2019 COMPREHENSIVE HEART FAILURE
REVIEW COURSE AND UPDATE
The Practical Management of Heart Failure
October 24-27, 2019
Tampa, Florida

2019 PROGRAM
HFSA’s Educational Patient Tools and Resources

Better engage your patients with their treatment plan!

The free Heart Failure Storylines app is ranked #1 in facilitating behavior change based on a Columbia University study. Tell your patients about the app today!

Download our helpful app.
Heart Failure Storylines

www.hfsa.org
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ATTENDEE RESOURCES
Additional resources including presentation slides, reading resources, faculty bios and additional course information can be found at www.hfsa.org/attendeeRC19.

HANDS ON WORKSHOP:
LVAD Therapy for Heart Failure Patients (Non-CME)
Thursday, October 24th | 7:00 PM
Sponsored by Medtronic

Program Description:
As part of the 2019 HFSA Comprehensive Review & Update, Medtronic is sponsoring a non-CME workshop on LVAD therapy and LVAD management. The workshop will be didactic and will include 3 hands-on stations.

The stations will focus on the following topics:
Station 1 - HeartWare™ HVAD™ System overview with hands-on alarms and troubleshooting
Station 2 - HVAD™ Monitor overview, including Lavare and Autologs
Station 3 - HeartWare™ HVAD™ System waveform scenarios

Please join us for this exciting educational opportunity!

Target Audience: Cardiologists, internists, nurses, and other health professionals with a special interest in mechanical support and heart failure.

ACKNOWLEDGEMENT OF SUPPORT
The 2019 Comprehensive Heart Failure Review Course & Update is supported by independent medical education grants from:

Abbott
AstraZeneca
Boston Scientific
Medtronic
Merck
Relypsa

This course is supported by an in-kind donation from:
Vyaire

EXHIBITORS
HFSA would like to thank the following companies for exhibiting at the 2019 Comprehensive Heart Failure Review Course & Update:

Akcea Therapeutics
BioVentrix
About HFSA & Course Information

About HFSA
The Heart Failure Society of America, Inc. (HFSA) represents the first organized effort by heart failure experts from the Americas to provide a forum for all those interested in heart function, heart failure, and congestive heart failure (CHF) research and patient care.

Our Vision
To significantly reduce the burden of heart failure.

Our Mission
Provide a platform to improve and expand heart failure care through collaboration, education, innovation, research, and advocacy.

Membership Information
Membership to the society is open to all health care professionals with an interest in heart failure. For more information about HFSA or to become a member, visit www.hfsa.org.

Course Location
Westin Tampa Waterside
725 S Harbour Island Blvd., Tampa, FL 33602

All activities of the 2019 Comprehensive Heart Failure Review Course will be held at the Westin Tampa Waterside.

On-Site Staff
The following staff will be on-site to assist you:
John Barnes
Chief Executive Officer
Jaime Abreu
Vice President, CME and Educational Programs jabreu@hfsa.org
Cynthia Miranda
Director, Meetings and Educational Programs cmiranda@hfsa.org

Course Overview
The 2019 Comprehensive Heart Failure Review Course builds upon HFSA’s successful 2017 Review and 2018 Board Review Courses by incorporating results of new research studies, increasing focus on practical management recommendations, addressing issues encountered in practice, adding case studies, and providing breakout session in areas of special interest.

Corporate Members
HFSA would like to thank the following companies for their support in 2019:

Gold
Amgen
Cytokinetics

Silver
Abiomed
Akcea Therapeutics
AstraZeneca
Boehringer Ingelheim
Boston Scientific
Bristol-Myers Squibb
Merck
Novartis
Pfizer

Bronze
Abbott
Janssen
Gentinge
Medtronic
MyoKardia
Otsuka
Relypsa
scPharmaceuticals
Course Information

EDUCATION FORMAT
Evidence-based presentations including guideline-based practice recommendations. Breakout sessions and case study sessions focusing on practical management issues.

INTENDED AUDIENCE
Cardiologists, internists, nurses, clinical pharmacists and other health professionals with a special interest in heart failure.

ATTENDEE RESOURCES
Additional resources including presentation slides, reading resources, faculty bios and additional course information can be found at www.hfsa.org/attendeeRC19.

