

# **64<sup>th</sup> Annual World Congress-ICA 2023 & Cardiovascular Innovations and Practice Guidelines 2023**

Jointly with the International College of Angiology, Midwest Cardiovascular Research Foundation  
and the Iowa Chapter of the American College of Cardiology

## **Conference Co-Chairs**

**Randall W. Franz, MD, RVT, RVPI**, Chairman, Board of Directors, International College of Angiology; Chief, Vascular & Endovascular Surgery, Methodist University Hospital, Memphis, Tennessee

**Iwan Dakota, MD, PhD**, National Cardiovascular Center, Harapan Kita Hospital, Jakarta, Indonesia

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

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

**Nicolas W. Shammis, MD, MS**, Cardiovascular Medicine, LLC, Adjunct Clinical Professor of Medicine, University of Iowa, President and Research Director, Midwest Cardiovascular Research Foundation, Davenport, Iowa

**Spas Kotev, MD**, Interventional Cardiologist, Iowa Heart Center, Medical Director, Cardiology, Mercy-Iowa City, Iowa; President, Iowa Chapter, American College of Cardiology

## **Conference Co-Directors**

**Shawna Duske, ARNP**, Advanced Nurse Practitioner, Cardiovascular Medicine, LLC, Clinical Manager, Midwest Cardiovascular Research Foundation, Davenport, Iowa

**Edmund Coyne, MD**, President, Cardiovascular Medicine, PC, Invasive Cardiologist, Cardiovascular Medicine, PC, Davenport, Iowa

**Subhash Banerjee, MD**, Paul J. Thomas Endowed Chair in Cardiology, Chief of Cardiovascular Research and Innovation, Baylor Scott & White Cardiology Consultants of Texas, Dallas, Texas

**Mahi Ashwath, MD**, Clinical Professor of Cardiology, University of Iowa Hospitals and Clinics, IA ACC Governor, Iowa City, Iowa

## **Conference Management**

**Diana El Chammas**, Event Manager, Midwest Cardiovascular Research Foundation, Davenport, IA

**Maureen Koepke**, Business Manager, Midwest Cardiovascular Research Foundation, Davenport, IA

**Jody Johnston-Mohr**, Education Coordinator, Genesis Medical Center, Davenport, IA

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

**Lezlie Mestdagh**, IA ACC Chapter Executive, Des Moines, IA

## **Faculty**

**Fahed Al-Darazi, MD**, Waterloo, Iowa

**Kurt Andersen, MD**, Davenport, Iowa

**Mahi Ashwath, MD**, Iowa City, Iowa

**Amit Bahia, MD**, Davenport, Iowa

**Subhash Banerjee, MD**, Dallas, Texas

**Semih Barlas, MD**, Istanbul, Turkey

**Edmund Coyne, MD**, Davenport, Iowa

**Iwan Dakota, MD, PhD**, Jakarta, Indonesia

**Vito Damay, MD**, Lippo Karawaci, Indonesia

**Stephen T. DeLessio, MD**, Davenport, Iowa

**Shawna Duske, ARNP**, Davenport, Iowa

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

**David Epstein, MD**, Columbus, Ohio  
**Jürgen Falkensammer, MD**, Linz, Austria  
**Randall W. Franz, MD, RVT, RVPI**, Memphis, Tennessee  
**James J. Glazier, MD**, Detroit, Michigan  
**Petr Hájek, MD, PhD**, Prague, Czech Republic  
**Danita Harrison, ARNP**, Davenport, Iowa  
**Amir Kaki, MD**, Detroit, Michigan  
**Suresh Keshavamurthy, MD**, Lexington, Kentucky  
**Arber Koda, MD**, New York, New York  
**Spas Kotev, MD**, Iowa City, Iowa  
**Frank Manetta, MD**, Manhasset, New York  
**Rafat Padaria, MD**, Davenport, Iowa  
**Shoaib Padaria, MD**, Mumbai, India  
**Jon Robken, MD**, Davenport, Iowa  
**Sibu S. Saha, MD, MBA**, Lexington, Kentucky  
**Patti Said, MSN, RN**, Davenport, IA  
**Nicolas W. Shammass, MD, MS**, Davenport, Iowa  
**Tahir Tak, MD**, Minneapolis, Minnesota  
**Emily Timm, RD, LD**, Davenport, Iowa  
**Peter Toth, MD, PhD**, Serling, Illinois  
**Josef Veselka, MD, PhD**, Prague, Czech Republic  
**Mitsuhiro Yamamura, MD**, Hyogo, Japan  
**Wei Zhou, MD**, Tucson, Arizona

