)

Electronic Poster Abstracts & Interesting Cases (Continued)

12:13 pm - 12:20 pm	Incidence and Characteristics of Deep Venous Thrombosis in Hospitalized Chronic Heart Failure Patients Jia-Lin Yuan, China
12:20 pm - 12:27 pm	Moderate Hyperhomocysteinemia with Recurrent Thrombosis in ESRF Secondary to Compression and Thrombosis Annamarie Borja, Singapore
12:27 pm - 12:44 pm	Sequelae of Malignancy: Delayed Retrieval of an Inferior Vena Cava Filter with Vein Compression and Thrombosis Nihar Pandit, Singapore
12:44 pm - 1:00 pm	Questions and Answers—A Panel Discussion with Audience Participation
1:00 pm - 1:15 pm	CLOSING REMARKS Randall W. Franz, South Carolina

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 (MCRF) and the International College of Angiology. MCRF is accredited by the IMS to provide continuing medical education for physicians.

MCRF designates this Live activity for a maximum of 5.50 on 10/09/25, 5.50 on 10/10/25, and 3.00 on 10/11/2025 *AMA PRA Category 1 Credits™*. Physicians should claim only credits commensurate with the extent of their participation in the activity.

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66th Annual World Congress • International College of Angiology 2025

Provided by ICA and
Midwest Cardiovascular Research Foundation
Loews Vanderbilt Hotel
Nashville, Tennessee
October 9-11, 2025

Scientific Program

THURSDAY, OCTOBER 9, 2025

7:30 am – 1:30 pm
Registration-Lyric Foyer

Lyric Room
7:30 am – 7:35 am
Opening Ceremony and Opening Remarks

Master of Ceremonies
Introduction By:

Frank Manetta, MD, FACS, FICA

Co-Chairman, Scientific Committee, International College of Angiology; Professor of Surgery, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell; Program Director, Independent and Integrated Thoracic Surgery Residencies; Medical Director, Perfusion Medical Program at Hofstra University; Department of Cardiovascular and Thoracic Surgery, Northwell Health, North Shore University Hospital, Manhasset, New York; Member and President-Elect, Board of Directors, International College of Angiology; Senior Editor, *International Journal of Angiology*.

Chairman, Board of Directors

Randall W. Franz, MD, FACS, FICA, RVT, RPVI

Chairman, Board of Directors, International College of Angiology; Co-Editor-in-Chief, *International Journal of Angiology*; Coastal Vascular and Vein Center, Charleston, South Carolina.

7:35 AM – 7:45 AM
Welcome Address
President

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; Senior Editor, *International Journal of Angiology*.

Local Program Chairman

Chand Ramaiah, MD, FICA

Director, Aortic Surgery; Vice Chief, Department of Cardiac Sciences, Ascension Saint Thomas Heart Valve and Structural Heart Center, Nashville, Tennessee; Vice President, Scientific Council, International College of Angiology; Editorial Board, *International Journal of Angiology*.

7:45 AM – 8:00 AM
ICA Award Presentations

Randall W. Franz, MD, FACS, FICA, RVT, RPVI

Chairman, Board of Directors, International College of Angiology; Co-Editor-in-Chief, *International Journal of Angiology*; Coastal Vascular and Vein Center, Charleston, South Carolina.

8:00 am – 8:15 am
ICA Special Presentation

8:00 am **Burnout Crisis Among Healthcare Professionals: Sibu P. Saha, MD, MBA, FICA, Lexington, Kentucky**

THURSDAY, OCTOBER 9, 2025 (Continued)**8:30 am – 10:30 am****Management of Venous & Peripheral Arterial Disease and Interventions***Moderator:***Nicolas W. Shamas, MD, MS, FICA**

