



PUERTO RICO
CHAPTER

AMERICAN COLLEGE
of CARDIOLOGY®

SCIENTIFIC MEETING

2023

TRANSFORMATIVE LIFE SAVING THERAPIES:
IMPACT IN HEALTH, ECONOMICS
AND CLINICAL PRACTICE

FINAL PROGRAM

APRIL
21&22

ROYAL SONESTA
SAN JUAN HOTEL
CAROLINA, PR



MESSAGE FROM THE GOVERNOR OF THE ACC PUERTO RICO

CONVENTION 2023

Welcome to our 2023 Annual, American College of Cardiology Puerto Rico Chapter Meeting. It is an honor to host and be a part of this inspirational and elegant journey. I would like to take a moment to acknowledge the tireless efforts of Cardiovascular professionals in Puerto Rico, including nursing, CV teams, students, hospitals, and physicians, who demonstrate an unwavering commitment, in the face of unprecedented challenges. You have been at the forefront of this global health crisis, working long hours, making sacrifices, and putting yourselves in harm's way to care for the sick and protection of our communities. As we begin to emerge from the pandemic, it's important to take a moment to reflect on what we've been through and to celebrate our resilience and strength. We have the opportunity to build a brighter future together as we may still face challenges and uncertainty in the future, but we can face them with confidence and optimism together. Your dedication to your patients and to the practice of medicine continues to motivate us all, to provide highest quality of care to those who need it most.

So let us celebrate our journey together with up-to-date science and world class faculty which have joined us this year, with renewed purpose and determination. Our ACC Board of Directors, President of the Scientific Committee Dr. Karen Rodríguez, and myself welcome you once again to our continued educational meeting; dedicated on bringing to the Cardiologist a complete and up to date educational experience focused on primary care challenges, coronary, structural, and valvular disease, among other topics. This year we are excited to host representation from the ACC Massachusetts Chapter and a combined effort for sharing science and collaboration with Dr. Colleen Harrington as well as world class faculty including President of the Society for Cardiovascular Angiography and Intervention, Dr. Sunil Rao. We continue with our commitment to efforts with the American College of Cardiology as we host Dr. Hadley Wilson, current National American College of Cardiology National President as well Chief Executive Officer, Cathy Gates. We continue to support our Fellows in Training as we host the Jeopardy Competition as well as exciting case presentations including FIT representation from the ACC Massachusetts Chapter. This year we are excited as well to welcome our new incoming Governor, Dr. Valentin Del Rio; we are thrilled and excited for the future of our Chapter as we know Dr. Del Rio is a visionary who will continue with the mission to bring forward science and academic offering in combined efforts with the National American College of Cardiology.

I feel delighted and optimistic for the future; your presence at this Meeting, including all of our members is our source of inspiration, recognizing the efforts of our past leaders. May their memories be a blessing to us all, and once again we thank you for your participation and welcome you to our ACC Puerto Rico Chapter Meeting 2023.

Sincerely,

Héctor J. Martínez González, MD, FACC
President and Governor

Puerto Rico Chapter Officers

President & Governor	Héctor J. Martínez-González, MD, FACC
President Elect	Valentín Del Río-Santiago, MD, FACC
Past President	Juan C. Sotomonte-Ariza, MD, FACC
Secretary-Treasurer	Francisco Lefebre-Llavona, MD, FACC

Cardiovascular Team Officers

President	Carmen Osorio-Santana, CNS, MSN, CVT
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Jorge Martínez-Díaz, MD, FACC (At Large)
Valentín Del Río-Santiago, MD, FACC (At Large)

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Karen Rodríguez-Maldonado, MD, FACC (President)
Orlando Rodríguez-Vilá, MD, FACC
Luis F. Rodríguez-Ospina, MD, FACC
Hilton Franqui-Rivera, MD, FACC

Cardiology Fellows in Training Delegates

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Carla Colón-Núñez, MD-CCPRC
Brian González-Sanabia, MD-Ponce

Chapter Executive Director

Eurencia Georgina Olmo, BBA

Secretary

Ainex Vélez-Silva

T. Jared Bunch, MD, FACC

Professor of Medicine
Department of Internal Medicine
Division of Cardiovascular Medicine
Section Chief of Electrophysiology
Medical Director of the Electrophysiology Laboratory
University of Utah School of Medicine
Salt Lake City, UT

