



4th Annual

HEART iN DIABETES

Where the Heart, Kidney and Diabetes Meet in Clinical Practice

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4th Heart in Diabetes Welcome Letter (Virtual):

We invite you to join us for the 4th Annual Heart in Diabetes (HiD) Live Interactive Online Medical Conference to be held from August 21-24, 2020. Following the conference, all content will be available on demand for 90 days. 4th HiD live virtual registration is FREE. Click [here](#) to register. Attendees may earn up to 28 FREE CME

Heart in Diabetes is a medical conference representing an educational initiative, which is a combined effort of cardiologists and endocrinologists. To date, the HiD congress has been a rousing success, with progressive growth of participants and impressive evaluations. Overall, attendees at the 3rd annual conference rated the congress a 3.04 out of 4 in terms of overall quality, educational content, and positive impact on knowledge and professional effectiveness.

The 4th Annual Heart in Diabetes (HiD) will convene expert faculty and practicing clinicians in a one-of-a-kind virtual scientific conference to share knowledge and best practices for managing patients with diabetes, heart disease, and various cardiometabolic conditions. Since 2017, this unique forum has enabled clinicians to improve care for patients with diabetes and obesity who have cardiovascular disease and/or chronic kidney disease, often with heart failure. These disorders share many pathological features and often occur in the same individual. Until recently, however, they were managed by different specialists with varying clinical priorities and goals. The strength of HiD is the promotion and development of cross-discipline approaches to the management of these conditions.

Recent trials have demonstrated cardiovascular benefits from agents that control glycemia, lipids, blood pressure, and inflammation in people with diabetes. However, among practicing professionals, including experts, there is a gap in understanding the implications of these new developments in disease management. The conference examines the newest outcome data and develops suggestions for clinicians and recommendations on the proper implementation of the studies results in practice.

HiD is an all "state-of-the-art" clinical program. The agenda will feature an award presentation "Luminary in Cardiometabolic Medicine" to Dr. Eugene Braunwald, who will provide a keynote lecture. This program provides up-to-date clinical science of the Heart in Diabetes through a multidisciplinary interpretation of outcome data and its implications for practice; this from cardiology, endocrine/diabetes, and nephrology points of view. The virtual conference will include joint sessions with Circulation and JACC (Journal of the American College of Cardiology). In addition, the conference will cover sessions on COVID-19 in Diabetes & CVD, Women & CVD, Contemporary Concepts & Management of DM & ASCVD, The Kidney, Technology & Digital Health, Lipids, Antithrombotics in Diabetes, The Liver, Managing Hyperglycemia, Treatment of Diabetes, Heart Failure and will cover Guidelines and Practice Recommendations. The 4th HiD will also feature several virtual abstract presentations from scientists and researchers around the world as well as several Non-CME Industry Supported presentations.



Yehuda Handelsman,
MD, FACP, FNLA, FASPC, MACE



Mikhail N. Kosiborod,
MD, FACC, FAHA

Heart in Diabetes (HiD) Scientific Committee

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Chair

Tarzana, California

Mikhail N. Kosiborod, MD
Chair

Kansas City, Missouri

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Laurence Sperling, MD
Atlanta, Georgia

Matthew R. Weir, MD
Baltimore, Maryland



PROGRAM DESCRIPTION:

This CME conference is a unique medical meeting that brings world-renowned clinical leaders in diabetes and cardiovascular disease and practicing clinicians together to improve the care of patients at a high risk of cardiovascular, metabolic, and kidney diseases. This program is designed to evaluate the clinical science aspects of diabetes, obesity, and CVD, focusing on the heart and kidney in diabetes. The goal is to develop appropriate, comprehensive clinical management plans aligning endocrinologists, cardiologists, nephrologists and all other interested clinicians in their understandings of the impact of diabetes and CVD outcome trials on the clinical management of these very high-risk patients.