COMPETENCIES ADDRESSED
ABMS core competencies:
• Patient care
• Medical knowledge
• Interpersonal and communication skills
• Professionalism
• Systems-based

ABIM-specified competency areas in advanced heart failure and transplant cardiology:
• Epidemiology and risk factors
• Pathophysiology of heart failure
• Hemodynamics and hemodynamic monitoring
• Heart failure and normal ejection fraction
• Heart failure with renal dysfunction/cardiorenal syndrome
• Diagnostic tests and procedures
• Acute decompensation of chronic heart failure
• Heart failure comorbidities
• Cardiomyopathies
• Pharmacotherapy
• Implantable devices
• Heart transplant
• Mechanical circulatory

LEARNING OBJECTIVES
At the conclusion of this educational activity, participants will be able to:

1. Describe the epidemiology of heart failure and implement strategies for the prevention of heart failure.
2. Describe the pathophysiology of heart failure, including normal physiology and compensatory and maladaptive mechanisms.
3. Assess and track the patient with acute or advanced heart failure, using non-invasive and invasive tests and biomarkers.
4. Implement guideline-based therapy for patients with chronic heart failure, including pharmacologic agents and non-pharmacologic options, such as diet and exercise; and implantable devices.
5. Apply appropriate care strategies for patients with pulmonary hypertension, RV failure, heart failure with preserved ejection fraction, cardiorenal syndrome, peripartum and infiltrative myopathies.
6. Manage comorbidities in patients with chronic heart failure, including sleep disordered breathing, anemia, and depression.
7. Implement strategies for effective disease management of the patient with advanced heart failure, including palliative care and transition to outpatient care.
8. Describe characteristics of optimal candidates for cardiac transplantation or mechanical circulatory support.
9. Apply strategies for atrial and ventricular arrhythmia management.

DISCLAIMER
The 2019 HFSA Comprehensive Review and Update is a forum for the open exchange and discussion of research results and scientific advancements in the field of heart failure. HFSA makes no representation or warranty as to the truth, originality, or accuracy of the information presented nor are the views expressed by the individual speakers necessarily the views of HFSA. HFSA supports the ACCME policy on evidence-based content and encourages faculty to adhere to these standards when preparing a presentation.
The Heart Failure Society of America is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Heart Failure Society of America designates this live activity for a maximum of 18.50 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Successful completion of this CME activity, which includes participation in the post course evaluation with a passing score of 75% on the posttest, enables the participant to earn up to 18.50 MOC points in the Maintenance of Certification (MOC) program.

Participants wishing to claim MOC must complete requirements no later than Monday, November 25, 2019. This will allow time for the CME activity provider to submit the participant’s completion information to ACCME for the purpose of granting ABIM MOC credit.

This activity has been submitted to the Ohio Nurses Association for approval to award contact hours. The Ohio Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation (OBN-001-91).

Additional resources including presentation slides, reading resources, faculty bios and additional course information can be found at www.hfsa.org/attendeeRC19.

Please call HFSA at 301-312-8635 for more information about contact hours.

This course is under review by The University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, an accredited provider of continuing pharmacy education (CPE) by the Accreditation Council for Pharmacy Education. Additional information will be provided as we get closer to the meeting date. Statements of credit can be viewed and printed in CPE Monitor in approximately 2 to 3 weeks.

**No partial credit will be available. You must attend full day of sessions to receive credit**

Successful completion of this continuing education activity includes participation in the evaluation post course evaluation and post-course test with a passing score of 75%.

Attendees will be emailed a link to an evaluation at the end of the course. Upon completion of the evaluation, a continuing education contact hour certificate will be emailed within 10 business days.

After the live educational activity, an enduring online, CME/CE-certified webcast of the event will be available for purchase through the HFSA OnDemand Library. The online activity includes downloadable slides, and audio content from the live course. Once the content is posted online, the enduring educational activity will be active until 10/30/2021.

A follow-up evaluation will be sent approximately six weeks after the course.
Faculty Listing

Sean P. Pinney, MD  
Co-Chair  
Director, Advanced Heart Failure and Transplantation Program,  
The Mount Sinai Hospital  
New York, NY

Marie Galvao, MSN, ANP-BC, CHFN  
Co-Chair  
Lead Heart Failure Nurse Practitioner  
Center for Advanced Cardiac Therapy  
Montefiore Medical Center  
Bronx, NY

Robert Page II, PharmD, MSPH, BCPS Co-Chair  
(AQ-cards), FHFA, FAHA  
Co-Chair  
Professor of Clinical Pharmacy  
Clinical Specialist, Division of Cardiology  
Section of Advanced Heart Failure/Heart Transplant  
University of Colorado, Skaggs School of Pharmacy  
Denver, CO