Davenport, Iowa

- 8:15 am** **Managing Severe Calcium in Peripheral Arterial Intervention—Status and Future Directions: Nicolas W. Shamas, MD, MS, FICA**, Davenport, Iowa
- 8:30 am** **PAD and Endovascular Interventions-Predicting Outcomes following Endovascular Intervention: Hamid Sattar, MD, FACC, FSCAI**, Dearborn, Michigan
- 8:45 am** **PAD Related Risk Amplifiers: Hamid Sattar, MD, FACC, FSCAI**, Dearborn, Michigan
- 9:00 am** **The Role of Intravascular Ultrasound in Peripheral Arterial Intervention: Nicolas W. Shamas, MD, MS, FICA**, Davenport, Iowa
- 9:15 am** **Five-Year Outcome of the Venovo™ Stent Treatment of Iliac Vein Compression: Results from a Single Center: Abdullah Ayyoub, MD**, Providence, Rhode Island
- 9:30 am** **Protein S Deficiency in a Young Female Patient with Recurrent Venous Thromboembolism (VTE) Treated with Direct Oral Anticoagulants (DOAC): Bryan Aw, MBBS, MMed (Internal Medicine), MRCP**, Tan Tock Seng Hospital, Singapore
- 9:45 am** **Prevalence and Clinical Correlates of Hyperhomocysteinemia in Patients with Venous Thromboembolism in a Singapore Tertiary Hospital: Annamarie Borja, MD**, Tan Tock Seng Hospital, Singapore
- 10:00 am** **Exploring the Feasibility of an Exercise-Based, Lifestyle Intervention Alongside Compression, as a Treatment and Recurrence-Prevention Toll for People with Venous Leg Ulcers: The FISCO Study Series: Markos Klonizakis, MSc, DPhil**, Sheffield, UK

10:15 am – 10:30 am**Questions and Answers—A Panel Discussion with Audience Participation****10:30 am – 10:45 am****COFFEE BREAK & EXHIBITS****Melody Room**

THURSDAY, OCTOBER 9, 2025 (Continued)

10:45 am – 2:15 pm

Robotics, Cardiac Surgery, Aortic Aneurysms and Valvular Disease-New Technologies, Advances and Management

Moderators:

John A. Elefteriades, MD, PhD (Hons), FACS, FICA

New Haven, Connecticut

Frank Manetta, MD, FACS, FICA

Manhasset, New York

- 10:45 am** **Coronary Artery Bypass Surgery—A Historical Perspective:** Hetal D. Patel, MD, MBA, FACS, FICA, Jackson, Tennessee
- 11:00 am** **Multidisciplinary Approach to the Management of Retained Guidewire in the Coronary Artery:** Chand Ramaiah, MD, FICA, Franklin, Tennessee
- 11:15 am** **Robot Assisted Minimally Invasive CABG:** Amber Edwards, MD, Nashville, Tennessee
- 11:30 am** **Use of Multi-Arterial Revascularization for Coronary Artery Bypass Grafting—How Can we Get Better?** Siddharth V. Pahwa, MD, Louisville, Kentucky
- 11:45 am** **The Holy Grail: A Blood Test for Thoracic Aortic Aneurysm:** John A. Elefteriades, MD, PhD (Hon), FACS, FICA, New Haven, Connecticut
- 12:00 pm** **Genetics of Aortic Aneurysm Disease—10 Key Points for the Practitioner:** John A. Elefteriades, MD, PhD (Hon), FACS, FICA, New Haven, Connecticut
- 12:15 pm** **Angiotensin Receptor Blockers in Marfan Aortopathy:** Mary Burchett Sheppard, MD, FICA, Lexington, Kentucky
- 12:30 pm** **Aortic Aneurysms and Newer Advances in the Treatment and Guidelines:** Clayton Kaiser, MD, Nashville, Tennessee
- 12:45 pm** **Computed Tomographic Angiography for Patients Supported with Venoarterial ECMO—Theory, Logistics, Performance and Interpretation:** Michael Winkler, MD, MSCCT, FACC, FICA, Atlanta, Georgia
- 1:00 pm** **Advances in the Management of Mitral and Tricuspid Valvular Disease:** Evelio Rodriguez, MD, Nashville, Tennessee
- 1:15 pm** **Interdisciplinary Approach to Tricuspid Valve Endocarditis:** Tessa London-Bounds, MD, MPH, FICA, Lexington, Kentucky
- 1:30 pm** **Long-Term Survival after Quadruple Valve Replacement for Metastatic Neuroendocrine Tumor:** Chand Ramaiah, MD, FICA, Franklin, Tennessee