PROGRAM OBJECTIVES: Upon completion of this meeting, participants should be able to:

- Discuss the role of incretins in the management of obesity, diabetes, and its complications
- Evaluate the evidence supporting the use of SGLT2 inhibitors and GLP1-RAs to reduce cardiovascular mortality in patients with T2D
- Evaluate the evidence supporting the use of SGLT2 inhibitors for HF prevention
- Evaluate the extent of vascular disease in diabetes and cardiometabolic syndrome
- Evaluate the extent of macro and microvascular disease in diabetes and obesity
- Provide comprehensive management of diabetes, addressing obesity, hypertension, and dyslipidemia as well as glucose
- Discuss changes in lipid management guidelines
- Evaluate the impact on the clinical practice of new CV outcome trials in patients with diabetes, including CANVAS, LEADER, SUSTAIN 6, and EMPA-REG
- Evaluate the impact on the clinical practice of lipid CV outcome trials, including IMPROVE-IT, FOURIER, REDUCE-IT, ODYSSEY-Outcomes
- Implement the best practices for the management of HFrEF
- Describe the relationship between diabetes, obesity, and congestive heart failure
- Describe the role of PCSK9 in lipid elevations and their potential contributions to vascular disease
- Understand the mechanism of action of PCSK9 inhibitors and CETP inhibitors and their impact on CVD
- Design appropriate insulin-based therapeutic regimens for patients with type 2 diabetes
- Describe obesity management based on a complications-centric model
- Evaluate bariatric procedures and surgery as well as devices, and their effect on weight loss, hormones, and long-term outcomes
- Describe optimal use of glucose monitoring devices

TARGET AUDIENCE

This educational initiative is designed for endocrinologists, cardiologists, diabetologists, nephrologists, internists, family physicians, nurse practitioners, physician assistants, and other healthcare professionals interested in the prevention and treatment of diabetes, obesity, cardiovascular disease, and associated conditions, as well as the effect of these conditions on health and society.

THE HID SCIENTIFIC COMMITTEE GRATEFULLY ACKNOWLEDGES

CORPORATE SUPPORT

Sapphire: **ESPERION**

Emeral: **AMARIN • ASTRAZENECA • BI/LILLY**

UNRESTRICTED EDUCATIONAL GRANTS

Premier Educator: **ASTRAZENECA**

Leader Educator: **AMGEN**

Major Educators: **ABBOTT • PFIZER/MERCK ALLIANCE • NOVO NORDISK**

Educator: **LILLY USA • AMARIN PHARMA INC**

PROGRAM 2020

FRIDAY AUGUST 21, 2020

Welcome & Introduction

Yehuda Handelsman, MD • Mikhail N. Kosiborod, MD

SESSION 1

COVID-19 IN DM & CVD

Chair: Derek LeRoith, MD, PhD

10:00am – 10:20am Obesity, a Major Predictor of Mortality by COVID-19: Associations with DM & CVD and Implications for Therapy
10:20am – 10:40am CVD Incidence & MOA in COVID-19: Vascular, Inflammatory & Thrombosis Implications
10:40am – 11:00am Ongoing Research of COVID-19 Complications & Management - Focus on DARE-19
11:00am – 11:20am Diabetes and the COVID-19 Pandemic
11:20am – 11:40am The Impact of COVID-19 on Cardiovascular Care & the Post-Pandemic Future of Cardiovascular Prevention
11:40am – 12:00pm Panel Discussion & Live Q&A

Christos S. Mantzoros, MD, PhD
Mansoor Husain, MD
Mikhail N. Kosiborod, MD
Zachary Bloomgarden, MD
Laurence Sperling, MD

SESSION 2

CONTEMPORARY CONCEPTS & MANAGEMENT OF DM & ASCVD

Chair: Laurence Sperling, MD

12:00pm – 12:20pm Epigenetic Modification to Reduce CVD in People with DM
12:20pm – 12:40pm The Surgical Management of CAD in DM
12:40pm – 1:00pm Update on CVOTs
1:00pm – 1:20pm Panel Discussion & Live Q&A

Kausik Ray, MD
Michael E. Farkouh, MD
Michael H. Davidson, MD

1:20PM – 2:05PM

PRODUCT THEATER Non-CME Industry Supported Session

VASCEPA® (icosapent ethyl): Elevating the Standard of Care
Supported by: Amarin

Yehuda Handelsman, MD



SESSION 3

CONTROVERSIES IN LIPID MANAGEMENT

Chair: Paul S. Jellinger, MD • Kausik Ray, MD

2:05pm – 2:25pm "Back to the Future" with Lipid Therapy
2:25pm – 2:45pm Should High Triglycerides Be Managed in Addition to a Statin & EPA?