Christina Redmond, MSN, ARNP  
Planning Committee Member  
Nurse Practitioner  
University of Washington Physicians  
Seattle, Washington

Luis H. Arroyo, MD  
Director, Heart Failure and Transplant Fellowship  
Tampa General Hospital & Medical Group  
Tampa, FL

Theodore Berei, PharmD, MBA, BCPS, BCCP  
Clinical Pharmacist  
University of Wisconsin Hospital and Clinics  
Madison, WI

Maria Rosa Costanzo, MD  
Medical Director, Advocate Medical Group-Midwest  
Heart Specialists  
Heart Failure and Pulmonary Arterial Hypertension Programs  
Medical Director, Edward Hospital Center for Advanced Heart Failure  
Naperville, IL

Stephen Clum, PhD, MD  
Assistant Professor, College of Medicine Internal Medicine  
Division of Pulmonary, Critical Care and Sleep Medicine  
Tampa, FL

James C. Fang, MD, HFSA  
Professor of Medicine  
Chief, Division of Cardiovascular Medicine  
Executive Director, Cardiovascular Service Line  
University of Utah  
Salt Lake City, UT

Kathleen D. Faulkenberg, PharmD, BCPS  
Clinical Pharmacist  
Advanced Heart Failure and Heart Transplant  
Cleveland Clinic  
Cleveland, Ohio

Mahazrin B. Ginwalla, MD, MS, FACC  
Assistant Professor of Medicine  
Medical Director of Mechanical Circulatory Support  
Division of Cardiovascular Medicine  
University Hospitals of Cleveland  
Cleveland, OH

Susan M. Joseph, MD  
Advanced Heart Failure Clinic  
Baylor Scott & White Heart and Vascular Hospital  
Dallas, TX

Manreet Kanwar, MD  
Allegheny Health Network  
Associate Professor of Medicine at Temple University  
School of Medicine,  
Pittsburgh, PA

Joseph Lawrie  
Patient Speaker

Lisa LeMond, MD  
Advanced Heart Failure and Transplant Cardiology Specialist  
Mayo Clinic  
Scottsdale, AZ

Robert J. Mentz, MD, FHFA  
Associate Professor of Medicine  
Associate Professor, Population Health Sciences  
Duke University Medical Center  
Durham, NC
Faculty Listing Continued

Sumeet Mitter, MD, MSCE
Assistant Professor of Medicine
Advanced Heart Failure and Transplant
The Mount Sinai Hospital
New York, NY

Sanwarren Nix
Patient Speaker

Linda Ordway, RN, MS, ACNP, CHFN, NP
NP, Clinical Care Manager, Cardiomyopathy Center
Cardiac Transplant and VAD Program
Tufts Medical Center
Boston, MA

Sara Paul, DNP, FNP, FHFSAs
Director, Heart Function Clinic
Catawba Valley Cardiology
Hickory, NC

Lisa D. Rathman, MSN, CRNP, CCRN
Lead Heart Failure Nurse Practitioner
Lancaster General Heart Failure Clinic
The Heart Group of Lancaster General Health Group/
Lancaster General Hospital CHF Program
Lancaster, PA

Nirav Raval, MD
Medical Director of Thoracic Transplant
Heart, VAD Program
Florida Hospital Transplant Institute
Orlando, FL

Jonathan D. Rich, MD, FHFSAs
Associate Professor of Medicine – Cardiology
Northwestern University Feinberg School of Medicine
Chicago, IL

Debbie Rinde-Hoffman, MD, FHFSAs
Tampa General Medical Group
Tampa, FL

Nir Uriel, MD, MSc
Louis Block Professor of Medicine
Director, Heart Failure, Transplant and Mechanical
Circulatory Support
University of Chicago
Chicago, IL

Usman Siddiqui, MD
Florida Cardiology
Osceola Regional Medical Center
Florida Cardiology, PA
Orlando, FL

Justin M. Vader, MD
Assistant Professor of Medicine
Co-Director, Advanced Heart Failure and Cardiac
Transplantation Fellowship
Washington University
St. Louis, MO

