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Deconstructing the pump: hemodynamics 101

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Purpose

Heart failure is the progressive stage of most cardiac illness and the only cardiovascular disease rising in incidence, prevalence and mortality. The treatment for heart failure has changed dramatically and become more complex in the past 10 years. In this symposium, we will present up-to-date knowledge to help clinicians and allied health providers identify, evaluate and treat heart failure and related conditions.

Audience

This symposium will be of value to Cardiovascular Surgeons, Cardiologists, Internal Medicine, Hospital Medicine, Family Practice, mid-level providers, allied health professionals and subspecialty trainees. It will also be of interest to fellows, residents and allied health staff with an interest in heart failure.

Objectives

At the end of the course, participates should be better able to:

- Encourage application of primary and secondary preventive measures to reduce the incidence, prevalence and the economic burden of heart failure
- Know the most current evidence-based diagnostic & therapeutic strategies in heart failure & pulmonary hypertension
- Highlight innovation in the field of advanced heart failure
- Understand prognosis and outcomes of various treatment strategies employed in managing heart failure.

About Milwaukee

Milwaukee is the largest city in the state of Wisconsin. Well known for its brewing traditions, Milwaukee is experiencing its largest construction boom since the 1960s. Major new additions to the city in the past two decades include the Milwaukee Riverwalk, Wisconsin Center, Miller Park an expansion to the Milwaukee Art Museum, and the Milwaukee Repertory Theater. The Wisconsin Entertainment and Sports Center is scheduled to open in 2018. Most of these sights are within walking distance to the symposium.

Milwaukee is home to first-class entertainment and performing arts, unique museums, great restaurants and miles of lakefront, and that's just the beginning. Come and see for yourself!

Course Directors

Nasir Z. Sulemanjee MD, FACC, FHFSA – Clinical Adjunct Associate Professor*; Program Director, Advanced Heart Failure Fellowship, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI

Vinay Thohan, MD FACC, FASE – Clinical Adjunct Professor*; Director, Center of Advanced Heart Failure Therapies, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI

Frank Downey, MD – Surgical Director, Heart Transplantation and Mechanical Circulatory Support, Aurora Health Care, Milwaukee, WI

Keynote Speaker: **Barry H. Greenberg, MD, FHFSA** - Director, Advanced Heart Failure Treatment Program Professor of Medicine UC San Diego Health.

Faculty

Tanvir Bajwa, MD, FACC, FSCAI – Associate Head, Cardiovascular Disease Section, Director, Cardiac Catheterization Laboratory, Director, Interventional Fellowship Program.

Rosanne Champagne, ANP-BC, APNP - Nurse Practitioner, Advanced Heart Failure Clinic, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Omar Cheema MD, FACC – Advanced Heart Failure and Transplant Cardiologist, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

John Crouch, MD – Cardiothoracic Surgeon, Aurora Medical Group, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Asad Ghafoor, MD – Advanced Heart Failure & Transplant Cardiologist, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

T. Edward Hastings, DO FACC - Advanced Heart Failure and Transplant Cardiologist, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI

Chad Hockers, RN, BSN – Advanced Heart Failure Coordinator, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Renuka Jain, MD - Renuka Jain, MD, FACC – Clinical Adjunct Assistant Professor of Medicine*, Cardiologist and Echocardiologist, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Owais Malick, MD – Heart Failure Fellow, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI

Eric Roberts, MD – Advanced Heart Failure & Transplant Cardiologist, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Christina Sauld, APNP – Nurse Practitioner, Advanced Heart Failure Clinic, Aurora St. Luke's Medical Center, Milwaukee, WI.

A. Jamil Tajik, MD, FACC - Clinical Adjunct Professor of Medicine*, Director, Cardiac Specialty Structural Heart Disease Center, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Batul Vallika, MD – Clinical Adjunct Associate Professor of Medicine,* Aurora Endocrinology & Reproductive Medicine, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee, WI.

Dianne L. Zwicke, MD, FACC, FACP, FCCP – Clinical Adjunct Professor of Medicine*, Aurora St. Luke's Medical Center, Aurora Health Care, Milwaukee WI.

**University of Wisconsin School of Medicine & Public Health*

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Aurora Health Care®
Aurora Sinai Medical Center, Inc.
Attn: Laurel Landis
945 N. 12th Street
Milwaukee, WI 53233



4th Annual

Milwaukee Heart Failure Symposium

May 5, 2018

Intercontinental Hotel Milwaukee Downtown

COURSE DIRECTORS:

Nasir Sulemanjee, MD | Vinay Thohan, MD | Frank Downey, MD

This activity is sponsored by Aurora Health Care

Aurora Health Care®

Wisconsin CHAPTER

Agenda | Saturday, May 5, 2018

7:00 a.m. Registration, Breakfast & Exhibits

7:50 a.m. Welcome & Introductions
Nasir Sulemanjee, MD; Vinay Thohan, MD; Frank Downey, MD

KEYNOTE LECTURE:

8:00 a.m. Challenges in Developing New Therapies for Heart Failure: Lessons Learned from Recent Clinical Trials
Barry Greenberg, MD

SESSION 1: Heart Failure Basics

Moderator: Vinay Thohan, MD

8:30 a.m. Heart Failure - Putting Evidence into Practice
Nasir Sulemanjee, MD

8:55 a.m. Deconstructing the Pump: Hemodynamics 101
Eric Roberts, MD

9:20 a.m. Inherited Cardiomyopathies & Genetics
Asad Ghafoor, MD

9:45 a.m. Pulmonary Hypertension: State of the Art
Dianne L. Zwicke, MD

10:10 a.m. Panel Discussion with Moderator and Session Speakers

10:25 a.m. Break & Exhibits

SESSION 2: It's All About Management!