1:45 pm – 2:15 pm

QUESTIONS AND ANSWERS—A Panel Discussion with Audience Participation

FRIDAY, OCTOBER 10, 2025

8:00 am – 10:15 am

Cardiovascular Issues, Coronary Artery Disease, Robotics and Afib*Moderators:***Frank Baciewicz, MD, FICA**

Southfield, Michigan

Chand Ramaiah, MD, FICA

Franklin, Tennessee

- 8:00 am **Hypertension in the Elderly-An Update:** James J. Glazier, MD, FRCP, FACC, FICA, Detroit, Michigan
- 8:15 am **Angina with Non-Obstructive Coronary Artery Disease and its Invasive Diagnostics:** Petr Hájek, MD, PhD, FICA, Prague, Czech Republic
- 8:30 am **Coronary Artery Disease in Patients Undergoing Lung Transplantation: Management Options:** Suresh Keshavamurthy, MD, FICA, Dallas, Texas
- 8:45 am **The Utility of Epicardial Mapping in Stand Alone Surgery for Atrial Fibrillation:** Frank Manetta MD, FACS, FICA, Manhasset, New York
- 9:00 am **Hybrid Epicardial High-Density Mapping and Ablation via Unilateral Robotic-Assisted Thoracoscopic Approach for Refractory Long-Standing Persistent Atrial Fibrillation:** James K. Gabriels, MD, Manhasset, New York
- 9:15 am **Mid-Term Results for Robotic Assisted Epicardial Ablation for Atrial Fibrillation:** Frank Manetta, MD, FACS, FICA, Manhasset, New York
- 9:30 am **Left Chest Gunshot Causing LAD Occlusion without Pericardial Effusion or Hemodynamic Compromise:** Frank Baciewicz, MD, FICA, Southfield, Michigan
- 9:45 am **The Effect of Invasive Hemodynamic Monitoring on the Outcomes of Cardiogenic Shock in Patients with Acute Myocardial Infarction:** Ahmed Elmahrouk, MD, PhD, Jeddah, Saudi Arabia

10:00 am – 10:15 am

Questions and Answers—A Panel Discussion with Audience Participation

10:15 am – 10:30 am

COFFEE BREAK & EXHIBITS**Melody Room**

FRIDAY, OCTOBER 10, 2025 (Continued)

10:30 am – 1:30 pm

Updates in Vascular & Endovascular Surgery

Moderators:

David A. Epstein, MD, FACS, FICA

Columbus, Ohio

Randall W. Franz, MD, FACS, FICA, RVT, RPVI

Charleston, South Carolina

- 10:30 am** **A Revolutionary Device for Endovascular Aortic Root Repair of Abdominal Aortic Aneurysms: A Pilot Study:** Rony Santoso, MD, Tangerang, Indonesia
- 10:45 am** **Ketamine Reduces Opiate Use and Pain Scores in Patients Receiving Low Dose Naloxone for Spinal Cord Protection during Thoracoabdominal Aneurysm Repair:** Sam Tyagi, MD, Lexington, Kentucky
- 11:00 am** **Treatment of Peripheral Vascular Disease via Percutaneous Brachial Access:** Randall W. Franz, MD, FACS, FICA, RVT, RPVI, Charleston, South Carolina
- 11:15 am** **Current Management of Upper Extremity Vascular Trauma:** David A. Epstein, MD, FACS, FICA, RPVI, Columbus, Ohio
- 11:30 am** **Lessons Learned with Transcatheter Arterialization of Deep Veins (TADV):** Pallavi Manvar-Singh, MD, FICA, Lake Success, New York
- 11:45 am** **Blunt Thoracic Aorta Injury (BTAI) in the Endovascular Era:** Randall W. Franz, MD, FACS, FICA, RVT, RVPVI, Charleston, South Carolina
- 12:00 pm** **Endovascular Management of Aortic Aneurysms with Severe Neck Angulation and/or Iliac Artery Tortuosity using Multiple Stiff Wire Techniques: A Case Series:** Rony Santoso, MD, Tangerang, Indonesia
- 12:15 pm** **Outcomes of Endovascular Repair of Acute Type B Aortic Dissection in a Tertiary Center:** Mohsen Bannazadeh, MD, FACS, FSVS, RPVI, FICA, Lake Success, New York
- 12:30 pm** **Unusual Repair in an 86-Year-Old with Unexpected Type A Dissection:** Frank Baciewicz, MD, FICA, Southfield, Michigan
- 12:45 pm** **Treatment of Postural Orthostatic Tachycardia Syndrome (POTS) Disease with Endovascular Stenting—A Preliminary Review of the Data:** Robert I. Hacker, MD, FACS, FSVS, RVT, RPVI, St. Louis, Missouri

1:00 pm – 1:30 pm

Questions and Answers—A Panel Discussion with Audience Participation

SATURDAY, OCTOBER 11, 2025

7:30 am – 8:30 am

Allied Practice Professional's Session

Moderator:

Sibu P. Saha, MD, MBA, FICA

Lexington, Kentucky

- 7:30 am** **Patient Advocacy: A Journey into Legislative Changes: Amanda Crabtree, RN, BSN, Lexington, Kentucky**
- 7:40 am** **Workforce Analysis of Physician Associates in Cardiothoracic and Vascular Surgery in the US: Hannah Anderson, MSPAS, PA-C, Lexington, Kentucky**
- 7:50 am** **The Role of Advanced Practice Providers in an Academic Medical Center—My Personal Perspective: Paula Works, APRN, DNP, FNP-BC, AGACNP-BC, Lexington, Kentucky**
- 8:00 am** **Association of Comorbidity Indices with Post-Operative Cardiovascular Events and Sepsis Risk in Orthopedic Surgery Patients: Darius L. Morehead, PA-C, Lexington, Kentucky**

8:10 am – 8:30 am

Questions and Answers—A Panel Discussion with Audience Participation

8:30 am – 10:30 am

Structural Heart Issues

Moderators:

James J. Glazier, MD, FRCPI, FRCP (London), FACPI, VACC, FSCAI, CCDS, RPVI, FICA

Detroit, Michigan

Arber Kodra, MD, FACC, FSCAI, FICA

New York, New York

- 8:30 am** **Dual Antiplatelet Therapy after PCI: Emily Schultz, DO, New York, New York**
- 8:45 am** **TAVR in Specific Populations: Arber Kodra, FACC, FSCAI, FICA, New York, New York**
- 9:00 am** **Post-TAVR Stroke: Arber Kodra, FACC, FSCAI, FICA, New York, New York**
- 9:15 am** **Mechanical Support in Complex PCI: Perry Fisher, MD, New York, New York**
- 9:30 am** **Management of Large Bore Access during TAVR: Wally Omar, MD, Bay Shore, New York**
- 9:45 am** **Minimalist TAVR: Techniques to Increase Efficiency of TAVR Procedures: Arber Kodra, FACC, FSCAI, FICA, New York, New York**
- 10:00 am** **Percutaneous Left Atrial Appendage Closure in Patients with Atrial Fibrillation: Arber Kodra, FACC, FSCAI, FICA, New York, New York**