William Vanwagner
Patient Speaker

As a provider accredited by ACCME, HFSA must
ensure balance, independence, objectivity, and
scientific rigor in its educational activities. Course
Directors, planning committee members, and
speakers are required to disclose all relevant
financial relationships.
Disclosures can also be found on the attendee
resource site at www.hfsa.org/attendeeRC19.
Faculty & Accréditor Disclosures

The following accreditors with ability to control content for this activity have no conflict of interest:

- Luis H. Arroyo, MD
- Theodore Berei, PharmD, MBA, BCPS, BCCP
- Stephen Clum, PhD, MD
- Kathleen D. Faulkenberg, PharmD
- Manreet Kanwar, MD
- Joseph Lawrie (Patient)
- Lisa LeMond, MD
- Sanwarren Nix (Patient)
- Linda Ordway, RN, MS, ACNP, CHFN
- Robert Page II, PharmD, MSPH, BCPS, FHFSA - Co-Chair; (Planning Committee & Presenter)
- Nirav Raval, MD
- Christina Redmond, MSN, ARNP (Planning Committee)
- Jonathan Rich, MD, FHFSA
- Debbie Rinde-Hoffman, MD, FHFSA
- Justin Vader, MD
- William Vanwagner (Patient)

HFSA Staff Planners

- Jaime Abreu, MBA
- Shauna Brown
- Cynthia Miranda

The following accreditors with ability to control content for this activity have listed the below disclosures:

- Maria Rosa Costanzo, MD
  Consultant-Advisory Board: CHF-Solutions; Magenta Medical; Sequana; Axon Technologies

- James C. Fang, MD, FHFSA
  Consultant-Advisory Board: Novartis; Amgen; Capricor; Johnson & Johnson; American Heart Association; NIH; PVOMICS/CTSN

- Marie Galvao, MSN, ANP-BC, CHFN - Co-Chair (Planning Committee & Presenter)
  Speaker Honoraria: Boston Scientific
  Consultant-Advisory Board: Boston Scientific

- Mahazarin Ginwalla, MD, MS
  Research Grant: Amgen
  Speaker-Honoraria: Zoll
  Consultant-Advisory Board: Xact Labs

- Susan M. Joseph, MD
  Speaker-Honoraria: Abbott
  Consultant-Advisory Board: Medtronic

Robert J. Mentz, MD, FHFSA
Research Grant: Amgen; AstraZeneca; Bayer; GlaxoSmithKline; American Regent; Medtronic; Merck; Novartis; Sanofi
Speaker-Honoraria: Amgen; AstraZeneca; Bayer; Innolife; Medtronic; Merck; Novartis; Sanofi; Abbott; Boston Scientific; Janssen; Vifor; Boehringer Ingelheim
Consultant-Advisory Board: Amgen; AstraZeneca; Innolife; Metronic; Merck; Novartis; Sanogi; Abbott; Vifor; Boehringer Ingelheim

Sumeet Mitter, MD, MSCE
Speaker-Honoraria: Abbott; Cowen & Co.; American College of Cardiology
Consultant-Advisory Board: AstraZeneca; Pfizer

Sara Paul, DNP, FNP, FHFSA
Consultant-Advisory Board: Abbott

Sean P. Pinney, MD - Co-Chair (Planning Committee & Presenter)
Speaker-Honoraria: CareDx
Consultant-Advisory Board: Abbot, Inc.; CareDx; Medtronic, Inc.

Lisa D. Rathman, MSN, CRNP, CCRN
Research Grant: Abbott
Speaker-Honoraria: Abbott, Boston Scientific
Consultant-Advisory Board: Abbott, Boston Scientific, Amgen, Alnylam, Pfizer, Boehringer Ingelheim, SC Pharma

Usman Siddiqui, MD
Consultant-Advisory Board: Biosense Webster; Medtronic; Impulse Dynamics; Stereotaxis

Nir Uriel, MD, MSc
Research Grant: Abbott, Medtronic, Novartis
Consultant-Advisory Board: Leviticus, Cormetric

OFF-LABEL DISCLOSURE

This CME activity may or may not discuss investigational, unapproved, or off-label use of drugs. Participants are advised to consult prescribing information for any products discussed. The information provided in this CME activity is for continuing medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options for a specific patient’s medical condition.
### Agenda

