

6th Annual

ADVANCES IN CARDIOVASCULAR DIAGNOSIS & THERAPY



THURSDAY, APRIL 11, 2019

Radisson Hotel & Conference Center
1220 1st Avenue, Coralville, Iowa

Provided by:

Department of Internal Medicine, Division of Cardiovascular Medicine
University of Iowa Roy J. and Lucille A. Carver College of Medicine

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 **UNIVERSITY OF IOWA**
CARVER COLLEGE
OF MEDICINE

University of Iowa Health Care

PROGRAM AGENDA

THURSDAY, APRIL 11, 2019

Radisson Hotel & Conference Center
1220 1st Avenue, Coralville, Iowa

- 7:45–8:15 AM **Continental Breakfast and Check-in**
- 8:15–8:25 AM **Welcome and Announcements**
Michael C. Giudici, MD, FACC, FACP, FHRS
and Barry London, MD, PhD
- 8:30–9:15 AM ***Bedside and Sophisticated Cardiovascular Imaging***
Kan Liu, MD, PhD
- 9:15 AM–10:00 AM ***Case Study Part 1***
Advanced Therapies for Systolic Heart Failure
Katie Halbmaier, DNP, ARNP
Jay K. Bhamra, MD
Alexandros Briasoulis, MD, PhD
- 10:00–10:15 AM **Morning Break**
- 10:15–11:00 AM ***Heart Disease in Women***
Milena A. Gebska, MD, PhD
- 11:00–11:45 AM ***State of the Art Transcatheter Valves Therapy***
Firas Zahr, MD
- 12:00–1:00 PM **Lunch**
- 1:00–1:45 PM ***Case Study Part 2 (Mitroclip)***
Treatment Options for Severe Mitral Regurgitation
Suzanne Hennings, MSN, ARNP
Firas Zahr, MD
Mohammad Bashir, MBBS
Ramzi El Accaoui, MD
- 1:45–2:15 PM ***Considerations in Adult ECMO***
Archit Sharma, MD
- 2:15–2:30 PM **Afternoon Break**
- 2:30–3:15 PM ***Evaluation of Syncope***
Steve Bailin, MD
- 3:15–4:00 PM ***Trends in Hospitalization, Management and Clinical Outcomes Among Veterans With Critical Limb Ischemia***
Amgad Mentias, MD
- 4:00–4:15 PM **Closing Remarks and Nursing Evaluation Forms**
Michael Giudici MD, FACC, FACP, FHRS
- 4:15 PM **Adjourn**

PURPOSE

Cardiovascular Medicine is rapidly evolving to new evidence on medical, interventional and surgical therapies. The conference would assist primary care providers and cardiologists alike in staying current as to advances in the cardiovascular field. This educational program will present the latest techniques, technologies, devices and therapies available for the diagnosis and treatment of atrial fibrillation arrest, heart failure, pulmonary hypertension, ischemic cardiac disease and valvular disease. The evidence-based information provided will benefit nursing, advanced practice and physician members of medical teams.

EDUCATIONAL OBJECTIVES

Beside and Sophisticated Cardiovascular Imaging

- Discuss the different applications and significances of bedside and sophisticated cardiovascular imaging methods in the particular clinical conditions
- Identify the importance of multi-specialty expertise and multi-modality imaging in contemporary cardiovascular medicine
- Propose the approaches to integrate bedside echocardiography with other fast-evolving advanced cardiovascular imaging, including research orientated integrative techniques

Advanced Therapies for Systolic Heart Failure

- Describe a case of interdisciplinary care involving the cardiomyopathy and cardiothoracic surgery teams
- Discuss indications for referral to specific heart failure services
- Explain the approach to care for those with advanced cardiomyopathy

Heart Disease in Women

- Recognize prevalence and risk factors for cardiovascular disease in women
- Identify gender differences in physiology, presentation and management of cardiovascular disease
- Define MINOCA / INOCA. (myocardial infarction/ ischemia and no obstructive coronary artery disease)

State of the Art Transcatheter Valves Therapy

- Describe the pathophysiology of heart valve abnormalities and identify appropriate imaging options for diagnosis of valvular disease
- Explain the evolution of valve therapies for aortic and mitral valve disease
- Identify interventional techniques for treatment and outline current guidelines for transcatheter aortic valve replacement and mitra clip procedures
- Evaluate future interventional and surgical strategies for valvular heart disease

Treatment Options for Severe Mitral Regurgitation

- Define etiologies of mitral regurgitation, i.e. degenerative vs functional
- Outline diagnostic testing to assess severity and etiology of mitral regurgitation
- Distinguish therapies for severe mitral regurgitation, i.e. surgical vs. transcatheter
- Examine transcatheter options for treatment of severe mitral regurgitation

Considerations in Adult ECMO

- Review the concept of ECMO
- Identify the 2 types of ECMO
 - Veno-Venous
 - Veno-Arterial
- List the indications and contraindications of ECMO support
- Discuss the management of ECMO patients

Evaluation of Syncope

- Evaluation of patients with syncope
- Distinguish mechanisms of syncope
- Determine appropriate therapy and referral

Trends in Hospitalization, Management and Clinical Outcomes Among Veterans With Critical Limb Ischemia

- Describe temporal trends in the incidence of critical limb ischemia (CLI) among Veterans
- Describe contemporary management and outcomes associated with CLI in the Veterans Health Administration (VHA)
- Identify opportunities for improving care of CLI in the VHA

CONTINUING EDUCATION CREDIT

Physician: The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Iowa Roy J. and Lucille A. Carver College of Medicine designates this live activity for a maximum of 5.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurse: 5.5 contact hours will be granted by University of Iowa Hospitals and Clinics Department of Nursing (IBN Approved Provider #34). Participants must attend the entire program to receive full credit. Questions concerning nursing credits should be directed to the Nursing Clinical Education Center at (319) 356-4304.