### **Abstract Reviewers**

**Jürgen Falkensammer, MD**, Linz, Austria  
**Frank Manetta, MD**, Manhasset, New York  
**Nicolas W. Shammass, MD, MS**, Davenport, Iowa

### **Course Overview**

The 64th Annual World Congress of the ICA & Cardiovascular Innovations and Practice Guidelines 2023 is a multidisciplinary conference for general cardiologists, cardiovascular 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 students) sponsored by the Midwest Cardiovascular Research Foundation jointly with the International College of Angiology, and the Iowa Chapter of the American College of Cardiology. This symposium is designed to give a comprehensive update in various aspects of cardiovascular diseases including coronary, structural, peripheral, electrophysiology, women in cardiology, 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 Tuesday, September 12th to Saturday September 16th, 2023 at the Adler Health Education Center, Genesis Heart Institute, 1236 E. Rusholme Street, Davenport, Iowa 52803.

### **General Information**

#### **Symposium Format**

An invited distinguished international faculty will conduct a four-day 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, family medicine and internal medicine and cardiovascular nurses, technicians and providers-in-training (fellows, residents, medical students, NP/PA 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 and women in cardiology. Upon completion of this course, participants should be able to:

#### **Conference Objectives for Tuesday, September 12, 2023**

- Discuss Empowering the Women Leaders of the Future
- Identify Sex Differences in the Management of Cardiovascular Diseases: Why and How to Fix it?
- Describe Venous Disease in Women: Epidemiology, Presentation, and Treatment
- Review Spontaneous Coronary Artery Dissection: Management Update
- Discuss INOCA and MINOCA: Understanding the Pathophysiology and Management

#### **Conference Objectives for Wednesday, September 13, 2023**

- Review Pharmacologic Management of Heart Failure
- Review Atrial Fibrillation: An Update on Management
- Discuss How to Optimize Revascularization in Limb Ischemia Patients
- Define Pericarditis: Update on Treatment Modalities
- Recognize the Various Tools of Peripheral Artery Vessel Prepping
- Discuss Atherosclerosis and Low-Density Lipoprotein: How Low we Can Go?
- Review the Role of MRI in Ischemic Heart Disease
- Discuss Optimization of Imaging in Echocardiography
- Review CTA Cardiac Applications
- Recognize the Role of Precision Imaging with Intravascular Ultrasound During Endovascular Interventions
- Review Imaging in Endovascular Therapies of Structural Heart Disease and Venous Insufficiency
- Review Radial Access Applications and Complications
- Review Diabetes and the Heart and Update on Therapies that Reduce Cardiovascular Complications
- Recognize When and How to Treat Coronary Total Occlusion

#### **Conference Objectives for Thursday September 14,15,16, 2023**

- Describe and Apply the Value of an Integrated Approach to the Diagnosis and Treatment of Cardiac and Vascular Disease
- Assess 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

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 international recognized invited guest lecturers, special symposia, oral and poster presentation and exhibitions, highlighting the most challenging and controversial topics and procedures performed in interventional medicine.

### **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.

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

Nursing: \_\_\_\_ contact hours for 9/12/23, \_\_\_\_ contact hours for 9/13/23, \_\_\_\_ contact hours for 9/14/23, \_\_\_\_ contact hours for 9/15/23, \_\_\_\_ contact hours for 9/16/2023 awarded by the Iowa Board of Nursing Provider #59, Genesis Medical Center, Davenport, Iowa. Nursing IL may use CE certificate for IL license renewal.

