

# 2019 HFSA Annual Scientific Meeting

## Course Description

<b>Excellence in Translational Sciences (CVCT Joint Session) (Non-CME)</b>	
<b>Moderator(s): Joseph Hill; Faiez Zannad</b>	
Welcoming Remarks and Acknowledgements	Speaker: W. H. Wilson Tang
Gene-editing technologies	Speaker: Kiran Musunuru
Mitochondrial Transplantation	Speaker: James McCully
Non-coding RNA Therapeutics	Speaker: Thomas Thum
Small molecule myosin inhibitors	Speaker: Marc Semigran
Open Panel Discussion	Panelist: D.A. Gros
	Panelist: Puskal Garag
	Panelist: Fady Malik
Keynote Address: Inflammation in Heart Failure - Introduction	Moderator(s): Randall Starling Moderator(s): Biykem Bozkurt
Tom L. Force Keynote Lecture: Reappraisal of the Role of Inflammation in Heart Failure	Keynote Speaker: Douglas Mann
Commentary: How can we advance translational sciences to treat and prevent heart failure in the next decade?	Speaker: Eugene Braunwald
Panel Discussion	Panelist: W. H. Wilson Tang Panelist: Dennis McNamara Panelist: Leslie Cooper
Translating Compounds into Clinical Development: 2. Signaling Pathways - Moderators	Moderator(s): Flora Sam Moderator(s): Monica Shah
Recombinant Neuregulin	Speaker: Douglas Sawyer
Designer Chimeric Natriuretic Peptides	Speaker: John Burnett
Novel Anti-Adrenergic Therapeutics	Speaker: Michael Bristow
Hydrogen Sulfide-Releasing Therapeutics	Speaker: David Lefer
Panel Discussion	Panelist: Albert Kim Panelist: Saptarsi Haldar Panelist: Eric Svensson
Roundtable Discussion: Funding Translational Science Research & Innovations in Heart Failure	Moderator(s): Peter Liu Speaker: Mariell Jessup Panelist: Alexandra Stanton Panelist: Charles Homcy Panelist: Gobind Singh Panelist: Lili Portilla Panelist: Ari Brettman
<b>Mitral Regurgitation in Heart Failure 2019: Challenges and Opportunities</b>	
<b>Moderator(s): Joann Lindenfeld; Michele Hamilton</b>	
Welcome and Introduction	Co-Chair: Joann Lindenfeld; Michele Hamilton
Mitral Regurgitation in Heart Failure 2019: Challenges and Opportunities	Co-Chair: Michele Hamilton
Epidemiology of and Prognosis in Primary and Secondary Mitral Regurgitation	Speaker: Lee Goldberg
Why Was COAPT Positive and MITRA-FR Negative?	Speaker: Joann Lindenfeld
What Is the Role of the HF Cardiologist for Patients with Secondary MR?	Speaker: Michele Hamilton
<b>Cardiovascular, Metabolic, and Renal Outcomes in Multi-Morbid Heart Failure Patients with Type 2 Diabetes</b>	
<b>Moderator(s): Javed Butler</b>	
Introduction	Speaker: Javed Butler
The Deadly Intersection of Heart Failure and Diabetes	Speaker: James Januzzi
Antihyperglycemic Therapies and Heart Failure: Looking at the Evidence	Speaker: Javed Butler
Renal Effects of Antihyperglycemic Therapies: What are the Trials Telling Us?	Speaker: Stefan Anker
Panel Discussion: Exploring Mechanisms by Which SGLT2 Inhibitors Affect	Speaker: Javed Butler
Case Presentation	Speaker: Mikhail Kosiborod

## Improving Outcomes in Our HF Patients with Evidence-Based Treatment of Hyperkalemia

### Moderator(s): Paul Hauptman

Welcome and Introductions	Speaker: Paul Hauptman
Hyperkalemia Management in a Patient With Heart Failure, Chronic Kidney Disease, and Type 2 Diabetes	Speaker: Colbert Gates
Hyperkalemia Management in a Patient With Heart Failure, Obesity, and Type 2 Diabetes	Speaker: Katherine Di Palo
Closing Remarks	Speaker: Paul Hauptman

## Plenary Session: Independence from Heart Failure: Awareness, Empathy and Activism

Awareness: Is Everyone the Same? HF in African Americans	Speaker: Clyde Yancy
Empathy: Patient Experience Real Time; Now It's Me! - Introduction	Speaker: Nader Moazami
Empathy: Patient Experience Real Time; Now It's Me!	Speaker: Robert Montgomery
Activism: The Hidden World Behind America's Low-cost Drugs	Speaker: Katherine Eban

## Acute Cardiogenic Shock to Recovery: STEMI, Myocarditis and Acute Insults

### Moderator(s): Amit Badiyae

Molecular Mechanisms of Recovering the Myocardium: Lessons Learned from Unloading the Ventricle in Acute and Chronic State	Speaker: Stavros Drakos
Acute Cardiogenic Shock to Recovery: STEMI, Myocarditis and Acute Insults	Moderator(s): John Chin
Using Hemodynamics to Optimize Support in Clinical Practice: Perfuse the Body but Rest the Heart	Speaker: Daniel Burkhoff
Strategies to Cardiac Support and Recovery in a Non-myocardial Infarction Cardiogenic Shock Setting: Myocarditis, Transplant Rejection or Post-surgical	Speaker: Gavin Hickey
How to Wean Mechanical Support to Explant: Imaging Hemodynamics and Decannulation Strategies	Speaker: Jerry Estep
From Theory to Practice: Lessons from Implementing Care Pathways for Acute Cardiogenic Shock	Speaker: Bethany Austin

## Great Debates and Current Controversies Across the Atlantic

### Moderator(s): Randall Starling; Christopher O'Connor; Petar Seferovic

Debate 1: LVEF Is Essential for Diagnosis and Treatment Decisions for Heart Failure - PRO	Speaker: Gregg Fonarow Speaker: Filippos Triposkiadis
Debate 2: Routine Serial Echo Assessment Is Helpful in Guiding HF Therapy - PRO	Speaker: Javed Butler Speaker: Andrew Coats
Debate 3: Acute Heart Failure Is a Distinct Disease Entity That Warrants Targeted Therapies - PRO	Speaker: Gerasimos Filippatos Speaker: James D. Fang

## Ten Simple Tips: Strategies for Heart Failure Prevention (AHA Joint Session)

### Moderator(s): Sheryl Chow; Michele Hamilton

Clinically Applicable Biomarkers for Early Detection of HF	Speaker: Alan Maisel
Trifecta of Lifestyle Modifications: Diet, Exercise, and Cardiac Rehab	Speaker: Ileana Pina
Risk Factor Moderation Using Pharmacologic Therapy	Speaker: Orly Vardeny
Model for Primary Care Providers and Telehealth	Speaker: Farruk Merchant