**Thursday, October 24, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>4:00 PM</td>
<td>Registration Open</td>
<td>Oasis Ballroom Foyer</td>
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<tr>
<td>5:00 PM</td>
<td>Opening Reception</td>
<td>Channelside</td>
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<tr>
<td>7:00 PM</td>
<td>Hands-on Workshop (Non-CME)</td>
<td>Oasis Ballroom</td>
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<td></td>
<td>Supported by Medtronic</td>
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**Friday, October 25, 2019**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast (Registration Opens)</td>
<td>Channelside</td>
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<tr>
<td>7:50 AM</td>
<td>Friday Introduction</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>John Barnes, HFSA CEO</td>
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<tr>
<td></td>
<td>Sean P. Pinney, MD</td>
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**SESSION 1 - Acute and Chronic HF**

**Moderator: Sean P. Pinney, MD, FHFSA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Models and Mechanisms of HFrEF and HFpEF</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>James C. Fang, MD, FHFSA</td>
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<tr>
<td>8:20 AM</td>
<td>HF Pathway - Translating Guidelines Into Clinical Practice</td>
<td>Oasis Ballroom</td>
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<td></td>
<td>Robert J. Mentz, MD, FHFSA</td>
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<tr>
<td>8:40 AM</td>
<td>Transcatheter Mitral Valve Repair and Replacement</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>Nir Uriel, MD, MSc</td>
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<tr>
<td>9:10 AM</td>
<td>Diabetes &amp; Heart Failure</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>Robert J. Mentz, MD, FHFSA</td>
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<tr>
<td>9:30 AM</td>
<td>Emerging Therapies - New Indications and Drugs in the Pipeline</td>
<td>Oasis Ballroom</td>
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<td></td>
<td>Theodore Berei, PharmD, MBA, BCPS, BCCP</td>
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<tr>
<td>9:50 AM</td>
<td>Break</td>
<td>Oasis Ballroom Foyer</td>
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<tr>
<td>10:05 AM</td>
<td>HFpEF: Therapeutic Options</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>Sumeet Mitter, MD, MSCE</td>
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<tr>
<td>10:25 AM</td>
<td>Acute HF: Natural History &amp; Patient Assessment</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>James C. Fang, MD, FHFSA</td>
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<tr>
<td>10:45 AM</td>
<td>Inotropes - What's New?</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>Mahazrin B. Ginwalla, MD, MD</td>
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<tr>
<td>11:05 AM</td>
<td>Acute HF: Congestion, Cardiorenal and Diuretic Resistance</td>
<td>Oasis Ballroom</td>
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<tr>
<td></td>
<td>Maria Rosa Costanza, MD</td>
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<tr>
<td>11:35 AM</td>
<td>Case Based Discussion - HF Across Lifespan (Acute and Chronic)</td>
<td>Oasis Ballroom</td>
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<td></td>
<td>Marie Galveo, MSN, ANP-BC, CHFN</td>
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<tr>
<td></td>
<td>Panel Discussants:</td>
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<td></td>
<td>Robert J. Mentz, MD, FHFSA</td>
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<td></td>
<td>Lisa D. Rathman, MSN, CRNP, CCRN</td>
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<tr>
<td></td>
<td>Theodore Berei, PharmD, MBA, BCPS, BCCP</td>
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<tr>
<td>11:55 AM</td>
<td>Lunch - Meet and Greet with Faculty</td>
<td>Channelside</td>
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hfsa.org/reviewcourse  #HFSAResview2019
### SESSION 2 - Pulmonary Hypertension and RV Failure

**Moderator: Robert Page II, PharmD, MSPH, BCPS, FHFA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>12:50 PM</td>
<td>Pulmonary Hypertension I: Diagnosis and Management</td>
<td>Jonathan D. Rich, MD, FHFA</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>Pulmonary Hypertension II: Pharmacotherapy</td>
<td>Jonathan D. Rich, MD, FHFA</td>
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<tr>
<td>1:50 PM</td>
<td>Who II PH and Right Failure</td>
<td>Manreet Kanwar, MD</td>
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<tr>
<td>2:10 PM</td>
<td>Case Based Discussion</td>
<td>Sean P. Pinney, MD</td>
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<tr>
<td>2:30 PM</td>
<td>Refreshment Break</td>
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**Panel Discussants:**
- Jonathan D. Rich, MD, FHFA
- Linda Ordway, RN, MS, ACNP, CHFN
- Robert Page II, PharmD, MSPH, BCPS, FHFA