PT/PTA & OT/COTA: \_\_\_\_ contact hours for 9/12/23, \_\_\_\_ contact hours for 9/13/23, \_\_\_\_ contact hours for 9/14/23, \_\_\_\_ contact hours for 9/15/23, \_\_\_\_ contact hours for 9/16/2023 by Genesis Medical Center-Silvis Campus, Silvis, IL.

All others: You may be eligible for up to : \_\_\_\_ contact hours for 9/12/23, \_\_\_\_ contact hours for 9/13/23, \_\_\_\_ contact hours for 9/14/23, \_\_\_\_ contact hours for 9/15/23, \_\_\_\_ contact hours for 9/16/2023. Refer to your administrative guidelines.

**CE Credits: Partial credit will not be given for a specific day. To receive any/all credit for each day you will need to attend the entire program on this specific day.**

Radiologic Technologists: Technologists CE applied for through the A.S.R.T. **RT Credits: To receive full credit you will need to attend each entire course day.**

### **Conflict of Interest**

The International College of Angiology and the Midwest Cardiovascular Research Foundation receive educational grants from several pharmaceutical and device companies. ICA and MCRF mitigate these COI by a thorough review of the slides content 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 other speakers will be asked to fill out 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 and interesting cases to 64<sup>th</sup> Annual World Congress – ICA 2023/ CIPG 2023. Abstracts will be presented in poster format. The best 25 abstracts will be presented orally (each 8 minutes followed by 2 minutes discussion). Abstracts will be submitted online: <https://www.intlcollegeofangiology.org/online-abstract-submission.html>. All authors will be

notified by email about the acceptance of their abstracts for an oral or poster presentation. Deadline for abstract submission is May 15, 2023 by midnight. Notification of acceptance or rejection will be done first week of August.

### **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 May 15, 2023. Abstracts will be submitted online as noted above. Please see our online guidelines for requirements and submission procedure at: <https://www.intlcollegeofangiology.org/abstract-submission---general-information.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 and the Midwest Cardiovascular Research Foundation wish 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 if you have any needs.

### **ICA 2023 and CIPG 2023 EXPO**

Please take time to visit the companies that help make this 64th Annual World Congress - ICA 2023 and CIPG 2023-19th Annual Scientific Sessions a reality. Best visiting times are during lunches and breaks. Exhibit hours will start from September 13th in the am to the end of the day on September 16th.

## Registration Fees

September 12 and 13 are offered free for all attendees.

September 14, 15 and 16 are offered at the registration fee schedule outlined below for attendees of the 64<sup>th</sup> Annual World Congress of the International College of Angiology. Local attendees in Iowa and Illinois are offered free attendance, supported by local community grants from MCRF and courtesy of the International College of Angiology. All fellows, residents or students are offered free attendance for the entire conference.

### ICA Registration Fee Schedule

PARTICIPATION FEES	Early Bird Fee	15 June – 1 September 2023	After 1 September 2023
	Prior to 15 June 2023		
<b>Entire Congress</b>			
ICA Fellows/Members	USD \$475	USD \$575	USD \$675
Non-Fellows/Members	USD \$550	USD \$650	USD \$750
Resident/Trainee	Free	Free	Free
RN, PA, RVT/Allied Medical Sciences	USD \$200	USD \$225	USD \$250
Student*	Free	Free	Free

\*Requires a letter from the University and the submission of a valid student ID card.

### ICA Registration Cancellation Policy

A written request must be received no later than **15 June 2023**, less a **USD \$50 administrative fee**. There will be a **50% processing fee** for all cancellations received **after 15 June 2023 and before 1 September 2023**. Fees are **non-refundable after 1 September 2023**.