INTENDED AUDIENCE

Cardiologists, vascular and cardiothoracic surgeons, primary care providers, internists, ARNPs, PAs, nurses or any cardiologist related medical personnel.

DISCLOSURE POLICY

Everyone in a position to control the content of this educational activity will disclose to the CME provider and to attendees all relevant financial relationships with any commercial interest.

PROGRAM FACULTY

Guest Faculty

**Firas Zahr, MD**

Director of Interventional Cardiology; Co-Director of Complex Heart Valve Program
Assistant Professor of Medicine,
Division of Cardiovascular Medicine, School of Medicine
Oregon Health & Science University

University of Iowa Health Care Faculty

**Michael C. Giudici, MD, FACC, FACP, FHRS**

Course Director
Clinical Professor of Internal Medicine
Cardiovascular Medicine
Director of Arrhythmia Services

**Ramzi El Accaoui, MD**

Course Director
Clinical Associate Professor
of Internal Medicine
Cardiovascular Medicine

**Barry London, MD, PhD**

Professor of Internal Medicine
Cardiovascular Medicine
Potter Lambert Chair in Internal Medicine
Director, Division of Cardiovascular Medicine
Director, Abboud Cardiovascular Research
Center

**Suzanne Hennings, MSN, ARNP**

Course Co-Director
Nurse Practitioner
Department of Internal Medicine

**Kan Liu, MD, PhD**

Director, Echocardiology Lab
Echo/Cardiovascular Imaging Medical Director
Clinical Associate Professor of Internal
Medicine
Cardiovascular Medicine

**Milena A. Gebska, MD, PhD**

Clinical Associate Professor
of Internal Medicine
Cardiovascular Medicine

**Katie Halbmaier, DNP, ARNP**

Nurse Practitioner
Department of Internal Medicine

**Mohammad Bashir, MBBS**

Clinical Associate Professor,
Division of Cardiothoracic Surgery
Surgical Director,
Structural Heart Disease Program
Clinical Associate Professor of Surgery -
Cardiothoracic Surgery

**Jay K. Bhamra, MD**

Clinical Professor
Section Chief, Adult Cardiac Surgery
Surgical Director, Cardiac Transplant and
Mechanical Circulatory Support
Clinical Professor of Surgery
Cardiothoracic Surgery

**Archit Sharma, MD**

Clinical Assistant Professor
Divisions of Cardiothoracic Anesthesiology,
Solid Organ Transplant and Critical Care
Department of Anesthesiology

**Alexandros Briasoulis, MD, PhD**

Clinical Assistant Professor
of Internal Medicine
Cardiovascular Medicine

**Steven Bailin, MD**

Clinical Associate Professor
of Internal Medicine
Cardiovascular Medicine

University of Iowa Health Care Fellow

**Amgad Mentias, MD**

Chief Fellow
Cardiovascular Medicine
Department of Internal Medicine

Planning Committee

Barry London, MD, PhD

Ramzi El Accaoui, MD

Suzanne Hennings, MSN, ARNP

Michael C. Giudici, MD, FACC, FACP, FHRS

Hailey Hebl

REGISTRATION FORM

6th Annual Advances in Cardiovascular Diagnosis & Therapy

Thursday, April 11, 2019

Please Print Clearly:

Name _____

Address _____

City _____

State/ZIP _____

Phone _____

(business)

(home)

Email _____

Primary Degree _____

Specialty _____

For Office Use Only PN 28973

REGISTRATION FEES

Physician, registering on or before March 2, 2019 @ \$100

\$ _____

Physician, registering after March 2, 2019 @ \$125

\$ _____

Physician Assistants or ARNPs @ \$75

\$ _____

RNs, or other health care professionals @ \$65

\$ _____

University of Iowa fellows, residents, students @ \$35

\$ _____

REFUND POLICY

Any cancellations received before March 2, 2019 will be granted minus a \$20 processing fee. There will be no refunds after March 2. Weather related cancellations will be dealt with as the situation arises.

METHOD OF PAYMENT

Enclosed is a check made payable to The University of Iowa in the amount of \$ _____

TWO WAYS TO REGISTER



Online

<http://www.medicine.uiowa.edu/cme>
and click on **Upcoming Programs**
(see the website above for more
information about this conference)



Mail (For Checks Only)

University of Iowa College of Medicine
Continuing Medical Education Division
100 Medicine Administration Bldg.
Iowa City, IA 52242-1101



For further information, contact:

Continuing Medical Education Division
University of Iowa Roy J. and Lucille A.
Carver College of Medicine
100 Medicine Administration Bldg.
Iowa City IA 52242-1101
Phone: (319) 335-8599

The University of Iowa requests this information for the purpose of processing your registration. No persons outside the University of Iowa are routinely provided this information.

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Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Continuing Medical Education Division in advance at 319/335-8599.



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