

# Clinical Advances in Heart Failure, Arrhythmias and Cardiogenic Shock Symposium

**April 26–27, 2024**

Sheraton San Diego Hotel & Marina  
*San Diego, California*



Visit [www.scripps.org/heartcme](http://www.scripps.org/heartcme) for complete conference details and to register!

# COURSE INTRODUCTION

## Course Overview

Significant advances in the diagnosis and management of heart failure and arrhythmias continue to emerge, compelling the practice of cardiology to constantly evolve. These advances must be consistently implemented into clinical practice to guarantee the best care for patients affected by these cardiovascular conditions. The Clinical Advances in Heart Failure, Arrhythmias, and Cardiogenic Shock Symposium is designed to assist clinicians in correctly diagnosing, treating, and managing patients with arrhythmias and heart failure. In addition, the symposium will outline optimal strategies for managing cardiogenic shock as well as new and emerging techniques for diagnosing and treating various cardiomyopathies. The symposium is dedicated to providing insight and practical tips with regard to integrating scientific evidence into clinical practice. The goal of the conference is for participants to return to their facilities equipped with the latest evidence base and strategies to improve patient outcomes.

## Educational Objectives

**After attending this live activity, participants should be able to:**

- Incorporate current and emerging clinical evidence in the assessment, treatment, and management of patients with challenging cardiovascular disease.
- Identify guideline-recommended treatment algorithms for heart failure.
- Compare pharmacological and device therapies for cardiogenic shock.
- Identify racial and gender disparities in cardiac device selection.
- Evaluate current and emerging treatment options for cardiac amyloidosis.
- Discuss diagnosis and treatment considerations for patients with cardiac sarcoidosis.
- Assess device-based therapies for heart rhythm disorders.
- Employ new interdisciplinary care team strategies to enhance the prevention, diagnosis, and management of various types of heart disease.

## Target Audience

- Cardiologists
- Electrophysiologists
- Internists
- Cardiology Nurses/Nurse Practitioners/Physician Assistants
- Cardiovascular Technicians
- Sonographers

## Accreditation, Maintenance of Certification and Disclosure

### Physicians

Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Scripps Health designates this live activity for a maximum of 12.50 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Nurses and Nurse Practitioners

For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit(s)*<sup>™</sup> issued by organizations accredited by the ACCME.

The American Academy of Nurse Practitioners Certified Program (AANPCP) and the American Association of Nurse Practitioners (AANP) accept *AMA PRA Category 1 Credit(s)*<sup>™</sup> from organizations accredited by the ACCME.

### Physician Assistants

PAs may claim a maximum of 12.50 Category 1 credits for completing this activity. NCCPA accepts *AMA PRA Category 1 Credit(s)*<sup>™</sup> from organizations accredited by the ACCME.

### Pharmacists

The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for *AMA PRA Category 1 Credit(s)*<sup>™</sup>.

### American Board of Internal Medicine MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 12.50 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

### American Board of Pathology MOC

Successful completion of this CME activity enables the learner to earn 12.50 Lifelong Learning (CME) credit toward the CME requirement(s) of the American Board of Pathology's Continuing Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP credit.

### Commercial Support

This course is supported, in part, by educational grants from industry. In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, a complete list of commercial support received will be provided to all learners who participate in the continuing education activity. For more information: [www.accme.org/standards](http://www.accme.org/standards).



## Course Directors

### **Rola Khedraki, MD, FACC**

Advanced Heart Failure  
and Transplant Cardiology  
Mechanical Circulatory Support Program  
Cardiac Amyloidosis Program  
Scripps Clinic  
La Jolla, California

### **Rajeev Mohan, MD**

Director, Cardio-Oncology and Cardiac  
Amyloidosis Program  
Advanced Heart Failure and Mechanical  
Circulatory Support Program  
Scripps Clinic  
La Jolla, California

## Planning Committee

### **Douglas Gibson, MD, FHRS**

Director, Cardiac Electrophysiology Laboratory  
Scripps Clinic  
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### **J. Thomas Heywood, MD, FACC**

Director, Advanced Heart Failure  
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Cardiac Electrophysiology  
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### **John Rogers, MD, FACC, FHRS**