## Prognosis and Treatments for Ambulatory Advanced HF

### Moderator(s): Adam Devore; Rene Alvarez

Bring Back from the Edge: The Role of Inotrope Therapy in Those Turned down for Transplant/lvad	Speaker: Robert L. Page II
I'm Not Quite There yet - Prognosis in INTERMACS Profile 4-5 HF- lessons from Medamacs & ROADMAP	Speaker: Amrut Ambardekar
The Slow Dwindles - Prognosis in INTERMACS Profile 6-7 - Lessons from the REVIVAL Registry	Speaker: Garrick Stewart
Reading the Tea Leaves Together - Implementing Decision Aids in Shared Complex Decision-making	Speaker: Larry Allen
I'm Gonna Live Forever - Discordant Perception of Prognosis Between Patients vs Providers	Speaker: Jennifer Thibodeau

## General Cardiology vs. Community and Academic HF- Let's Learn from Each Other

### Moderator(s): Patel Priyesh; Sanjeev Gulati

Gaps in Guideline Directed Therapy for Hfref	Speaker: Stephen J. Greene
Variations in HF Incidence, Mortality and Readmission Rates Across the United States	Speaker: Nihar Desai
Are There Differences in HF Clinical Outcomes in Between Community Clinics and Tertiary Academic Medical Centers?	Speaker: Stuart Russell
Care and Outcomes of HF Patients Treated by Internists and Family Practitioners versus Cardiologists	Speaker: Patel Priyesh

Bridging Community and Academic HF Programs Using Technology and Shared Care Programs	Speaker: Andrew Sauer
<b>Ten Simple Tips: Management of Complexities in Cardiogenic Shock</b>	
<b>Moderator(s): Maya Guglin; Michael Givertz</b>	
When to Pull the Trigger on Acute MCS	Speaker: Jorge Silva Enciso
Which Pump in What Scenario -- IABP vs Impella vs Tandem Heart?	Speaker: Arvind Bhimaraj
ECMO for Cardiogenic Shock	Speaker: Edward Soltesz
RV Support in Cardiogenic Shock	Speaker: Arthur Garan
Pharmacologic Management in the Percutaneous Mechanical Circulatory Support Patient	Speaker: Rob Didomenico
<b>Rapid Fire Abstracts for Original Investigations</b>	
<b>Moderator(s): Debra Moser; Andreas Kalogeropoulos</b>	
Continuous Outpatient Intravenous Inotrope Therapy: Milrinone Is Associated with Improved Survival Compared to Dobutamine Irrespective of Indication	Oral Abstract Presenter: Behram Mody
Six-month Outcomes from the Multicenter, Prospective Study with the Novel PASCAL Transcatheter Valve Repair System for Patients with Mitral Regurgitation in the CLASP Study	Oral Abstract Presenter: Sula Mazimba
Transthyretin Cardiac Amyloidosis in the Black Population: A Ten-year Experience	Oral Abstract Presenter: Joseph Donnelly
Tafamidis Reduced the Decline in Health-related Quality of Life in the Tafamidis in Transthyretin Cardiomyopathy Clinical Trial (ATTR-ACT)	Oral Abstract Presenter: Mazen Hanna
Mid- to Late-life Systemic Inflammation and Late-life Cardiac Structure and Function: The Atherosclerosis Risk in Communities (ARIC) Study	Oral Abstract Presenter: Aaron Cohen
Acute and Chronic Subcutaneous Administration of ZD100, a Novel Pgc-a/cgmp Peptide Activator, Demonstrates Robust Antihypertensive Efficacy in Rodents	Oral Abstract Presenter: Yang Chen
First in Human Experience with Direct Sodium Removal Using a Zero Sodium Peritoneal Solution	Oral Abstract Presenter: Jeffrey Testani
Intravenous Infusion of the beta-3 Adrenergic Receptor Antagonist APD418 Improves Left Ventricular Systolic and Diastolic Function in Dogs with Heart Failure: A Single Dose, 6 Hours Study	Oral Abstract Presenter: Hani Sabbah
Reverse Takatsubo's Pattern in Donor Hearts Not Associated with Left Ventricular Systolic Recovery	Oral Abstract Presenter: Ankit Bhatia
Donor-recipient Predicted Heart Mass Ratio as Predictor of Right Ventricular-pulmonary Arterial Coupling Post Heart Transplantation	Oral Abstract Presenter: Livia Goldraich
Identifying Mixed Phenotype: Evaluating the Presence of Polyneuropathy in Patients with Hereditary Transthyretin-mediated Amyloidosis with Cardiomyopathy	Oral Abstract Presenter: Martha Grogan
Inability to Achieve Adequate Left Ventricular Unloading Predicts Hospitalization or Death After Invasive Optimization in LVAD Patients	Oral Abstract Presenter: Andrew Rosenbaum
Increasing Burden of Heart Failure in Black Adults in the US: 1999-2016	Oral Abstract Presenter: Leah Rethy
One-year Outcomes of the TRI-REPAIR Study Assessing Cardioband Tricuspid Valve Reconstruction System for Patients with Functional Tricuspid Regurgitation	Oral Abstract Presenter: Allen Anderson
<b>Challenges in Managing Adult Congenital Heart Diseases: PH, RV Failure, and Arrhythmia</b>	
<b>Moderator(s): Carolyn M. Reilly; Richard Krasuski</b>	
Right Ventricle Failure in ACHD Patients	Speaker: Joanna Ghobrial
When the ACHD Patient Is out of Rhythm: Approach to the Management of Arrhythmias	Speaker: Maully Shah
The Approach to the Failing of ACHD Patients W/ph	Speaker: Richard Krasuski
Decisions Surrounding Left Ventricular Assist Device and Transplantation	Speaker: Jonathan N. Menachem
Panel Discussion - Optimizing Transitional and Self-care in ACHD Patients After a Complex Hospitalization	Speaker: Richard Krasuski
There Is No "I" in Team: Nursing Involvement in the Care of the MCS Patient	Speaker: Cindy Bither
<b>Change Is Inevitable: Impact of Nursing and Allied Health Amongst the Mechanical Circulatory Support World</b>	
<b>Moderator(s): Athalia Bolden; Pamela Combs</b>	
The Social Worker: Not Just Cookies and Coffee	Speaker: Jill Giordano
The Pharmacist: The Human Aspect of the Readable Scientific Report Exists	Speaker: Kyle Dawson
Rehabilitation: Let Us Pump...you Up...	Speaker: Lisa Kitko
Palliative Care - When to Start - How to Proceed	Speaker: Susan Delisle
<b>FDA Special Session: Focusing on Patient in Clinical Research and Drug Development (HFSA Patient Initiative Task Force)</b>	
<b>Moderator(s): Mona Fiuzat; Joann Lindenfeld</b>	
The current state of including patients in clinical trial design and outcome selection	Speaker: Paul Heidenreich
The Patient Voice: Results of the FDA/HFSA Collaborative Survey	Speaker: Mona Fiuzat
The FDA Guidance on Drug Development – the Importance of Symptom and Functional Improvements	Speaker: Lynne Warner Stevenson
Patient Panel (Barriers to Participation/ Outcomes that Matter)	Panelist: Cynthia Chauhan Panelist: Steve Grandizio Panelist: Rhonda Monroe Panelist: Robin Gage