Norman E. Lepor, MD
Sergio Fazio, MD, PhD

DEBATE: SHOULD TREATMENT WITH PCSK9I BE RESERVED FOR LDL > 100

2:45pm – 3:00pm Yes
3:00pm – 3:15pm No
3:15pm – 3:20pm Rebuttal
3:20pm – 3:25pm Rebuttal
3:25pm – 3:45pm Panel, Q&A, Audience Voting

Jennifer G. Robinson, MD
Steven E. Nissen, MD

SESSION 4

HEART IN DIABETES WITH CIRCULATION

Chairs: Biykem Bozkurt, MD, PhD

3:45pm – 3:50pm Introduction
3:50pm – 4:05pm GLP1ra Exenatide and Heart Failure Outcomes
4:05pm – 4:20pm The Diabetes Paradox in Aortic Aneurysm
4:20pm – 4:35pm Glycemic Control, Cardiac Autoimmunity, and Long-Term Risk of CVD in T1DM
4:35pm – 4:50pm Heart Failure Risk Stratification and Efficacy of SGLT2i in Patients with T2DM
4:50pm – 5:05pm Sugar and Artificially-Sweetened Beverages and CVD Risk - Reason for Concern?
5:05pm – 5:25pm Panel, Live Q&A

Biykem Bozkurt, MD, PhD
Robert J. Mentz, MD
Joshua Beckman, MD
Myra A. Lipes, MD
Benjamin M. Scirica, MD
Alice H. Lichtenstein, D.Sc.

5:25PM – 6:15PM

DAY 1 SUMMARY, LIVE Q&A | Panel: Biykem Bozkurt, MD, PhD • Vivian Fonseca, MD • Yehuda Handelsman, MD • Norman Lepor, MD • Derek LeRoith, MD, PhD • Laurence Sperling, MD

SATURDAY AUGUST 22, 2020

SESSION 5

WOMEN & CVD

Chairs: Norman E. Lepor, MD

10:00am – 10:20am Cardiovascular Disease Risk Reduction in Menopausal Women
10:20am – 10:40am Gender Differences in Cardiovascular Imaging
10:40am – 11:00am Sex Differences in DM & CVD Across Outcome Studies
11:00am – 11:20am Panel Discussion & Live Q&A

Gina P. Lundberg, MD
Matthew J. Budoff, MD
Neha J. Pagidipati, MD

SESSION 6

ADVANCES IN ANTI-THROMBOTICS IN DIABETES

Chairs: Deepak L. Bhatt, MD

11:20am – 11:40am Insights on Anti-thrombotic Strategies in Diabetes from THEMIS and THEMIS PCI
11:40am – 12:00pm Anti-thrombotic Therapy in Diabetes
12:00pm – 12:20pm COMPASS
12:20pm – 12:40pm Panel Discussion & Live Q&A

Philippe Gabriel Steg, MD
Richard C. Becker, MD
Deepak L. Bhatt, MD

12:40PM

AWARD PRESENTATION "LUMINARY IN CARDIOMETABOLIC MEDICINE"

Presented by: Deepak L. Bhatt, MD • Mikhail N. Kosiborod, MD • Yehuda Handelsman, MD

12:45PM

KEY NOTE: SGLT2i and the Birth of 2 PARADIGM SHIFTS in Clinical Care

1:15PM

LIVE Q&A

Eugene Braunwald, MD



1:30PM – 2:15PM

PRODUCT THEATER Non-CME Industry Supported Session

The Continuum of Heart Failure

Supported by: Boehringer Ingelheim Pharmaceuticals, Inc./Lilly USA

Robert J. Mentz, MD



SESSION 7

PRACTICE RECOMMENDATIONS IN DIABETES & ASCVD – AN UPDATE

Chairs: Lawrence A. Leiter, MD • Sergio Fazio, MD, PhD

2:15pm – 2:30pm

Contemporary Lipid Management Recommendations in the Prevention of CVD

Christie M. Ballantyne, MD

2:30pm – 2:45pm

ESC/EASD 2019 CVD in DM Guidelines

Peter J. Grant, MD

2:45pm – 3:00pm

ADA-EASD Practice Recommendations 2019 Update

David A. D'Alessio, MD

3:00pm – 3:15pm

AACE DM & Lipids Practice Recommendations

Yehuda Handelsman, MD

3:15pm – 3:35pm

Panel Discussion & Live Q&A

CME SUPPORTED SYMPOSIUM: THE PREVENTION AND MANAGEMENT OF HEART FAILURE

BY: ASTRAZENCA

Chairs: Yehuda Handelsman, MD • Javed Butler, MD



3:35pm – 3:40pm Introduction

3:40pm – 4:00pm Epidemiology and Pathophysiology of HF

Mikhail N. Kosiborod, MD

4:00pm – 4:20pm Preventing HF & HF Adverse Outcomes: A Look at the Evidence

Javed Butler, MD

4:20pm – 4:40pm The Present and Future Management of HFrEF and HFpEF

Biyyem Bozkurt, MD, PhD

4:40pm – 4:55pm **Panel Discussion:** Practical Management of HF – Case-Based

Panel: Biyyem Bozkurt, MD, PhD • Yehuda Handelsman, MD • Mikhail N. Kosiborod, MD