Moderator: Vinay Thohan, MD

10:45 a.m. Evaluation of Newly Diagnosed Heart Failure – Guideline Based Approach
Omar Cheema, MD

11:10 a.m. Diabetes Management in Heart Failure – Why is it Important?
Batul Valika, MD

11:35 a.m. Multi-Modality Imaging in Heart Failure – Illustrative Cases
Renuka Jain, MD

Noon Panel Discussion with Moderator and Session Speakers

12:15 p.m. Lunch

SESSION 3: Advanced Heart Failure

Moderator: Nasir Sulemanjee, MD

1:15 p.m. Advance Heart Failure Therapies: When to Refer & Why?
Vinay Thohan, MD

1:40 p.m. Percutaneous Mechanical Assist Devices: Indications & Outcomes?
Tanvir Bajwa, MD

2:05 p.m. Mechanical Circulatory Support and Cardiac Transplant in 2018
Frank Downey, MD

2:30 p.m. To Pursue Advanced Heart Failure Therapy or NOT? A Case Based Discussion
Owais Malick, MD & Asad Ghafoor, MD

2:55 p.m. Panel Discussion with Moderator and Session Speakers

3:10 p.m. Break & Exhibits

SESSION 4: Breakout Sessions *(choose one)*

A Practical Issues with Heart Failure

3:30 p.m. Heart Failure Management: Strategies to Improve Quality & Metrics
Christina Sauld, NP

3:55 p.m. Advanced Heart Failure: Journey from Patient Perspective
Facilitator: Chad Hockers, RN; Thomas Hastings, MD

4:10 p.m. Role of Palliative Care: How to discuss prognosis with patients?
Rose Champagne, NP

4:35 p.m. Panel Discussion with Moderator and Session Speakers

B Surgical Aspects of patients with HF

Moderator: Frank Downey, MD

3:30 p.m. LVAD Management: For the Primary Care Provider
Kathy Schultz

4:00 p.m. Hands-On Surgical Workshop
Frank Downey, MD & John Crouch, MD

5:00 p.m. Adjourn

Location

Intercontinental Milwaukee Hotel
139 E. Kilbourn Avenue | Milwaukee, WI 53202

Registration

Online Course Registration

New Continuous Professional Development Learning Platform!

The CPD Learning platform will allow you to take CME courses offered by Aurora and track your CME credits.

If this is your first time logging in, follow the steps below:

- Open your web browser and type in: **https://cpd.aurora.org.** This will take you to the **CPD Learning Platform** homepage.
  - **Aurora email login:** If you have an **Aurora.org** email click Aurora Login on green banner on top right.
  - If prompted enter your Aurora Health Care email and password. If you have logged in before you may automatically be logged in upon clicking on Aurora Login.
- **All other users:** On green banner on top right, click **Visitor Login** and enter your username and password.

***NOTE:** For a new user, click on **Create Account** on the green banner on top right. Complete all required fields, and then click on **Create New Account** at the bottom of the page.

Your information will be stored and you will only have to access if you have any changes.

To find a course and register

- On the home page then click **Courses** across the top.
- You can filter or scroll through each course.
- Click on the course name to be directed to the course home page. Follow the directions to register on the course home page.

For registration related questions, please contact Aurora's Continuing Professional Development Office at cpddepartment@aurora.org or at (414) 219-5490.

Information about the course

Contact Laurel Landis at 414-219-7684 or email to laurel.landis@aurora.org with course related questions.

Refunds

Course fees include a $25 nonrefundable registration fee. Should you cancel up to 72 hours prior to the symposium, all but the $25 registration fee will be refunded. Refunds will not be given after that time.

Course Fee

Fee includes cost of tuition, materials, breaks and lunches. Cancellations received up to 72 hours prior will yield a refund of all but $25 of the fee. No refunds will be made after that time.

Physician & Industry.....$160

Aurora Physician..... $100

Allied Health ..... $ 40
(PA, NP, RN, Fellow, Resident)

Student / Retiree..... $ 35

Parking

Parking will be in the underground lot under the Intercontinental Hotel.
NO PARKING FEES WILL BE COVERED. This helps to keep our registration fees low.

Americans with Disabilities Act

Event staff will be glad to assist you with any special needs (ie, physical, dietary, etc). Please contact Laurel Landis prior to the live event at (414) 219-7684.

Accreditation

Aurora Health Care is accredited by the Wisconsin Medical Society to provide continuing medical education for physicians. Aurora Health Care designates this live activity for a maximum of *7.5 AMA PRA Category 1 Credits*^{TM}. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure of Conflicts of Interest

It is the policy of the Aurora Health Care Office of Continuing Education to ensure balance, independence, objectivity and scientific rigor in all of its sponsored education activities. All participating faculty, course directors and planning committee members are required to disclose to the program audience any financial relationships related to the subject matter of this program. Disclosure information is reviewed in advance in order to manage and resolve any possible conflicts of interest. All faculty and planning committee members have attested that their financial relationships do not affect their ability to present well-balanced, evidence bases content for this activity. Specific disclosure information for each course faculty will be shared with the audience prior to the faculty's presentation.

This event is supported by an unrestricted educational grant from Medtronic. All other support will be disclosed at the event.
Exhibits will be available for viewing at the scheduled breakfast and breaks and will be conveniently located in the ballroom foyer.