### How to Register

Registration is via ICA's website: <https://www.intlcollegeofangiology.org/online-registration.html>, or by downloading our registration form and emailing it to:

### International College of Angiology:

Denise M. Rossignol, Executive Director  
161 Morin Drive  
Jay, Vermont 05859-9283 USA  
P. +802.988.4065 F. +802.988.4066  
[denisemrossignol@cs.com](mailto:denisemrossignol@cs.com)

# Conference Schedule

*Tuesday, September 12, 2023*

## Opening Ceremony

### 64<sup>th</sup> Annual World Congress – International College of Angiology and 19<sup>th</sup> Scientific Sessions of MCRF and the Iowa Chapter of the American College of Cardiology – CIPG 2023

11:00-1:00p	Registration
1:00-1:10p	Welcoming Remarks: MCRF, ICA and IA ACC: A Powerful Educational Force
	<b>Nicolas W. Shammass, MD, MS, MCRF President and Program Chairman</b>
1:10 pm -1:20 pm	Welcoming Remarks and Introduction to the ICA and IA ACC
	<b>Randall W. Franz, MD, RVT, RVPI, Chairman, Board of Directors, ICA</b>
	<b>Iwan Dakota, MD, PhD, ICA President</b>
	<b>Spas Kotev, MD, IA ACC President</b>
1:20 pm – 1:30 pm	ICA Award Presentations
	<b>2023 ICA Lifetime Achievement Awards</b>
	John A. Elefteriades, MD, PhD (Hon)
	John D. Corson, MB, ChB
	Takao Ohki, MD, PhD
	<b>2023 ICA Distinguished Service Awards</b>
	Pertti Aarnio, MD, PhD
	Semih I. Barlas, MD
	Sibu P. Saha, MD, MBA
	Rajinder P. Sharma, MD
	Josef Veselka, MD, PhD
	<b>2023 ICA Research Achievement Award</b>
	Nicolas W. Shammass, MD, MS

### Women in Cardiology and Heart Disease in Women.

**Moderators: Mahi Ashwath, MD and Spas Kotev, MD**

1:30-2:00p	Empowering the Women Leaders of the Future <b>Mahi Ashwath, MD</b>
2:00-2:30p	Sex Differences in the Management and Outcomes of Cardiovascular Diseases. <b>TBD</b>
2:30-3:00p	Venous Disease in Women: Epidemiology, Presentation and Treatment <b>Shoaib Padaria, MD</b>
3:00-3:15p	<i>Refreshment Break / Visit Exhibits</i>
3:15-3:45p	Spontaneous Coronary Artery Dissection: Management Update <b>Rafat Padaria, MD</b>
3:45-4:15p	INOCA and MINOCA: Understanding the Pathophysiology and Management <b>TBD</b>
4:15-4:30p	Q&A and Panel Discussion/Evaluation

- 4:30-5:00p      *Keynote Address: Quality and Safety: The Importance of Building a Strong Foundation (Introduction by **Kurt Andersen, MD**, Chief Medical Officer, Genesis)  
**Stephen T. DeLessio, MD and Patti Said, MSN, RN***
- 5:30-6:30p      *Networking Hour. Interaction with Exhibitors. A reception for all attendees of ICA/CIPG Conference. Hors d'oeuvres and drinks will be offered. There is no charge to conference attendees. This event will be held in the Adler Auditorium Exhibit, Genesis Heart Institute.*
- 6:30p-9:00p      *ICA Board Meeting Dinner (for ICA Board Members) at the Blackhawk Hotel, downtown Davenport. Transportation will be arranged.*

## ***Wednesday, September 13, 2023***

- 7:00-7:45a      Registration / Breakfast/Visit Exhibits  
7:45-8:00a      *Welcoming Remarks*  
**Nicolas W. Shammass, MD, MS**

### **Cardiopulmonary Section**

**Moderators: Edmund Coyne, MD and James J. Glazier, MD**

- 8:00-8:25a      Advances in the Management of Heart Failure  
**Edmund Coyne, MD**
- 8:25-8:50a      Radial Access for Coronary Interventions  
**Waqas Siddiqui, MD**
- 8:50-9:15a      Atrial Fibrillation: An Update on Management  
**TBD**
- 9:15-9:40a      Pericarditis: Update on Treatment Modalities  
**Amit Bahia, MD**
- 9:40-10:05a      Chronic Total Occlusions (CTO): When and How to Intervene?  
**Jon Robken, OD**
- 10:05-10:30a      *Refreshment Break/Interaction*