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<th>Time</th>
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<tbody>
<tr>
<td>2:45 PM</td>
<td>Assessment of Patient with New Onset HF</td>
<td>Marie Galveo, MSN, ANP-BC, CHFN</td>
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<td>Robert Page II, PharmD, MSPH, BCPS, FHFA</td>
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<td></td>
<td>Maria Rosa Costanzo, MD</td>
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<tr>
<td>2:45 PM</td>
<td>Cardiopulmonary Exercise Stress Testing (CPET)</td>
<td>Stephen Clum, PhD, MD</td>
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<td>Mahazrin B. Ginwalla, MD</td>
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<tr>
<td>2:45 PM</td>
<td>How to Set up a HF Clinic</td>
<td>Sumeet Mitter, MD, MSCE</td>
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<td>Sara Paul, DNP, FNP, FHFA</td>
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<td>Kathleen D. Faulkenberg, PharmD</td>
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### BREAKOUT SESSIONS

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<td></td>
<td>Maria Rosa Costanzo, MD</td>
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<td></td>
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<td>How to Set up a HF Clinic</td>
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<td>Sara Paul, DNP, FNP, FHFA</td>
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<td>Kathleen D. Faulkenberg, PharmD</td>
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### SESSION 3 - Advances in Patient Monitoring

**Moderator: Marie Galvao, MSN, ANP-BC, CHFN**

<table>
<thead>
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<tbody>
<tr>
<td>3:45 PM</td>
<td>Biomarker 2019 Update: What’s Hot, What’s Not?</td>
<td>Mahazrin B. Ginwalla, MD, MS</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Invasive and Non-Invasive Hemodynamic Devices</td>
<td>Manreet Kanwar, MD</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Remote Monitoring: Smart Phones to Telehealth</td>
<td>Lisa D. Rathman, MSN, CRNP, CCRN</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Sleep Disordered Breathing</td>
<td>Sara Paul, DNP, FNP, FHFA</td>
</tr>
<tr>
<td>5:05 PM</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>5:15 PM</td>
<td>Day Adjourns</td>
<td></td>
</tr>
</tbody>
</table>
## Agenda

### Saturday, October 26, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Light Breakfast</td>
<td>Channelside</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Saturday Introduction</td>
<td>Oasis Ballroom</td>
</tr>
</tbody>
</table>

#### SESSION 4 - Cardiogenic Shock / MCS / Transplant

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Cardiogenic Shock: Pathophysiology, Hemodynamics and Outcomes</td>
<td>Debbie Rinde-Hoffman, MD, FHFSA</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Percutaneous Devices and ECMO</td>
<td>Susan M. Joseph, MD</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Cardiac Amyloidosis</td>
<td>Sumeet Mitter, MD, MSCE</td>
</tr>
</tbody>
</table>

#### BREAKOUT SESSIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:40 AM</td>
<td>Tricks of the Trade: Challenges of RAAS Inhibition Case Based Approach</td>
<td>Marie Galvao, MSN, ANP-BC, CHFN, Maria Rosa Costanzo, MD, Kathleen D. Faulkenberg, PharmD</td>
<td>Oasis Ballroom</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>Advanced Hemodynamic Modeling</td>
<td>Susan M. Joseph, MD, Nir Uriel, MD, MSc</td>
<td>Conch</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>Troubleshooting LVAD Alarms</td>
<td>Debbie Rinde-Hoffman, MD, Linda Ordway, RN, MS, ACNP, CHFN</td>
<td>Coral</td>
</tr>
<tr>
<td>10:40 AM</td>
<td>Refreshment Break</td>
<td></td>
<td>Oasis Ballroom Foyer</td>
</tr>
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</table>

#### SESSION 4 - Cardiogenic Shock / MCS / Transplant Continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:10 AM</td>
<td>LVAD Patient Selection and Clinical Outcomes</td>
<td>Susan M. Joseph, MD</td>
<td>Oasis Ballroom</td>
</tr>
<tr>
<td>11:40 AM</td>
<td>LVAD Adverse Events and Patient Management</td>
<td>Linda Ordway, RN, MS, ACNP</td>
<td></td>
</tr>
<tr>
<td>12:10 PM</td>
<td>Heart Transplant - Clinical Outcomes and Management</td>
<td>Maria Rosa Costanzo, MD</td>
<td></td>
</tr>
<tr>
<td>12:40 PM</td>
<td>Managing Drug interactions</td>
<td>Robert Page II, PharmD, MSPH, BCPS, FHFSA</td>
<td></td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Q&amp;A</td>
<td>All session faculty</td>
<td></td>
</tr>
<tr>
<td>1:10 PM</td>
<td>Lunch - Meet and Greet with Faculty</td>
<td></td>
<td>Channelside</td>
</tr>
</tbody>
</table>
### SESSION 5 - SPECIAL SESSION - Patient Preferences
#### Moderator: Sean P. Pinney, MD  
Oasis Ballroom