Provider & FDA Panel	Panelist: Sarah Schaff Moderator(s): Christopher O'Connor Panelist: Robert Kazmierski Panelist: Naomi Lowy Panelist: Nancy Albert Panelist: Biykem Bozkurt Panelist: Lynne Warner Stevenson
Open Discussion & Audience Q&A	Moderator(s): Mona Fiuzat Moderator(s): Joann Lindenfeld
<b>Symptoms Are the Tip of the Iceberg: Navigating Management of Congestion in Heart Failure</b>	
<b>Chair: G. Michael Felker</b>	
Welcome and Introduction	Chair: G. Michael Felker
Congestion in Heart Failure: Definitions and Implications	Speaker: Mark Drazner
Novel Tools to Assess Congestion: From Biomarkers to Devices	Speaker: James Januzzi
Diuretics for the Management of Congestion: How they Work and What to Do When They Don't	Speaker: Jeffrey Testani
Novel Approaches to Congestion Management Outside the Hospital	Speaker: G. Michael Felker
<b>Ten Simple Tips: Identifying the Ever-Elusive Volume Overload in the Clinic</b>	
<b>Moderator(s): Tariq Ahmad; Sara Paul</b>	
Why Do HF Patients Experience Volume Overload?	Speaker: Tariq Ahmad
Assessing Congestion - Is There a Role for History and Physical Exam	Speaker: Jennifer Thibodeau
Serum Biomarkers to Diagnose and Treat Congestion	Speaker: James Januzzi
Ultrasound at the Bedside: Portable Ultrasound and Echocardiography to Evaluate for Congestion	Speaker: Amil Shah
Using Implantable Sensors and Impedance to Assess and Optimize Volume Status	Speaker: Divya Gupta
Direct Blood Volume Measurement to Assess Congestion - Is It Necessary? Can We Afford It?	Speaker: Wayne Miller
<b>2019 Update on Clinical Trials for Emerging HF Drug &amp; Device Therapies (CVCT Joint Session)</b>	
<b>Moderator(s): Mark Dunlap; Francis G. Spinale</b>	
Guanylate Cyclase Stimulators for Hfpef	Speaker: Piotr Ponikowski
Baroreflex Stimulation	Speaker: Faiez Zannad
Vagal Nerve Stimulation	Speaker: Inder Anand
Cardiac-Specific Myosin Activator	Speaker: John Teerlink
Intra-atrial Septal Devices	Speaker: Barry Borlaug
Stem Cell Therapy	Speaker: Josh Hare
SGLT2 inhibitor: Late-Breaking Clinical Trial Results on DAPA-HF	Speaker: John McMurray
<b>Defining RV Failure – Pathophysiology and Clinical Perspectives</b>	
<b>Moderator(s): Michael Kiernan; Srinivas Murali</b>	
Pathophysiology of RV Failure: Insights and Pitfalls for Clinical Definitions	Speaker: Ryan Tedford
Metabolic Changes in the Failing RV and Opportunities for Therapeutic Intervention	Speaker: Evan Brittain
Assessing Failure in LV Supported Patients	Speaker: Nir Uriel
Managing Acute RV Failure in PAH	Speaker: Evelyn Horn
When to Consider Repair or Replacement of Tricuspid Regurgitation in RV Failure	Speaker: Miriam Jacob
Clinical Dilemmas: Challenging Cases of RV Failure	Speaker: Sumeet Mitter
<b>JNC New Investigator Award (Basic Science/Clinical)</b>	
<b>Moderator(s): Howard Eisen; Thomas Capolla</b>	
JNC New Investigator Award (Basic Science/Clinical)	Reviewer/Judge: Jeffrey Alexis Reviewer/Judge: Horng Chen Reviewer/Judge: Adam Devore Reviewer/Judge: David Lanfear Reviewer/Judge: Alanna Morris
Unexpected Role of Adenosine-monophosphate Activated Protein Kinase in Doxorubicin Cardiotoxicity and Metformin-mediated Cardioprotection	Oral Abstract Presenter: Jaclyn Del Pozzo
Left Ventricular Assist Device Flow Pattern Analysis Utilizing a Novel Computational Fluid Dynamics Model: Using Physics and Physiology to Better Define the Pump-patient Interaction	Oral Abstract Presenter: Jonathan Grinstein
Renal Diuretic Delivery Is Highly Variable in Hospitalized Decompensated Heart Failure Patients and Associated with Diuretic Resistance	Oral Abstract Presenter: E Wycallis