### **Peripheral Arterial Section**

**Moderators: Nicolas W. Shammass, MD and Randall W. Franz, MD, RVT, RVPI**  
*(Supported by the John Hanson Limb Ischemia Council at MCRF)*

- 10:30-10:50a      Diagnosing and Screening for PAD  
**TBD**
- 10:50 am -11:20a      Optimizing Revascularization in Chronic Threatening Limb Ischemia: The Role of Imaging  
**Nicolas W. Shammass, MD, MS**
- 11:20 am - 11:50a      The ABC's of Wound Evaluation and Management  
**TBD**
- 11:50 am -12:15 pm      Various Tools of Peripheral Artery Vessel Prepping: Leaving the Least Behind  
**Nicolas W. Shammass, MD, MS**
- 12:15 pm - 1:00 pm      *Lunch/Exhibitors*

## **Preventative Medicine**

**Moderators: Nicolas W. Shammass, MD and Shawna Duske, ARNP**

- 1:00-1:20p           Atherosclerosis and Low-Density Lipoproteins?  
**Peter Toth, MD, PhD**
- 1:20-1:40p           Diabetes and the Vascular System. Reducing Complications  
**Danita Harrison, ARNP**
- 1:40-2:00p           Diet for a Healthy Cardiovascular System  
**Emily Timm, RDN, LD**
- 2:00-2:20p           Can Weight Loss be Made a Bit Easier?  
**Shawna Duske, ARNP**
- 2:20-2:35p           *Refreshment Break / Visit Exhibits*

## **Imaging Section**

**Moderators: Mahi Ashwath, MD and Iwan Dakota, MD, PhD**

- 2:35-3:00p           Imaging of Venous Insufficiency  
**Spas Kotev, MD**
- 3:00-3:25p           Optimization of Imaging in Echocardiography  
**Rafat Padaria, MD**
- 3:25-3:40p           Imaging in Endovascular Therapies of Structural Heart Disease  
**Fahed Al-Darazi, MD**
- 3:40-4:05p           Cardiac CTA and its Applications in 2023  
**Mahi Ashwath, MD**
- 4:05-4:45p           *Keynote Address: Disparity in Healthcare*  
**TBD**
- 5:05p                 *Evaluation, CME/CE Certificate; Adjourn*

**5:30 p to 9:00 p. Faculty Dinner (and one guest) at the Figge Art Museum. Museum tour starts at 5:30 pm the Quad City Symphony Quartet and Dinner from 7:00 pm to 9:30 pm. This event is free of charge for Faculty and one guest.**

## ***Thursday, September 14, 2023***

- 7:00-7:45a           Registration / Breakfast/Visit Exhibits
- 7:45-8:00a           *Welcoming Remarks*  
**Randall W. Franz, MD, RVT, RVPI, Chairman, ICA Board of Directors**  
**Frank Manetta, MD, ICA Program Chair**  
**Jürgen Falkensammer, MD, ICA Program Chair**

## **Section 1. Aortic Disease**

**Moderator: Frank Manetta, MD**

- 8:00-8:25a           Cabrol Fistula for Control of Intractable, Life-Threatening Bleeding  
**John A. Eleftheriades, MD, PhD(Hon)**
- 8:25-8:50a           Thoracic Aorta Trauma in the Endovascular Era  
**Randall W. Franz, MD, RVT, RVPI**
- 8:50-9:15a           Long-Term Follow-up of EVAR: Are we Underestimating Endoleaks?  
**Wei Zhou, MD**

- 9:15-9:40a Five-Year Follow-up of Endovascular Management in Patients with Concomitant DeBakey Type II and IIIa Aortic Dissection  
**Iwan Dakota, MD, PhD**
- 9:40-10:05a AAA Open or Endovascular Repair—How I Decide: Surgical Approach, Skills and Outcomes  
**Jürgen Falkensammer, MD**
- 10:05-10:30a *Refreshment Break/Interaction with Exhibitors*