David J. Cohen, MD, MSc

Director of Clinical and Outcomes Research
Cardiovascular Research Foundation (New York, NY)
Director of Academic Affairs
St. Francis Hospital
Roslyn, NY

Rodney H. Falk, MD, FACC

Director of the Cardiac Amyloidosis Program
Cardiovascular Medicine Specialist
Brigham and Women's Hospital
Associate Professor of Medicine
Harvard Medical School
Boston, MA

Hilton Franqui Rivera, MD, FACP, FACC, FAHRS

Assistant Professor of Medicine
University of Puerto Rico School of Medicine
Department of Medicine
Division of Cardiovascular Diseases
Associate Dean for Academic Affairs
University of Puerto Rico School of Medicine
San Juan, PR

Hemal Gada, MD, FACC

Medical Director
Structural Heart Program
UPMC Heart and Vascular Institute
Annville, PA

Colleen Harrington, MD, FACC, FASE

Cardiology Division
Massachusetts General Hospital
Associate Program Director
MGH Cardiology Fellowship
Governor
Massachusetts Chapter of the American College of Cardiology
Adjunct Assistant Professor of Medicine
Johns Hopkins School of Medicine
Boston, MA

**José A. Maldonado Vargas, MD,
DABR, MHA**

Chief, Diagnostic Radiology
Section
Director, Diagnostic Radiology
Residency Program
Chief, Cardiothoracic Imaging
Division
Assistant Professor
Department of Radiological
Sciences
University of Puerto Rico
School of Medicine
San Juan, PR

John A. Spertus, MD, MPH, FACC

Lauer/Missouri Endowed Chair
Professor of Medicine
University of Missouri-Kansas City
Clinical Director of Outcomes
Research
Saint Luke's Mid America Heart
Institute (MAHI)
Kansas City, MO

Sunil Rao, MD, FACC

Professor of Medicine
Director of Interventional
Cardiology
NYU Langone Health System
Director, Cardiac Catheterization
Laboratory
Tisch Hospital
New York, NY

B. Hadley Wilson, MD, FACC

President American College of
Cardiology 2023-2024
Professor of Medicine
University of North Carolina
School of Medicine
Charlotte, NC

CARDIOLOGY FELLOWS IN TRAINING**Pablo Cantero Schaffer, MD**

Fellow in Training (FIT)
University of Puerto Rico School of
Medicine
Cardiovascular Medicine Training
Program
San Juan, PR

Porfirio Diaz Rodríguez, MD

Fellow in Training (FIT)
VA Caribbean Healthcare System
Cardiovascular Disease Training Program
San Juan, PR

Steven García Santiago, MD

Fellow in Training (FIT)
University of Puerto Rico School of
Medicine
Cardiovascular Medicine Training
Program
San Juan, PR

Susan McIlvaine, MD

Fellow in Training (FIT)
General Cardiovascular Disease Beth
Israel Deaconess Medical Center
Boston, MA

Víctor Molina López, MD

Fellow in Training (FIT)
VA Caribbean Healthcare System
Cardiovascular Disease Training Program
San Juan, PR

Andrea San Antonio Sierra, MD

Fellow in Training (FIT)
Ponce Health Sciences University
Cardiovascular Medicine Training
Program
Ponce, PR

Omar Torres Colón, MD

Fellow in Training (FIT)
Ponce Health Sciences University
Cardiovascular Medicine Training
Program
Ponce, PR

Sponsorship Statement

This activity is sponsored by The Ponce Medical School Foundation, Inc. and the American College of Cardiology Puerto Rico Chapter.

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Ponce Medical School Foundation, Inc., and American College of Cardiology Puerto Rico Chapter. The Ponce Medical School Foundation, Inc is accredited by the Accreditation Council for Continuing Medical Education (ACCME), Provider's No. 0007249, to provide continuing medical education for physicians. The Ponce Medical School Foundation, Inc is accredited by the Puerto Rico Board of Licensing and Medical Disciplines, provider's No. 016-DC23-JLDM.

Credit Designation

The Ponce Medical School Foundation, Inc designate this educational activity for a maximum of **13.5** AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Faculty Disclosure Policy

It is the policy of Ponce Medical School Foundation, Inc to ensure independence, balance, objectivity, scientific rigor and integrity in all of its sponsored educational activities.

All persons who are in a position to control the educational content of a sponsored activity are expected to disclose to the participants any relevant financial relationship(s) they have with the commercial supporters and/or providers of commercial services and/or manufacturers of any commercial products discussed during the educational activity. All conflicts of interest have been identified and resolved prior to the release of this activity.