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speakers</th>
</tr>
</thead>
</table>
| 2:05 PM | Patient Preferences vs Provider Perception          | Luis H. Arroyo, MD  
Linda Ordway, RN, MS, ACNP  
Robert Page II, PharmD, MSPH, BCPS, FHFSA  
Patient Panel |

### SESSION 6 - HF and Arrhythmia Management
#### Moderator: Sean P. Pinney, MD  
Oasis Ballroom

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:50 PM</td>
<td>Impact of AFIB on HF</td>
<td>Sean P. Pinney, MD</td>
</tr>
<tr>
<td>3:20 PM</td>
<td>EP Device Therapy of HF: CRT, HIS Bundle Pacing and CCM</td>
<td>Usman Siddiqui, MD</td>
</tr>
<tr>
<td>3:40 PM</td>
<td>Arrhythmia Management: Antiarrhythmic Drugs and VT Ablation</td>
<td>Usman Siddiqui, MD</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Prevention of Sudden Cardiac Death, Wearables and Implantables</td>
<td>Luis Arroyo, MD</td>
</tr>
<tr>
<td>4:20 PM</td>
<td>Refreshment Break</td>
<td></td>
</tr>
</tbody>
</table>

### BREAKOUT SESSIONS

- **4:35 PM**  
  - How to Setup a Remote Monitoring Program  
  Lisa D. Rathman, MSN, CRNP, CCRN  
  Robert Page II, PharmD, MSPH, BCPS, FHFSA  
  **Oasis Ballroom**

- **4:35 PM**  
  - Having the Discussion - How to Make the Conversation Easier  
  Maria Rosa Costanzo, MD  
  Sara Paul, DNP, FNP, FHFSA  
  **Conch**

- **4:35 PM**  
  - Clinical Conundrums - Case Review  
  Sean P. Pinney, MD  
  Marie Galvao, MSN, ANP-BC, CHFN  
  Kathleen D. Faulkenberg, PharmD  
  **Coral**

**5:35 PM** Day Adjourns
## Agenda

### Sunday, October 27, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Breakfast</td>
<td>Channelside</td>
</tr>
<tr>
<td>7:25 AM</td>
<td>Sunday Introduction</td>
<td>Oasis Ballroom</td>
</tr>
</tbody>
</table>

**SESSION 7 - Special Populations**  
*Moderator: Marie Galvao, MSN, ANP-BC, CHFN lations*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Defining Advanced HF</td>
<td>Sean P. Pinney, MD</td>
</tr>
<tr>
<td>7:50 AM</td>
<td>Inflammatory Cardiomyopathies, Myocarditis and Sarciodosis</td>
<td>Nirav Raval, MD</td>
</tr>
<tr>
<td>8:10 AM</td>
<td>Metabolic Challenges: Obesity and Anemia</td>
<td>Justin Vader, MD</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>HF and Pregnancy</td>
<td>Lisa LeMond, MD</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>Hypertrophic Cardiomyopathies and Screening for Sudden Cardiac Death</td>
<td>Nirav Rival, MD</td>
</tr>
</tbody>
</table>

9:10 AM | Refreshment Break                                         | Oasis Ballroom Foyer        |

**SESSION 8 - Transitional & Palliative Care**  
*Moderator: Robert Page II, PharmD, MSPH, BCPS, FHFS*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:25 AM</td>
<td>Cardio-Oncology</td>
<td>Justin Vader, MD</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Transitional Care Planning &amp; Strategies for Keeping People Out of the Hospital</td>
<td>Sara Paul, DNP, FNP, FHFSA</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Palliative Care and Hospice</td>
<td>Lisa LeMond, MD</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Program Wrap-Up</td>
<td>Sean P. Pinney, MD</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Program Adjourns</td>
<td></td>
</tr>
</tbody>
</table>
Westin Tampa Waterside
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Tampa, FL 33602

Second Floor
Mark Your Calendar!

See you in Cleveland!

October 2-5, 2020 | Cleveland, Ohio

Huntington Convention Center of Cleveland
Westin Cleveland Downtown

meeting.hfsa.org