## **Section 2. The Venous Corner**

**Moderator: Petr Hájek, MD, PhD**

- 10:30-10:50a The Pulmonary Embolism Response Team: Rationale, Operation and Outcomes  
**James J. Glazier, MD**
- 10:50-11:20a Trends in the Management of Pulmonary Embolism: Historical Perspective  
**Sibu S. Saha, MD, MBA**
- 11:20-11:50a Update on the Management of Venous Thrombosis  
**Vito Damay, MD**
- 11:50-12:15p Update on the Management of Chronic Venous Insufficiency  
**Vito Damay, MD**
- 12:15-1:05p Treatment of Saphenous Vein Reflux  
**Semih Barlas, MD**
- 1:05-1:45p *Lunch/Exhibitors*

## **Section 3. Coronary Artery Disease**

**Moderator: John A. Elefteriades, MD, PhD(Hon)**

- 1:45-2:05p Phone a Friend: How to Create a Multidisciplinary ECPR Program  
**Frank Manetta, MD**
- 2:05-2:25p Hybrid Approaches to the Management of Coronary Artery Disease  
**Frank Manetta, MD**
- 2:25-2:45p The Role of SGLT2 Inhibitors in Reducing Cardiovascular Major Adverse Events  
**Nicolas W Shammass, MD, MS**
- 2:45-3:05p Reducing Cardiovascular Risk in the Diabetic with Chronic Kidney Disease  
**Nicolas W Shammass, MD, MS**
- 3:05-3:25p *Refreshment Break / Visit Exhibits*

## **Section 3. Select Abstracts from Young Investigators and Trainees. Moderators:**

**Jürgen Falkensammer, MD, Frank Manetta, MD, Nicolas W. Shammass, MD, MS, Randall W. Franz, MD, RVT, RPVI, Iwan Dakota, MD, PhD**

3:25-3:40p

3:40-3:55p

3:55-4:10p

4:10-4:25p

4:25-4:45p

*Panel Discussion*

4:45 p

*Evaluation, Adjourn*

### ***Industry Sponsored Symposium-Tour Mississippi Distillery in Historic LeClaire***

**5:30 pm – 9:00 pm** *Dinner meeting. Non-CME Program.* We begin this evening with a tour of a Mississippi Distillery in historic LeClair, Iowa, followed by a sponsored event by Amgen with dinner from 6:30 pm – 9:00 pm at the Event Center Conference immediately adjacent to the Mississippi Distillery. The location overlooks the LeClaire Levee and Mississippi River, and is near the Buffalo Bill Museum. LeClaire is home to the American Pickers and the birthplace of William F. Cody (Buffalo Bill). **Space is Limited – Advance Reservation Required. Physician's Cost: Transportation to venue and cash bar. The approximate cost for non-physicians is \$45, depending upon your entree selection. This fee will be paid on-site by the non-physician. There will be a cash bar.**

## ***Friday, September 15, 2023***

7:00-7:45a

Registration / Breakfast/Visit Exhibits

7:45-8:00a

*Welcoming Remarks*

**Randall W. Franz, MD, RVT, RVPI**  
**Iwan Dakota, MD, PhD**

### **Section 5. Cardiovascular Interventions**

**Moderator: James J. Glazier, MD and Josef Veselka, MD, PhD**

8:00-8:25a

OAC and Cardiovascular Risk Reduction

**Subhash Banerjee, MD**

8:25-8:50a

Advances in Cardiovascular Interventions

**Josef Veselka, MD, PhD**

8:50-9:15a

Large Bore Access and Management

**Amir Kaki, MD**

9:15-9:40a

Breaking the Large Bore Barrier for MCS: The Early Experience with the World's Smallest Heart Pump

**Amir Kaki, MD**

9:40-10:05a

Endovascular Procedures in Patients with Ruptured Abdominal Aortic Aneurysms after High Risk Early Percutaneous Coronary Intervention