Intratracheal serca2a Gene Therapy Interrupts the Formation of Plexiform Lesions and Rescues from Heart Failure in Severe Pulmonary Arterial Hypertension	Oral Abstract Presenter: Anthony Fargnoli
Right Ventricular Sarcomere Dysfunction Underlies Right-sided Hemodynamic Decompensation in Pulmonary Hypertension Secondary to End-stage Human Heart Failure	Oral Abstract Presenter: Mohammed Aslam
A Multi-marker Approach to Predict Incident Heart Failure Risk in Chronic Kidney Disease	Oral Abstract Presenter: Sadeer Al-Kindi
<b>Nursing New Investigator Award (Research/Clinical)</b>	
<b>Moderator(s): Judith Hupcey; Magee Disch</b>	
Nursing New Investigator Award (Research/Clinical)	Reviewer/Judge: Ponrathi Athilingam Reviewer/Judge: Diane Gauthier Reviewer/Judge: Kathleen Grady Reviewer/Judge: Corrine Jurgens Reviewer/Judge: Bunny Pozehl
Cognitive Impairment Is Associated with Abnormal Cardiac Hemodynamics in Heart Failure with Preserved Ejection Fraction	Presenter: Kenneth Faulkner
What Does Heart Failure Mean to You?	Presenter: Solim Lee
Trends in Self-management Among Adults with Heart Failure from 2011 to 2016 Using the National Health and Nutrition Examination Surveys	Presenter: Soyoung Choi
Give a Little, Get a Lot: The Power of IV Fluids in Heart Failure	Presenter: Jaclyn Lemoine
Use of Analytics to Identify Patients with Sub-optimal Cardiac Resynchronization Therapy Pacing	Presenter: Amber Seiler
The Impact of a Dedicated Heart Failure (HF) Clinic on Hospitalization Rates, Hospitalization Costs, and Left Ventricular Ejection Fraction (LVEF) in Systolic Heart Failure Patients	Presenter: Svetlana Barbarash
<b>Ten Simple Tips: How to Best Implement Technologies to Assist in HF Care and Reduce Readmissions (ACC Joint Session)</b>	
<b>Moderator(s): J. Thomas Heywood; Gurusher Panjra</b>	
Quality Metrics for HF Care: What Has the Life Span of a Housefly Taught Us?	Speaker: Marvin Konstam
Systems of Care Strategies to Enhance HF Care- pharmacists, Navigators, Paramedics and Beyond	Speaker: Mary Walsh
Queuing Theory to Redesign Access to HF Care Post Hospitalization	Speaker: Clyde Yancy
Using the Current Digital World to Optimize HF Care at Home: Apps to Apple Watches	Speaker: Ashish Atreja
Engineering Solutions for HF: Collaborations to Enhance Innovations in Care for HF as a Chronic Disease	Speaker: Gerard Cote
<b>Systemic Pathway Dysregulation in HFpEF: How Mechanisms Enlighten Clinical Approaches</b>	
<b>Moderator(s): Julio Chirinos</b>	
Why Does Exercise Work for Age- associated, Obesity and Hfpef?	Speaker: Gregory Lewis
Basic Science 'interval Training' – Adipose Tissue and Its Role in Hfpef	Speaker: Flora Sam
Pulm HTN in Hfpef –to Line or Not to Line (is There a Role for Tailored Therapy)?	Speaker: Barry Borlaug
Mitochondrial and Metabolic Drivers of Pulmonary Vascular Endothelial Dysfunction in Pulmonary Hypertension: Is There a Role in Hfpef	Speaker: Stephan Chan
How to Diagnose HFpEF: The HFA-PEFF Diagnostic Algorithm	Speaker: Petar Seferovic
Putting It All Together: How to Translate Basic Science Insights in to Diagnosis and Manage of Hfpef	Speaker: Michael Zile
<b>HF in End Stage Kidney Disease: A Multidisciplinary Approach to an Underestimated Problem (ASN Joint Session)</b>	
<b>Moderator(s): Mark Sarnak; Janani Rangaswami</b>	
HF in End Stage Kidney Disease: Pathophysiology and Diagnostic Dilemmas	Speaker: Janani Rangaswami
Pharmacologic Considerations in Hfpatients with End-stage Kidney Disease	Speaker: Douglas Jennings
Frequent Dialysis: Cardiovascular Outcomes and Impact on Quality of Life in HF	Speaker: Christopher Chan
Implantable Ventricular Assist Device Use and Outcomes in People with End State Kidney Disease	Speaker: Carl P. Walther
Pulmonary Hypertension in Renal Disease: When to Dialyze and When to Treat?	Speaker: Brendan T. Bowman
Myocardial Recovery Following Kidney Transplantation	Speaker: Stephen Gottlieb
<b>Contemporary Dilemmas in LVAD Therapy</b>	
<b>Moderator(s): Edward Soltesz; Jeff Teuteberg</b>	
Should We Consider LVAD Explant with Myocardial Recovery?	Speaker: Francis Pagani
Is GI Bleeding Contraindication to LVAD Support?	Speaker: Peter Eckmann
When Is a Patient Too Frail to Undergo LVAD Implant?	Speaker: Mary E. Keebler
When Is Post LVAD RV Failure Risk Too High?	Speaker: Richa Agarwal
Candidate Selection Beyond INTERMACS 1-3: Benefits vs Risks	Speaker: J. Eduardo (Eddie) Rame
Considerations in Anticoagulation and Antiplatelet Therapy in LVAD Patients	Speaker: Douglas Jennings

## Fundamental Skills for AHFTC Training (Education Committee)

**Moderator(s): Kenneth Margulies; Jane Wilcox**

Cardiopulmonary Exercise Testing, Rhc/hemodynamics Including Vasodilator Challenge Interpretation)	Speaker: Payman Zamani
Shock (Temporary MCS) and VAD Troubleshooting	Speaker: Esther Vorovich
Beyond "cardiomyopathy:" Advanced Imaging (CMR, Echo) and CV Genetics	Speaker: Alanna Morris
Palliative Care Training, and Selection Criteria for Advanced Therapies	Speaker: Jill Steiner
Biopsy Interpretation, Treatment Rejection and Post-transplant Care	Speaker: Evan Kransdorf

## Systems of Care in Cardiogenic Shock

**Moderator(s): Mark Liszkowski; Esther Vorovich**

Multidisciplinary Care Teams for Regional Shock Networks	Speaker: Biswajit Kar
What Can We Learn from Systems of Care for Acute Myocardial Infarction and Stroke	Speaker: Michael Ward
The Longitudinal Escalation of Support Across Systems of Care from the ER to the ICU	Speaker: Jason Katz
After Shock Transitions-recovery, Bridge to Replacement or Palliation	Speaker: Amit Badiyae
Cost and Outcomes: Value Based Care for Treatment of CS	Speaker: Jamie Hernandez-Montfort

## Translational Omics in HF– Finally Getting Clinical?

**Moderator(s): Mario Deng; Thomas Wang**

Making Medicine Precise and Personalized	Speaker: Peter Liu
Polygenic Scores and Pharmacogenomics for Assessing HF Risk and Drug Responses	Speaker: David Lanfear
Current Metabolomic Strategies for HF Management	Speaker: Alanna Morris
Emerging Proteomic Technologies Applied to HF Detection	Speaker: Matthew Nayor
Circulating RNA as an Emerging Modifier of Cardiomyopathy	Speaker: Palak Shah
Multimarker Strategies in Clinical Practice: Which Ones? when to Test? what to Do?	Speaker: Alan Maisel