Christian W. Mende, MD • Muthiah Vaduganathan, MD

Moderator: Javed Butler, MD

4:55pm – 5:15pm Live Q&A

5:15PM – 6:15PM

DAY 2 SUMMARY, LIVE Q&A | Panel: Javed Butler, MD • Daniel Einhorn, MD • Yehuda Handelsman, MD • Mikhail Kosiborod, MD • Lawrence Leiter, MD • Norman Lopor, MD • Christian Mende, MD

SUNDAY AUGUST 23, 2020

SESSION 8

MANAGEMENT OF HYPERGLYCEMIA TO IMPROVE OUTCOMES

Chairs: George Grunberger, MD • Daniel Einhorn, MD

10:00am – 10:20am

Preventing Diabetes to Prevent CVD: Is it Chicken or Egg? (or Turkey?!)

Silvio E. Inzucchi, MD

10:20am – 10:40am

Managing Hyperglycemia in T2DM with Class 4-5 CKD

Vivian A. Fonseca, MD

10:40am – 11:00am

The Combination of SGLT2i and GLP1-ra's Impact on CVD

Ralph A. DeFronzo, MD

11:00am – 11:20am

Adjunctive Therapies for Type 1 Diabetes: Thinking Beyond Glucose Control

Richard E. Pratley, MD

11:20am – 11:40am

Panel Discussion & Live Q&A

SESSION 9

THE TREATMENT OF DIABETES

Chairs: Ralph A. DeFronzo, MD • Vivian A. Fonseca, MD

DEBATE: EARLY COMBINATION VS SEQUENTIAL THERAPY - IMPACT ON DM & CVD

11:40am – 12:00pm

Sequential Therapy

David M. Nathan, MD

12:00pm – 12:20pm

Early Combination Therapy

Stefano Del Prato, MD

12:20pm – 12:45pm

Panel, Q&A, Audience Voting

12:45PM – 1:30PM

PRODUCT THEATER Non-CME Industry Supported Session

The Next Horizon in the Heart Failure Treatment Paradigm for Patients with HFrEF: Results of the Landmark DAPA-HF Clinical Trial

Supported by: AstraZeneca

Johanna Contreras, MD



SESSION 10

HEART IN DIABETES WITH JACC

Chairs: Michael E. Farkouh, MD

1:30pm – 1:35pm

Introduction

Michael E. Farkouh, MD

1:35pm – 1:50pm

Atrial Fibrillation and Diabetes Mellitus

Allen Wang, MD

1:50pm – 2:05pm

Therapeutic Care, Health-Related Quality of Life, & Clinical Outcomes in Comorbid HFrEF and DM: The CHAMP-HF Registry

Muthiah Vaduganathan, MD

2:05pm – 2:20pm

Lipoprotein(a) Concentration and Risks of Cardiovascular Disease and Diabetes

Daniel Gudbjartsson, PhD

2:20pm – 2:35pm

SGLT2 Inhibition and Cardiorenal Protection

Julie A. Lovshin, MD, PhD

2:35pm – 2:50pm

Individualizing Revascularization Strategy for Diabetic Patients with Multivessel CAD

David J. Cohen, MD

2:50pm – 3:10pm

Panel, Live Q&A



SESSION 11

HEART FAILURE: STATE-OF-THE-ART

Chairs: Matthew J. Budoff, MD • Mansoor Husain, MD

3:10pm – 3:30pm Impact of Blood Pressure Variability on CHF
 3:30pm – 3:50pm HF in DM - Is it Morbidity Not Mortality We Need to Focus on?
 3:50pm – 4:10pm Physiologic Monitoring of Heart Failure
 4:10pm – 4:30pm DAPA-HF and Next Steps with SGLT2 Inhibitors in Heart Failure
 4:30pm – 5:00pm Panel Discussion & Live Q&A