10:15 am – 10:30 am

Questions and Answers—A Panel Discussion with Audience Participation

10:30 am – 10:45 am

COFFEE BREAK & EXHIBITS

Melody Room

SATURDAY, OCTOBER 11, 2025

Fellows, Residents & Students Young Investigator Presentations

Moderators:

Petr Hájek, MD, PhD, FICA
Prague, Czech Republic
Frank Manetta, MD, FACS, FICA
Manhasset, New York

- 10:45 am** **AFib after CABG—A Single Center Experience:** **Dominic James Armagno, BS**, Lexington, Kentucky
- 10:55 am** **Stroke after CABG—A Single Center Experience:** **Roxana Ponce, BS**, Bowling Green, Kentucky
- 11:05 am** **Surgical Treatment of Cardiac Tumors—A Single-Center Experience:** **Nicole Marker, BA**, Lexington, Kentucky
- 11:15 am** **Contemporary Use of Extracorporeal Membrane Oxygenation (ECMO) for Management High-Risk Pulmonary Embolism:** **Robert Holt Hammons, BS**, Lexington, Kentucky
- 11:25 pm** **CABG Outcomes in Low EF Patients Supported with Impella 5.5:** **Andrew J. Gorton, MD**, Lexington, Kentucky

11:35 am – 11:45 am

Questions and Answers—A Panel Discussion with Audience Participation

11:45 am – 1:00 pm

Electronic Poster Abstracts & Interesting Cases

Moderator:

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

- 11:45 am** **Post-Operative Atrial Fibrillation Risk Factors and Associated Sequelae:** **Sumeer Brar, MD**, Lexington, Kentucky
- 11:52 am** **Valve-in-Valve TAVR for Aortic Regurgitation of Previous Freestyle Aortic Root:** **Andrew J. Gorton, MD**, Lexington, Kentucky
- 11:59 am** **A Case of Paget-Schroetter Syndrome Associated with Shoulder Dystocia:** **Majid Chammas, MD**, Palm Springs, Florida
- 12:06 pm** **Endovascular Repair of Post-Traumatic Anterior Tibial Artery Pseudoaneurysm with Fistula Formation:** **Nicole Ann E. Villa, BS**, Wyomissing, Pennsylvania
- 12:13 pm** **Incidence and Characteristics of Deep Venous Thrombosis in Hospitalized Chronic Heart Failure Patients:** **Jia-Lin Yuan, PhD**, Guangzhou, China
- 12:20 pm** **Moderate Hyperhomocysteinemia with Recurrent Thrombosis in ESRF Secondary to IgA Nephropathy:** **Annamarie Borja, MD**, Singapore
- 12:27 pm** **Sequelae of Malignancy: Delayed Retrieval of an Inferior Vena Cava Filter with Vein Compression and Thrombosis:** **Nihar Pandit, MBBS, MD, MRCP, FAMS**, Singapore

12:44 pm – 1:00 pm

Questions and Answers—A Panel Discussion with Audience Participation

1:00 pm

CLOSING REMARKS

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



ACKNOWLEDGMENTS

The International College of Angiology jointly with the Midwest Cardiovascular Research Foundation gratefully acknowledges the support of this CME activity.

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NOTES



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The congress is designed to offer new ideas, convictions, strategies and tactics that directly affect physicians, surgeons, allied health care professionals and basic and clinical investigators in the field of cardiovascular medicine and surgery. The global goal of this congress is to communicate a commitment by providing needs-based education that is independent of commercial interests and fosters change in target audience knowledge, competence and performance to ultimately improve patient outcomes.

Congress objectives include—access and differentiate between competing technologies for vascular intervention—choose when and how to appropriately apply various interventional and non-interventional procedures in the treatment of vascular disease—describe new developments and techniques in the diagnosis, medical management, and treatment of cardiac, peripheral vascular and cerebrovascular disorders to make improved patient care decisions based on outcome and cost—enhance knowledge in the practice of treating vascular disease—identify and explore new research problems for future collaboration.

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JULY 2026

International College of Angiology

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