## Top Ten Clinical Trials and News in HF

Top Ten Clinical Trials and News in HF	Moderator(s): Marvin Konstam Panelist: Jay Cohn Panelist: Gary Francis Panelist: Barry Greenberg Panelist: Joann Lindenfeld Panelist: Joseph Hill
High Impact Original Investigations in HF	Moderator(s): Douglas Mann Panelist: Mandeep Mehra Panelist: Marco Metra Panelist: Christopher O'Connor Panelist: Nancy Sweitzer Panelist: James Udelson
Highlights from Journal of Cardiac Failure (JCF)	Moderator(s): Paul Hauptman Panelist: Eiran Gorodeski Panelist: Stephen Gottlieb Panelist: Hirohuki Tsutsui Panelist: Sue Wingate

## Lessons Learned: 100+ Years from HF Nurses (AAHFN Joint Session)

**Moderator(s): Susan Ammon; Karol Harshaw-Ellis**

Lessons Learned: Neurohormonal Blockade	Speaker: Marie Galvao
HF: Device Pearls	Speaker: Lisa Rathman
Lessons Learned: Advanced Hftherapies	Speaker: Kismet Rasmusson
Lessons Learned: Reducing Readmissions	Speaker: Sara Paul
Lessons Learned: Palliative Care in HF	Speaker: Ann Laramee

## Payer Mandates for Formal Shared Decision-making Interactions: How Do I Meet Coverage Decision Mandates?

**Moderator(s): Timothy Fendler; Larry Allen**

Patient Centeredness, Patient Engagement, and Shared Decision Making: What? Why? How	Speaker: Mary Walsh
The ICD Prevention Medicare Shared Decision Making Mandate	Speaker: Daniel Kramer
The LAAO Shared Decision Making Mandate	Speaker: Christopher Knoepke

Patient Decision Aids 2.0: User-centered Design for Widespread Dissemination and Implementation	Speaker: Shannon Dunlay
What Decision Aids and Where Can I Find Them?	Speaker: Colleen McIlvennan
<b>International Session: Global Challenges and Best Practices in Acute HFCare (Joint Session with ESC HFA/JHFS/CHFS)</b>	
<b>Moderator(s): Randall Starling; Petar Seferovic; Hirohuki Tsutsui</b>	
Mihai Gheorghiu Lectureship : Acute HF Across Borders	Speaker: Marco Metra
Applying guideline evidence into clinical practice: Lessons from the ESC Acute HF algorithm implementation	Speaker: Piotr Ponikowski
New Japanese Guideline for Acute and Chronic Health Failure	Speaker: Hiroyuki Tsutsui
The Practice and Progress on the Treatment of Heart Failure in China	Speaker: Jiang Zhang
"Kissing Bugs" sightings! When to suspect Chagas cardiomyopathy when presenting with acute HF?	Speaker: Juan Estaban Gomez Mesa
Awarding of Honorary FHFS	Presenter: Randall Starling
Awarding of Honorary FHFS	Panelist: Stefan Anker
Awarding of Honorary FHFS	Panelist: Jonathan Howlett
Awarding of Honorary FHFS	Panelist: Piotr Ponikowski
Awarding of Honorary FHFS	Panelist: Shelley Zieroth
Awarding of Honorary FHFS	Panelist: Jiang Zhang
<b>How to Diagnose and Manage Inflammatory Cardiomyopathies (Joint Session Myocarditis Foundation)</b>	
<b>Moderator(s): Leslie Cooper; Mario Deng</b>	
Looking Back at Our Founding Fathers: Genetic vs Environmental Basis for Cardiac Inflammatory Process in Sarcoidosis and Myocarditis?	Speaker: Edward Chen
I See Stars and Stripes And... Cardiac Inflammatory Response? Diagnosing Cardiac Sarcoidosis and Myocarditis	Speaker: Ron Blankstein
Gaining Independence from Clinical Events: Pharmacologic Treatment of Cardiac Sarcoidosis and Myocarditis	Speaker: Nisha Gilotra
How to Use Immunosuppression and IVIG in Refractory Cardiac Sarcoidosis or Fulminant Myocarditis	Speaker: Emer Joyce
Is Recovery an Option? Deciding How to Support Patients with Cardiac Sarcoidosis and Myocarditis	Speaker: Barry Trachtenberg
Clinical Dilemmas: Challenging Cases of Cardiac Sarcoidosis and Myocarditis	Panel: Ziad Talmeh
<b>Diet, Nutrition, and Cardiac Function: From Bedside to Bench and Back Again</b>	
<b>Moderator(s): Scott Hummel; W. H. Wilson Tang</b>	
Update on Nutrition Guidelines Relevant to HF	Speaker: Amanda Vest
NLRP3 Inflammation and Diet-induced Cardiac Dysfunction: A Novel Therapeutic Target	Speaker: Stefano Toldo
The Role of the Circadian Clock and Caloric Restriction in Modulating the Effects of Diet on Cardiac Function	Speaker: Martin Young
Micronutrient Insufficiencies and HF Outcomes: Just Associations or Opportunities for Intervention?	Speaker: Terry Lennie
Diet-induced Functional Changes in Gut Microbiota and Cardio-renal Consequences	Speaker: W. H. Wilson Tang
<b>Clinical Conundrums in Pharmacologic Therapy for Hfref: Case-based Approaches</b>	
<b>Moderator(s): Jean Nappi; Kavita Sharma</b>	
Physician Panelist (Cases 1-3)	Panelist: Faiez Zannad
Nurse Panelist (Cases 1-3)	Panelist: Marie Galvao
Pharmacist Panelist (Cases 1-3)	Panelist: Kerry Pickworth
Physician Panelist (Cases 1-3)	Panelist: Kirkwood Adams
Pharmacist Panelist (Cases 1-3)	Panelist: Jo Ellen Rodgers
Nurse Panelist (Cases 1-3)	Panelist: Sara Paul
<b>How to Engage Patient-Caregiver Dyads in Managing HF</b>	
<b>Moderator(s): Nancy Albert; Sandra Dunbar</b>	
Heart Failure Patient and Family Caregiver Dyads: Dyadic Roles and Relationships	Speaker: Karen Lyons
Models and Measures of Dyadic Care and Mutuality	Speaker: Harleah Buck
What's the Evidence: Does Dyadic Care Influence Hf outcomes?	Speaker: Julie Bidwell
Approaches to Analysis of Dyadic Data	Speaker: Christopher Lee
Bringing It All Together: Translating Research on Patient-caregiver Dyads and Self-care into Practice	Speaker: Barbara Riegel
Panel Discussion	Moderator(s): Nancy Albert
<b>Reducing Cardiovascular Risk and Renal Risk with SGLT2 Inhibitors: Exploring the Evidence.</b>	
<b>Chair: Mikhail Kosiborod</b>	
Introduction	Chair: Mikhail Kosiborod
Heart Failure with Diabetes: Double Trouble	Speaker: Robert Mentz
SGLT2 Inhibitors and Cardiovascular Outcomes	Speaker: Mikhail Kosiborod
SGLT2 Inhibitors and Renal Outcomes: Interpreting the Evidence	Speaker: George Barkis