Peter Reaven, MD
 Mark Kearney, MD
 Robert J. Chilton, DO
 John McMurray, MD

5:00PM – 6:00PM

DAY 3 SUMMARY, LIVE Q&A | Panel: Matthew Budoff, MD • Ralph DeFronzo, MD • Vivian Fonseca, MD • Yehuda Handelsman, MD • Mikhail Kosiborod, MD • Muthiah Vaduganathan, MD

MONDAY, AUGUST 24, 2020

SESSION 12

GLP1-RA IN ASCVD & THE KIDNEY

Chairs: Richard E. Pratley, MD • Matthew R. Weir, MD

10:00am – 10:20am Mechanistic Insights into Cardiovascular Effects of GLP1-ra
 10:20am – 10:40am GLP1-ra Impact on the Kidney
 10:40am – 10:55am Role of GLP1-ra in Trials in HF Patients
 10:55am – 11:15am Panel Discussion & Live Q&A

Nikolaus Marx, MD
 Mark E. Cooper, AO, PhD
 Javed Butler, MD

SESSION 13

THE KIDNEY & THE HEART

Chairs: Christian W. Mende, MD • Robert J. Chilton, DO

11:15am – 11:35am The Role of Sodium Restriction in HF in Type 2 Diabetes
 11:35am – 11:55am Effect of SGLT2i on BP and CKD Progression: Is it Dependent or Independent of BP?
 11:55am – 12:15pm How Do SGLT2i Reduce Cardiorenal Outcomes and Atrial Fibrillation
 12:15pm – 12:35pm Impact of Kidney Function on Mortality in the CVOTs
 12:35pm – 1:00pm Panel Discussion & Live Q&A

Jeffrey Testani, MD
 Matthew R. Weir, MD
 Subodh Verma, MD, PhD
 George L. Bakris, MD

1:00PM – 1:45PM

PRODUCT THEATER Non-CME Industry Supported Session

Atherosclerotic Cardiovascular Disease (ASCVD) in Diabetes: Identifying High Risk and Reducing the Burden of Elevated LDL-C Levels
 Supported by: Novartis

Speaker: TBD

SESSION 14

TECHNOLOGY & DIGITAL HEALTH

Chair: Christos S. Mantzoros, MD, PhD

1:45pm – 2:05pm Artificial Intelligence in the Future Management of Cardiovascular Disease and Diabetes
 2:05pm – 2:25pm The Implication of Digital Health for Cardiometabolic Conditions
 2:25pm – 2:45pm Is There an App for That? Role of Devices on Diabetes and CVD Management
 2:45pm – 3:00pm Panel Discussion & Live Q&A

Irving K. Loh, MD
 Michael P. Snyder, PhD
 George Grunberger, MD

SESSION 15

THE LIVER & THE HEART

Chair: Derek LeRoith, MD, PhD

3:00pm – 3:20pm NAFLD & the Heart as a Part of the Spectrum of Cardiometabolic Risk
 3:20pm – 3:40pm Emerging Management Options for NAFLD/NASH - Impact on Cardiometabolic Outcomes
 3:40pm – 3:55pm Panel Discussion & Live Q&A

Laurence Sperling, MD
 Christos S. Mantzoros, MD, PhD

3:55pm – 4:55pm

ABSTRACT ORAL PRESENTATIONS

2020 Abstract Committee: George Grunberger, MD Chair • Zachary T. Bloomgarden, MD • Matthew J. Budoff, MD
 Vivian A. Fonseca, MD • Norman E. Lepor, MD • Derek LeRoith, MD, PhD • Laurence Sperling, MD
 Abstracts will be published in **American Heart Journal** Editor-in-Chief: **Daniel Mark, MD, MPH**

4:55pm – 5:00pm

ORAL ABSTRACT WINNERS AWARD PRESENTATION

5:00PM – 6:00PM

DAY 4 SUMMARY, LIVE Q&A | Panel: Ralph DeFronzo, MD • George Grunberger, MD • Yehuda Handelsman, MD • Derek LeRoith, MD, PhD • Christian Mende, MD • Matthew Weir, MD

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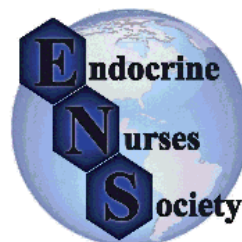
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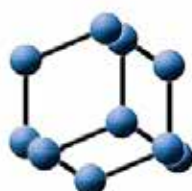
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