**Iwan Dakota, MD, PhD**

10:05-10:30a

*Refreshment Break/Interaction with Exhibitors*

### **Section 6. Valvular Disease**

**Moderators: Tahir Tak, MD and Siby P. Saha, MD, MBA**

10:30-10:50a

Mid-Term Results of our Transcatheter Aortic Valve Implantation Registry in Motol University Hospital

**Petr Hájek, MD, PhD**

10:50-11:20a

Post-TAVR Stroke – Clinically Unrecognized Signs and Symptoms

**Arber Koda, MD**

11:20-11:50a

Novel Treatments in Valvular Disease

**TBA**

11:50-12:15p

**TBA**

**Suresh Keshavamurthy, MD**

12:15-1:00p

*Lunch/Exhibitors*

## **Section 7. Advances in Cardiovascular Research**

**Moderator: Randall W. Franz, MD, RVT, RVPI**

- 1:00-1:20p            Approaching CTO in Peripheral Arterial Interventions  
**Subhash Banerjee, MD**
- 1:20-1:40p            Ongoing Clinical Trials in Treating Infrapopliteal Arterial Disease  
**Nicolas W. Shammass, MD, MS**
- 1:40-2:00p            Use of Autologous Bone-Marrow Mononuclear (Stem) Cell Implantation  
Therapy as a Limb Salvage Procedure in Patients with Severe Peripheral  
Vascular Disease  
**Randall W. Franz, MD, RVT, RVPI**
- 2:00-2:20p            Post-Operative Intimal Hyperplasia: Review from My Research  
**Mitsuhiro Yamamura, MD**
- 2:20-2:40p            TBA  
**David Epstein, MD**
- 2:40 – 2:55p            *Evaluations*

## **Tour the Mississippi on the Historic Celebration Belle**

*Arrangements for this evening have been made for a tour on a paddlewheel aboard the “Celebration Belle,” specifically designed for cruising the waterways of the great Mississippi River. This is the Captain’s Dinner Cruise. Boarding time is 6:00 pm, Sailing time 6:30 pm and return at 9:00 pm. The cost per person for this evening is USD \$86 including transportation. There will be a Cash Bar on board. This event requires **Advance Reservations-Reservation Deadline Date is August 1, 2023.***

### ***Saturday September 16, 2023***

- 7:00-7:45a            Registration / Breakfast/Visit Exhibits
- 7:45-8:00a            *Welcoming Remarks*  
**Randall W. Franz, MD, RVT, RVPI**  
**Iwan Dakota, MD, PhD**

## **Section 8. Cardiovascular Disease**

**Moderator: Petr Hájek, MD, PhD**

- 8:00-8:25a            Approach to Cardiovascular Complications in Patients with Covid-19 Infection  
**Tahir Tak, MD**
- 8:25-8:50a            Multidisciplinary Approach in the Management of Coronary Artery Disease  
**Frank Manetta, MD**
- 8:50-9:15a            The Role of Soluble Guanylate Cyclase Stimulators in Reducing Adverse  
Cardiac Events in Patients with Reduced Ejection Fraction  
**Nicolas W. Shammass, MD, MS**
- 9:15-9:40a            Monitoring the Diabetic Patient for Optimal Intervention  
**Danita Harrison, ARNP**
- 9:40-10:05a            TBA
- 10:05-10:30a            *Refreshment Break/Interaction with Exhibitors*

## **Section 9. Interesting Case Presentations**

**Moderator: TBA**

*10:30-10:50a*

*10:50-11:20a*

*11:20-11:50a*

*11:50-12:15p*

*12:15p*      *Evaluation and Adjourn*

***Wednesday, September 13–Friday, September 15, 2023***

## **Section 10. Poster Presentations**

Left Ventricular Assist Device (LVAD) in the Management of Heart Failure. A Single Center Experience

**Samuel R. Karem, BA**

Comparative Efficacy of Hypertension Management Strategies

**Alejandro Alvarez Betancourt, MD**