## Brave New World of ATTR Cardiac Amyloidosis: Avoiding Pitfalls in Diagnosis and Treatment

**Co-Chair: Martha Grogan; Mathew Maurer**

Welcome and Introduction	Co-Chair: Martha Grogan; Mathew Maurer
Heightening Suspicion: Who is affected?	Speaker: Brian Drachman
Initial Laboratory Evaluation	Speaker: Ronald Witteles
Imaging: Focus on Nuclear Scintigraphy	Speaker: Grace Lin
Emerging Treatment Options: How to choose and when to initiate	Co-Chair: Mathew Maurer
Emerging Areas / Future Directions	Speaker: Martha Grogan

## Controversies in Acute Cardio-Renal Syndrome: Discussion and Debates on Fluid Wars

**Moderator(s): Horng Chen; Anuradha Lala**

Old Is Gold -- diuretics Are Still the Way to Decongest - Tricks of the Trade	Speaker: Wilfried Mullens
Done with Diuretics, Marching of the Machines	Speaker: Amir Kazory
Debate 1: Significance of Renal Biomarkers During Decongestion - PRO (Of Course the Heart Is the Center of the Universe!)	Speaker: Jeffrey Testani
Debate 1: Significance of Renal Biomarkers During Decongestion - CON (Save the Kidneys Dear Cardiologists!)	Speaker: Steven Coca
Debate 2: Early Renal Replacement Therapy with CRS in Stage 4 CKD - PRO (The Damage Is Done - Time to Start Dialysis)	Speaker: Merideth Brisco-Bacik
Debate 2: Early Renal Replacement Therapy with CRS in Stage 4 CKD - CON (No Dialysis Is Needed, Yet)	Speaker: Dan Negoianu

## Ten Simple Tips: Cardiac Amyloidosis: No Longer an Academic Exercise, Now a Treatable Pandemic

**Moderator(s): James Udelson; Daniel Judge**

Cardiac Amyloidosis: Road to Diagnosis and a Race Against Time	Speaker: Mazen Hanna
Role of Imaging in Diagnosis: Has Endomyocardial Biopsy Become Obsolete?	Speaker: Omar F. Abou Ezzeddine
Cardiologists' Amyloid Polyneuropathy Primer	Speaker: Sami Khella
2019 Update on Management of Transthyretin Amyloidosis	Speaker: Mathew Maurer
2019 Update on Management of Light Chain Amyloidosis	Speaker: Vaishali Sanchorawala
Advanced Therapies for Amyloidosis: No Longer an Absolute Contraindication for Some	Speaker: Justin Grodin

## How to Manage Cardiovascular Complications During Pregnancy (ACOG Joint Session)

**Moderator(s): Lisa Hollier; Eileen Hsich**

Peripartum Cardiomyopathy	Speaker: Dennis McNamara
Utilization and Interpretation of Cardiac Biomarkers During Pregnancy	Speaker: Nandita S. Scott
Management of HF Due to Valvular Heart Disease During Pregnancy	Speaker: Uri Elkayam
Management of Cardiomyopathy During Pregnancy	Speaker: Julie Rosenthal
Disparities in Cardiovascular Complications of Pregnancy	Speaker: Elizabeth Ofili
OB/GYN/MFM Perspective on Caring for Patients W/hf	Speaker: Lisa Levine

## Clinical Conundrums: Managing Afib and Device Therapies in HF - Case Based Debates (HRS Joint Session)

**Moderator(s): Mike Dickinson; Andrea Russo**

Debate 1: PRO - AF Ablation Should Be an Early Rhythm Management Strategy for Advanced HF	Speaker: Douglas Packer
Debate 1: CON - AF Ablation Should Be an Early Rhythm Management Strategy for Advanced HF	Speaker: Andrea Russo
Debate 2 : PRO - Patients W/recovered Ejection Fraction Should Undergo Routine Defibrillator Generator Change or Replacement to Prevent Sudden Cardiac Death Risk	Speaker: Lynne Warner Stevenson
Debate 2: CON - Patients W/recovered Ejection Fraction Should Undergo Routine Defibrillator Generator Change or Replacement to Prevent Sudden Cardiac Death Risk	Speaker: Wayne Levy
Debate 3: PRO - Imaging-based Device Optimization Should Be Routinely Performed Following Implantation of Cardiac Resynchronization Therapy	Speaker: Wilfried Mullens
Debate 3 : CON - Imaging-based Device Optimization Should Be Routinely Performed Following Implantation of Cardiac Resynchronization Therapy	Speaker: John J. Rickard

## The Multidimensional Challenge of Drug Pricing and Preapprovals (HFSA Advocacy Committee)

**Moderator(s): Maria Rosa Costanzo; Anthony Perez**

The Patient's Perspective: Is This Drug Worth It's Price?	Speaker: Robert Bilenker
The Government's Perspective: What Is the Government Doing to Control Costs?	Speaker: Adam Finkel
The Doctor's Perspective: What Do I Wish for My Patients?	Speaker: Paul Heidenreich
The Pharmacist's Perspective: What Are Realistic Expectations?	Speaker: Katherine Di Palo
A Drug Is Market-ready: What Are the Ingredients of It's Price?	Speaker: Saiza Elayda