Associate Chief, Cardiology  
Director, Cardiac Pacing and Tachyarrhythmia  
Device Therapy  
Scripps Clinic  
La Jolla, California

### **Ajay Srivastava, MD, FACC**

Advanced Heart Failure and Mechanical  
Circulatory Support Program  
Scripps Clinic  
La Jolla, California

## Conference Faculty

### **Mir Babar Basir, DO, FACC, FSCAI**

Director of the STEMI Program  
Director of the Acute Mechanical Circulatory  
Support Program  
Henry Ford Hospitals  
Detroit, Michigan

### **Aditya Bharadwaj, MD, FACC, FSCAI**

Associate Professor of Medicine,  
Interventional Cardiology  
Director of Complex Coronary Interventions  
Chair of CV Research and Outreach Program  
Associate Program Director,  
Interventional Cardiology Fellowship  
Loma Linda University Health Care  
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### **Sanjeev Bhavnani, MD, FACC**

Senior Cardiologist  
Scripps Clinic  
La Jolla, California

### **Ulrika Birgersdotter-Green, MD, FACC, FHRS**

Professor of Medicine  
Division of Cardiology  
Director, Pacemaker & ICD Service  
Sulpizio Cardiovascular Center  
UC San Diego Health  
La Jolla, California

### **Barry Borlaug, MD, FACC**

Consultant  
Chair for Research  
Division of Circulatory Failure,  
Department of Cardiovascular Medicine  
Professor of Medicine  
Mayo Clinic  
Rochester, Minnesota

### **Kelly Cordero, MSN, CNS, ANP-BC**

Heart Failure and Recovery Program Coordinator  
Scripps Health  
San Diego, California

### **Juliann Eigner, MBA, RN, CCRN**

Cardiovascular Specialties Program Manager  
Scripps Health  
San Diego, California

### **Jessica Funk, MSN, FNP-BC**

Structural Heart Coordinator  
Interventional Cardiology  
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### **Ariel Hugh, DNP**

Cardiovascular Disease Nurse Practitioner  
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La Jolla, California

### **Daniel Jones, MD**

Pulmonary Disease and Critical Care Medicine  
Scripps Memorial Hospital La Jolla  
La Jolla, California

### **Ahmad Masri, MD, MS, FACC**

Director, Hypertrophic Cardiomyopathy Center  
Director, Cardiac Amyloidosis Program  
Assistant Professor of Medicine  
Oregon Health & Science University  
Portland, Oregon

### **Martin Nichols, JD**

DLA Piper  
San Diego, California

### **Matthew Price, MD, FACC, FSCAI**

Clinical Professor of Medicine  
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### **Purvi Parwani, MBBS, MPH, FACC**

Associate Professor of Medicine and Radiology  
Loma Linda University Medical Center  
Director, Women's Cardiovascular Disease Clinic  
Loma Linda International Heart Institute  
Loma Linda, California

### **Nosheen Reza, MD, FACC, FHFA**

Assistant Professor of Medicine  
Penn Center for Inherited Cardiovascular Disease  
Director, Penn Women in Cardiology Program  
Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania

### **Julie Rosenthal, MD, FACC**

Advanced Heart Failure and Transplant  
Cardiologist  
Departments of Surgery and Cardiovascular  
Medicine  
Mayo Clinic  
Phoenix, Arizona

### **Jacinta Tran, MSN, FNP-C**

Cardiac Nurse Practitioner  
Scripps Clinic  
La Jolla, California

### **Poulina Uddin, MD**

Director, Scripps Women's Heart Center  
General and Invasive Cardiology  
Integrative and Holistic Medicine  
Scripps Mercy Hospital  
Scripps Clinic  
La Jolla, California

## Faculty Disclosure

In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, course directors, planners, moderators, faculty, and all others in control of the educational content of the continuing education activity must disclose all financial relationships with ineligible companies that they may have had within the past 24 months. If an individual refuses to disclose financial relationships, they will be disqualified from being a part of the planning and implementation of the activity. Owners and/or employees of an ineligible company with business lines or products relating to the content of the activity will not be permitted to participate in the planning or execution of any accredited program. All relevant financial relationships with ineligible companies listed for individuals in control of content have been mitigated.

