

CME INFORMATION

Chicago Hemodynamic Forum November 14, 2025 Chicago, IL

Target Audience

This activity is designed to meet the educational requirements for Cardiologists, Intensivists, Internists, Nurses, Advanced Practice Providers, and Trainees.

Overview

The purpose of this educational activity is to initiate a national conversation about standardization of right heart catheterization. The goal of this conference is to discuss best practices in hemodynamic assessment and interpretation across the spectrum of cardiovascular disease processes.

Learning Objectives

- Identify best practices for performing and interpreting invasive hemodynamic measurements and waveforms.
- Interpret hemodynamic assessment via pressure-volume loops, as well as methods for their direct and in-direct measurement.
- Recognize hemodynamic prognosticators of advanced heart failure, cardiogenic shock, and myocardial recovery.
- Comprehend the concepts of advanced hemodynamic metrics and their relationship to myocardial energetics.
- Differentiate between phenotypes of heart failure with preserved ejection fraction (HFpEF) based on underlying hemodynamics.
- Describe the pros and cons of supine versus upright invasive hemodynamic exercise testing.
- Describe improved hemodynamic targets for clinical trial design for HFpEF, pulmonary hypertension, and cardiogenic shock.
- Identify equipment needed for a modern invasive hemodynamic cardiac catheterization laboratory.
- Interpret invasive hemodynamic cardiopulmonary exercise stress testing results.
- Demonstrate an understanding of hemodynamic changes seen with durable left ventricular assist device support, including in the peri-operative, chronic, and exercise settings.
- Comprehend the current hemodynamic effects of durable left ventricular assist device (LVAD) support, as well as opportunities to optimize hemodynamics with future iterations of the technology.
- Define key right ventricular concepts such as right ventricular-pulmonary arterial coupling and right ventricular reserve.
- Identify acute vs chronic changes in pulmonary hemodynamics in the setting of pulmonary embolism.
- Improve their interpretation of invasive hemodynamics in patients requiring mechanical ventilation, with and without pulmonary hypertension.
- Comprehend the anticipated impact of artificial intelligence on hemodynamic technology.
- Improve their understanding of engineering opportunities and limitations to improve hemodynamic-related cardiac devices.

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of *CMEsolutions* and Gaffney Events and The University of Chicago Heart and Vascular Center. The *CMEsolutions* is accredited by the ACCME to provide continuing medical education for physicians.

The *CMEsolutions* designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Internal Medicine (ABIM) MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 6.5 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.

ABIM MOC points will be reported within 30 days of claiming credit.

PARTICIPATION REQUIREMENTS

1. Read CME Information.
2. Attend/Participate in Sessions – credit given commensurate with attendance.
3. Log onto the following URL: <https://www.online-med-edu.com/chf/111425/cme>
4. Complete evaluation, credit request form, ABIM MOC request, and download or print credit statement/certificate. MOC credit will appear in your ABIM account within 30 days after successful completion of your request.

Participants have 60 days to claim credit.

ABIM MOC points will be reported within 30 days of claiming credit.

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FACULTY DISCLOSURES

The planners and faculty for this activity do not have relevant relationships with ACCME-defined ineligible companies to disclose unless listed below. All relevant relationships were mitigated prior to the start of this activity.

Name	Ineligible Company	Relationship
Mohammed Imran Aslam, MD	Teleflex; Gradient Therapeutics	Consulting
Mark N. Belkin, MD, PhD	Bayer	Consulting
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	Amgen; Aria; Boehringer Ingelheim; Edwards Lifesciences; Eli Lilly; Jansen; Merck; Novo Nordisk; NGM Bio; ShouTi; VADovations	Consulting
Kevin Bourque, MSME	Corvion Inc.; ViVacor Inc.	Consulting
Daniel Burkhoff, MD, PhD	Abiomed	Teaching and Speaking
	Boston Scientific; Edwards Lifesciences; Impulse Dynamics; Corvia Medical	Consulting
	Aquapass	Stock Options
	Orchestra Biomedical	Stock
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	Johnson and Johnson Med Tech	Research, Consulting, Teaching and Speaking
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	Impulse Dynamics; CareDx; Johnson & Johnson; Merck	Advisor or review panel participant
Jennifer A. Cowger, MD	Abbott, Inc	Research, Consulting, Advisor or review panel participant, Teaching and Speaking
	BrioHealth Solutions	Research, Advisor or review panel participant

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	Novartis	Research
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	Gossamer; Allorock	Research
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	Keros; JucaBio	Consulting
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	BrioHealth	Teaching and Speaking
	Restore Medical	Research, Teaching and Speaking
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	Abiomed	Research, Advisor or review panel participant
	Fire1	Research, Consulting

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- **United Therapeutics Corporation**

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