Insurers and Pharmacy Benefits Managers: what Are Their Goals?	Speaker: Michael Schneider
<b>Late Breaking Clinical Trials</b>	
<b>Moderator(s): John Teerlink; Eric Velazquez</b>	
Late Breaking Clinical Trials	Commentator: Bertram Pitt Commentator: Kismet Rasmusson
Virtual Visits versus In-person Visits and Appointment No-show Rates	Speaker: Eiran Gorodeski
To Enable Spironolactone in Patients with Resistant Hypertension and Chronic Kidney Disease (AMBER): Results in Prespecified Subgroups	Speaker: Bryan Williams
Effects of Dapagliflozin on Biomarkers, Symptoms and Functional Status in Patients with Heart Failure with Reduced Ejection Fraction with and Without Diabetes - The Define-hf Trial	Speaker: Mikhail Kosiborod
Homage Proof of Concept Trial of Spironolactone for the Prevention of Heart Failure	Speaker: Faiez Zannad
<b>The Spectrum of Care for Patients with Genetic Cardiomyopathies</b>	
<b>Moderator(s): Daniel Jacoby; Ray Hershberger</b>	
Pharmacological & device-based Therapies for Arrhythmogenic Genetic Cardiomyopathies	Speaker: Daniel Judge
The Great Masquerader: Prevalence of Genetic Underpinnings of "idiopathic" Dilated Cardiomyopathy	Speaker: Nosheen Reza
Unique Challenges for Use of Advanced HF Therapies in Patients with Hypertrophic and Restrictive Cardiomyopathy	Speaker: Anjali Tiku Owens
Novel Therapeutic Targets in the Sarcomere: Mechanistic Implications of Genetic Cardiomyopathies and Beyond	Speaker: Stephen Heitner
Challenges to Family Based Screening of Pathogenic Variants and Patient Engagement	Speaker: Elizabeth Jordan
Patient Speaker 1 (hypertrophic Cardiomyopathy)	Speaker: Lisa Salberg
Patient Speaker 2 (dilated Cardiomyopathy)	Speaker: Greg Ruf
Patient Speaker 3 (arrhythmogenic Cardiomyopathy)	Speaker: Carol Lyn Jansen
The Spectrum of Care for Patients with Genetic Cardiomyopathies	Speaker: Daniel Jacoby
<b>Ten Simple Tips: Management of Patients with Diabetes and HF</b>	
<b>Moderator(s): Kirkwood Adams; Anita Deswal</b>	
Diabetes and Cardiovascular Risk: Focus on HF	Speaker: David Aguilar
SGLT2 Inhibitors and GLP1 Receptor Agonists in Diabetes and HF: Mechanisms to Clinical Trials	Speaker: Javed Butler
Glucose-lowering Agents to Improve Cardiorespiratory Fitness in HF	Speaker: Salvatore Carbone
Renal Considerations in Treatment of Diabetes with HF	Speaker: Akshay Desai
The Endocrinology Perspective: Management of Diabetes in Patients W/hf- what Goals, What Meds, and by Whom?	Speaker: Christina Mitchell
<b>Functional Mitral Regurgitation: An Update on Treatment Strategies</b>	
<b>Moderator(s): Dave Whellan; Mitchell Saltzberg</b>	
FMR in LVSD: How Common Is It Really After Optimal Therapy	Speaker: Michael Hall
FMR Is Severe FMR In Waiting: All You Need Is Exercise or Time	Speaker: James Udelson
Prevention Is Better Than A Cure: Treating Early In HF - Is There A Precedent?	Speaker: Sean Pinney
European Experience on Transcatheter Mitral Valve Repair: Mitra-FR, RESHAPE-HF, and Carollin	Speaker: Stefan Anker
American Experience on Transcatheter Mitral Valve Repair: COAPT	Speaker: Joann Lindenfeld
<b>Barriers to Implementation of New Therapies (CHFS Joint Session)</b>	
<b>Moderator(s): Randall Starling; Shelley Zieroth</b>	
Canadian Perspective: Is It Possible to Bring New Developments Rapidly to our HFPatients?	Speaker: Sean Virani
Canadian Patient Perspective	Speaker: Jillanne Code
U.S. Perspective: Is It Possible to Bring New Development Rapidly to our HFPatients?	Speaker: Biykem Bozkurt
U.S. Patient Perspective	Speaker: Rhonda Monroe
U.S. Patient Perspective	Speaker: Rhonda Monroe
Nurse Perspectivce: Is It Possible to Bring New Development Rapidly to our HFPatients?	Speaker: Julie Creaser
<b>Late Breaking Clinical Trials and Insights with Angiotensin Receptor Neprilysin Inhibitors</b>	
<b>Moderator(s): Randall Starling</b>	
Late Breaking Clinical Trials and Insights with Angiotensin Receptor Neprilysin Inhibitors	Panelist: Shelley Zieroth Panelist: Ambuj Roy Panelist: Christopher O'Connor Panelist: Nancy Sweitzer

Results of the PARAGON-HF Trial	Speaker: Scott Solomon
Effects of Sacubitril-valsartan Compared with Enalapril on Arterial Hemodynamics, Cardiac Remodeling, and Quality of Life in Patients with Heart Failure and Reduced Ejection Fraction	Speaker: Akshay Desai
Clinical Effectiveness of Sacubitril/valsartan Among Patients Hospitalized with Heart Failure with Reduced Ejection Fraction	Speaker: Stephen Greene
Effects of Angiotensin Receptor/neprilysin Inhibitor Therapy on Aminoterminal Pro-b-type Natriuretic Peptide and Cardiac Remodeling in Heart Failure with Reduced Ejection Fraction: The PROVE-HF Study	Speaker: James Januzzi
Cardiac Structure and Function Among Hfpef Patients in PARAGON-HF: The PARAGON-HF Echo Study	Speaker: Amil Shah

### Ten Simple Tips: How to Best Treat Volume Overload in Acute HF

#### Moderator(s): Jeffrey Testani; Steven Hollenberg

Creative Strategies for Teaching Patients How to Adjust Diuretics	Speaker: Audry Kleet
Treating Volume Overload with Good Ol' Diuretics: What's Works Best?	Speaker: G. Michael Felker
Augmenting Decongestion: When to Use IV Vasodilators and Inotropic Support	Speaker: Ian Hollis
Rise of the Machines: Renal Replacement & Device Therapies to Remove Fluid in Patients W/volume Overload	Speaker: Bradley Bart
Therapeutic Innovations to Decongest Patients Hospitalized for Volume Overload	Speaker: Marat Fudim

### New Insights to Cardio-oncology

#### Moderator(s): Daniel Lenihan; Edward Yeh

Optimizing HF Pharmacotherapy in a HF Patient	Speaker: Jo Ellen Rodgers
There's a Cancer Patient in My HF Clinic- what Do I Need to Know?	Speaker: Carrie Lenneman
Unintended Cardiac Consequences of Immune Checkpoint Inhibitors – When and How?	Speaker: Javid Moslehi
Early Detection of Cardiac Injury in Cancer Patients: What's the Best Strategy?	Speaker: Bonnie Ky
Managing Angiogenic Imbalance in the Cardio-oncology Clinic	Speaker: Ronald Witteles
Challenges in Advanced HF Therapies for Cancer Patients	Speaker: Guilherme Oliveira

### Understanding the Heart-Brain Connection: New Insights in Cognitive Impairment and Sleep Disordered Breathing (HFSA Nursing Committee)