A complete listing of faculty disclosures associated with this program can be found on the conference website: [www.scripps.org/heartcme](http://www.scripps.org/heartcme).



# CONFERENCE AGENDA

**Friday, April 26, 2024**

7 a.m. Registration, Breakfast & View Exhibits

7:55 a.m. **Welcome & Educational Overview**

## **SESSION I**

**Moderator: J. Thomas Heywood, MD**

8 a.m. **Guideline Directed Medical Therapy for Heart Failure**  
J. Thomas Heywood, MD

8:15 a.m. **What's New in HFpEF?**  
Rajeev Mohan, MD

8:30 a.m. **HFpEF in Women**  
Barry Borlaug, MD

8:45 a.m. **Obesity in Patients with Heart Failure and Atrial Fibrillation**  
Barry Borlaug, MD

9 a.m. **Advanced Therapies for Heart Failure**  
Nosheen Reza, MD

9:15 a.m. **Panel Discussion/Q&A**

9:45 a.m. Break & View Exhibits

## **SESSION II**

**Moderator: Rola Khedraki, MD**

10:15 a.m. **Stages of Shock**  
Babar Basir, DO

10:30 a.m. **Which Device for Which Patient in Shock?**  
Nosheen Reza, MD

10:45 a.m. **Shock with Pulmonary Emboli**  
Daniel Jones, MD

11 a.m. **Elements of an eCPR Program: From Compressions to Hospital Discharge**  
Juliann Eigner, MBA, RN, CCRN

11:15 a.m. **Hub and Spoke Model**  
Babar Basir, DO

11:30 a.m. **Right Ventricular Failure**  
Aditya Bharadwaj, MD

11:45 a.m. **Panel Discussion/Q&A**

12:15 p.m. Lunch

12:15–1 p.m. **Non-CME Lunch Symposium**  
*Hosted by Bristol Myers Squibb*  
**Redefining the Treatment Landscape for Symptomatic NYHA Class II–III Obstructive Hypertrophic Cardiomyopathy with the First and Only FDA-Approved Cardiac Myosin Inhibitor**  
Rajeev Mohan, MD

## **SESSION III**

**Moderators: Rola Khedraki, MD and Nicholas Olson, MD**

1:15 p.m. **Arrhythmia and Palpitations in Women**  
Ulrika Birgersdotter-Green, MD

1:30 p.m. **Pulmonary Hypertension: Heart vs. Lung**  
J. Thomas Heywood, MD

1:45 p.m. **Racial and Gender Disparities in Cardiac Device Selection**  
Poulina Uddin, MD

2 p.m. **AI in Cardiovascular Medicine**  
Sanjeev Bhavnani, MD

2:15 p.m. **Device Based Treatment in HFrEF**  
Rajeev Mohan, MD

2:30 p.m. **Panel Discussion/Q&A**

3 p.m. Break & View Exhibits

## **SESSION IV**

**Moderators: Rajeev Mohan, MD and John Rogers, MD**

3:15 p.m. **Amyloid Diagnosis and Treatment**  
Julie Rosenthal, MD

3:30 p.m. **Management of Arrhythmias in Amyloid**  
Rola Khedraki, MD

3:45 p.m. **Hypertrophic Cardiomyopathy: Medical Management**  
Ahmad Masri, MD, MS

4 p.m. **Hypertrophic Cardiomyopathy: Device-based Management**  
Ahmad Masri, MD, MS

4:15 p.m. **Patient Perspective**  
Martin Nichols, JD

4:30 p.m. **Panel Discussion/Q&A**

5 p.m. Adjourn

Scan here for conference changes, updates and additions!



### **Registration Rates**

	Thru Feb 26	Feb 27–Apr 23	After Apr 23
Physicians (MD, DO, MBBS)	\$450	\$500	\$550
RN, NP, PA, Other	\$325	\$375	\$425
Students, Residents, Fellows	\$150	\$200	\$250

# CONFERENCE AGENDA

**Saturday, April 27, 2024**

7 a.m. Breakfast & View Exhibits

7:55 a.m. **Welcome & Morning Announcements**

## **SESSION V**

**Moderator: Ajay Srivastava, MD**

8 a.m. **Advanced Imaging for the Diagnosis of Cardiomyopathies**  
Purvi Parwani, MBBS, MPH

8:15 a.m. **Ventricular Tachycardia in Ischemic Cardiomyopathy**  
Douglas Gibson, MD

8:30 a.m. **Ventricular Tachycardia in Non-Ischemic Cardiomyopathy**  
John Rogers, MD

8:45 a.m. **Sarcoid Diagnosis and Treatment**  
Ajay Srivastava, MD

9 a.m. **Management of Arrhythmias in Sarcoid**  
Nicholas Olson, MD

9:15 a.m. **Imaging Case Studies in Cardiomyopathies**  
Purvi Parwani, MBBS, MPH

9:30 a.m. **Panel Discussion/Q&A**

10 a.m. Break & View Exhibits

## **SESSION VI**

**Moderator: Douglas Gibson, MD**

10:30 a.m. **Leadless Pacemakers**  
Nicholas Olson, MD

10:45 a.m. **Pulsed-Field Ablation to Treat Atrial Fibrillation**  
Douglas Gibson, MD

11 a.m. **Advances in Physiologic Pacing**  
John Rogers, MD

11:15 a.m. **Advances in Left Atrial Appendage Occlusion for Stroke Prevention**  
Douglas Gibson, MD

11:30 a.m. **Panel Discussion/Q&A**

Noon Lunch

12:15–1 p.m. *Non-CME Lunch Symposium  
Hosted by AstraZeneca*

## **SESSION VII**

**Moderators: Douglas Gibson, MD  
and Ajay Srivastava, MD**

1:15 p.m. **Optimizing Bi-V Pacing in Heart Failure**  
Jacinta Tran, FNP

1:30 p.m. **Latest in Mitral and Tricuspid Intervention**  
Matthew Price, MD

1:45 p.m. **Running a Structural Heart Program**  
Jessica Funk, MSN, FNP-BC

2 p.m. **Remote Monitoring in Patients with Heart Failure**  
Ariel Hugh, DNP

2:15 p.m. **Systems-based Approach to Heart Failure**  
Kelly Cordero, MSN, CNS, ANP-BC

2:30 p.m. **Panel Discussion/Q&A**

3 p.m. Adjourn

*Topics, times, and speakers are subject to change*

## **Sheraton San Diego Hotel & Marina**

1380 Harbor Island Drive, San Diego, California 92101

Reservations: 888-236-2427

Visit [www.scripps.org/heartcme](http://www.scripps.org/heartcme) to reserve a discounted room

### **Rates and Reservations**

Please make your own hotel reservations and request the Scripps conference reduced rate of \$269 per night (plus tax and parking). This low rate also includes no resort fee, discounted overnight self-parking, and complimentary guestroom internet service. A block of rooms is being held for us at the special rate of \$269 per night **until Thursday, April 4, 2024 or until the room block fills, whichever comes first.** After this date, reservations will be accepted on a space and rate availability basis only. Be sure to mention that you are attending the Scripps conference when making your reservations to receive the reduced rate.

**Please note:** Attendees who book their room through an online, third-party service (Hotels.com®, Expedia.com®, Priceline.com®, etc.) are not eligible to receive the amenities listed above.

## **REGISTER ONLINE:**

[www.scripps.org/heartcme](http://www.scripps.org/heartcme)

**Included:** Course tuition, breakfast, breaks, lunch, internet access, electronic course materials, and course recordings

**Not Included:** Travel costs, lodging, parking, and dinner

### **Attendee Cancellation, Substitution and Refund**

The course tuition is refundable, minus a \$100 processing fee (MD, DO, RN, PA, NP) or a \$50 processing fee (Fellow, Resident, Student), if your cancellation is received in writing no later than **Friday, April 12, 2024.** Attendee substitutions are allowed, but notification must be made in writing by **Friday, April 12, 2024.** After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to “no shows.” No refunds shall be made for cancellations due to inclement weather.

For a full list of cancellation policies, please visit the conference website.



**Scripps Conference Services & CME**

4275 Campus Point Court, CPB205  
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A large, stylized graphic of a human heart in red and orange, with blue and red branching vessels. In the background, there is a faint ECG (heart rate) line. The entire graphic is set against a dark blue background with a subtle grid pattern.

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