#### Moderator(s): Judith Hupcey; Barbara Riegel

Overview of Mechanisms Underlying Cognitive Impairment in Persons W/hf	Speaker: John A. Dodson
Assessing Cognitive Impairment in Persons W/hf	Speaker: Barabara Birriel
Functional Impact of Cognitive Impairment on a Person W/hf	Speaker: Windy Alonso
Sleep Disordered Breathing and Cognition in HF: Symptoms, Mechanisms, Nad Myths	Speaker: Lisa Bratzke
Where Do We Go from Here?	Speaker: Susan Pressler

### The New Heart Transplantation Allocation

#### Moderator(s): Maureen P. Flattery; Josef Stehlik

The Pitfalls with the Old Transplant Allocation	Speaker: Monica Colvin
The Process of Changing the Heart Transplant Allocation	Speaker: Joseph Rogers
The New Heart Transplantation Allocation System	Speaker: Shelley Hall
Early Experience of New Allocation System from UNOS	Speaker: Ryan Davies
Clinical Dilemma: Case Presentations	Speaker: Chonyang Albert
RN Case Discussant	Speaker: Tiffany Buda

### Pharmacist-driven Transition of Care and Optimization Clinics: Challenges and Opportunities (ACCP Joint Session)

#### Moderator(s): William L. Bake; Herb Patterson

Structure and Scope of a Pharmacist Driven HF Clinic	Speaker: Kathleen Faulkenberg
Physical Assessment Related to HF Pharmacotherapy Optimization: A Nurse Practitioner's Perspective	Speaker: Beth Davidson
How Do I Get Paid? A Primer on Reimbursement for Pharmacy MTM Services	Speaker: Tracy E. Macaulay
Establishing a Pharmacist Driven HF Clinic in a Developing Country	Speaker: Bassam Atallah
Drug Recalls and Black Box Warnings: Best Practices and System	Speaker: Brad Williams

### Special Session: HF Awareness in African Americans

#### Moderator(s): Randall Starling

Introduction – Disparities in African Americans	Speaker: Elizabeth Ofili
Get Real About HF	Speaker: Shaquille O'Neal Panelist: Natalie Pierson Panelist: Dennis McNamara

	Panelist: Elizabeth Ofili
	Panelist: Todd Brown
Closing Remarks	Speaker: Randall Starling
<b>Hyde Park</b>	
<b>Moderator(s): Barry Greenberg; Hector O. Ventura</b>	
What I Could Do with a Month, a Year or Imagine 5 Years Cost of Tafamidis	Speaker: Mathew Maurer
A Modest Proposal: Unlike Jonathan Swift, I am Not Suggesting You Eat Your Children	Speaker: Cynthia Chauhan
Things That Frustrate Me, What I Would Like Our Fellows and New Faculty to Solve	Speaker: J. Thomas Heywood
<b>Addressing the Recovered Ejection Fraction: Is It Still "Heart Failure"?</b>	
<b>Moderator(s): Areih Fox; Viorel Florea</b>	
Clinical Characteristics and Outcomes	Speaker: Anup Basuray
Molecular Mechanism and Translational Predictors of Ventricular Recovery	Speaker: Omar Weaver-Pinzon
Predictors of Myocardial Recovery	Speaker: Jane Wilcox
Medical Management and Risks Following Withdrawal of Pharmacological Treatment	Speaker: Justin Vader
Outcomes Following Cardiac Resynchronization Therapy for Recovery	Speaker: John J. Rickard
Myocardial Recovery Following LVAD Unloading: When to Consider Explant?	Speaker: Sangjin Lee
<b>Ten Simple Tips: Managing Patients Across the Spectrum of Pulmonary Hypertension (Joint Session PHA)</b>	
<b>Moderator(s): Jeremy Mazurek; Marc Simon</b>	
The Approach to the Patient w/Pulmonary Arterial Hypertension: Case Presentation	Case Presenter: Sophia Airhart
The Approach to the Patient w/Pulmonary Arterial Hypertension: Discussant	Speaker: Anjali Vaidya
The Approach to the Patient w/Pulmonary Hypertension and Sickle Cell Disease: Case Presentation	Case Presenter: Sriram Rao
The Approach to the Patient with Pulmonary Hypertension and Sickle Cell Disease: Case Discussant	Speaker: Marc Simon
The Approach to the Patient w/Complex Mitral Valve Disease and Severe Pulmonary Vascular Disease: Case Presentation	Case Presenter: Mitchell Psootka
The Approach to the Patient w/Complex Mitral Valve Disease and Severe Pulmonary Vascular Disease: Case - Discussant	Case Discussant: Mardi Gomberg-Maitland
The Approach to the Patient w/Sleep Apnea and Pulmonary Hypertension: Case Presentation	Case Presenter: Ashrith Guha
The Approach to the Patient w/Sleep Apnea and Pulmonary Hypertension: Discussant	Case Discussant: Susan Joseph
The Approach to the Patient w/Chronic Thromboembolic Pulmonary Hypertension: Case Presentation	Case Presenter: Jeremy Mazurek
The Approach to the Patient w/Chronic Thromboembolic Pulmonary Hypertension: Discussant	Case Discussant: Paul Forfia
<b>The Psychosocial Assessment of the Advanced HF Patient</b>	
<b>Moderator(s): Eman Hamad; Linda Ordway</b>	
Substance Abuse and Candidacy for Advanced Therapies	Speaker: Nancy Sweitzer
Unique Psychosocial Challenges in the LVAD Patient	Speaker: Rebecca Cogswell
One Size Doesn't Fit All: Use of Risk Prediction Scores for the Psychosocial Evaluation	Speaker: Khadijah Breathett
Caregiver Impact on Candidacy and Outcomes for Advanced HF Therapies	Speaker: Maria Fe White
Caregiver Impact on Candidacy and Outcomes for Advanced HF Therapies	Speaker: Megan Olman
Managing Anxiety and Depression in Advanced Heart Failure: Practical Considerations	Speaker: Leopoldo Pozuelo
Should Legal Marijuana Be an Exception? Understanding Cardiovascular Risks of Cannabis Products	Speaker: Jalal Ghali
<b>Learning Health Systems for HF Care: Hype or Reality?</b>	
<b>Moderator(s): Lee Goldberg; Carolyn A Dickens</b>	
Creating the digital infrastructure for a HF learning health system	Speaker: Faraz Ahmad
Innovations in Ambulatory HF Clinics	Speaker: Lisa Rathman
Managing HF at Home in Vulnerable Patients	Speaker: Shirley Constantino
National Data Networks for Real-world Evidence: The Pcornet and Nestcc Experience	Speaker: Adrian Hernandez
Nudging" Patients with HF Towards Better Health	Speaker: Benjamin Horne