Target Audience

This program is designed for physicians.

Need Assessment

The Puerto Rico Chapter of the American College of Cardiology, on its 33rd Meeting, will provide the most updated information regarding the management of basic and complex cardiovascular diseases and practice improvement. A well-balanced scientific program has been developed, emphasizing appropriateness of care in patients with progressive and cardiovascular diseases and other relevant conditions carrying significant morbidity and mortality

in our population. Also, will highlight the application of current guidelines, existing and new technologies, and breakthroughs in the management and prevention of cardiovascular diseases.

Learning Objectives

At the end of the program the participant should be able to:

1. Updates in atrial fibrillation management
2. Appropriate use of antiarrhythmic therapies
3. Transcatheter Tricuspid Valve Therapies
4. Transcatheter Mitral Valve Therapies
5. Pre-procedural planning with cardiac CT for structural heart disease
6. Updates in TAVR management
7. Improving quality of life of patients with cardiovascular diseases
8. Cardiac emergencies in pregnancy
9. Coronary artery disease in women
10. Management of stable coronary artery disease: Controversy Regarding Revascularization
11. Heart failure: cardiogenic shock management
12. SGLT 2 inhibitors across spectrum of lv ef in heart failure
13. Review the importance of precision in determining the type of cardiac amyloidosis

Americans with Disabilities Act

The Ponce Medical School Foundation, Inc. and ACC Puerto Rico Chapter fully comply with the legal requirements of the ADA and rules and regulations thereof. Please notify ACC Puerto Rico Chapter if you have any special needs in the registration table.

Statement of Responsibility/Unlabeled Use Disclosure

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The opinions or views expressed in this CME activity are those of the presenters and do not necessarily reflect the opinions or recommendations of their affiliated institutions, The Ponce Medical School Foundation, Inc., or the ACC Puerto Rico Chapter. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

FRIDAY APRIL 21, 2023

- 7:00 AM** Registration & Continental Breakfast
- 7:45 - 8:00 AM** Welcoming Remarks
Héctor J. Martínez González, MD, FACC
 President & Governor ACC PR Chapter
Karen Rodríguez Maldonado, MD, FACC
 President Scientific Program Committee
- 8:00 - 9:30 AM** **SESSION 1:**
HEART FAILURE AND CLINICAL EP
Moderators:
Héctor Banch, MD & Frántonny Mercado, MD
- 8:00 - 8:20 AM** The impact of normal sinus rhythm in atrial fibrillation management: new insights from CABANA, EAST AF-net
Jared Bunch, MD
- 8:20 - 8:40 AM** Antiarrhythmic therapy Do's and Don'ts
Hilton Franqui, MD
- 8:40 - 9:00 AM** An Update on Cardiogenic Shock 2023
B. Hadley Wilson, MD
- 9:00 - 9:20 AM** Novel stratification for reducing heart failure admissions: risk stratification in ED
John Spertus, MD
- 9:20 - 9:30 AM** Questions & Answers
- 9:30 - 10:10 AM** **SESSION 2:**
FIT'S CASE PRESENTATIONS I
Moderators:
Erica Otero, MD, Richard Silva, MD & Brian González, MD

FRIDAY APRIL 21, 2023

- 9:35 - 9:45 AM** Heart Failure with reduced ejection fraction, a rare initial presentation of patient with undiagnosed AL amyloidosis
Pablo Cantero Schaffer, MD
- 9:45 - 9:55 AM** Apical hypertrophic cardiomyopathy in a transplanted heart
Víctor Molina López, MD
- 9:55 - 10:05 AM** Evolving indications for TAVR: a case of mixed aortic valve disease successfully managed with TAVR
Andrea San Antonio, MD
- 10:05 - 10:10 AM** Questions & Answers
- 10:10 - 10:40 AM** *Break & Exhibit Viewing*
- 10:40 AM - 12:00 PM** **SESSION 3**
CORONARY ARTERY DISEASE I: STRATEGIC MANAGEMENT
Moderators:
Sharlene Medina, MD & Carla Rosario, MD
- 10:40 - 10:55 AM** Bifurcation and left main PCI - optimizing outcomes
Sunil Rao, MD
- 10:55 - 11:10 AM** Revascularization for Left Main CAD: Is PCI an Option in 2023?
David Cohen, MD
- 11:10 - 11:30 AM** When and how to do PCI for high SYNTAX Score
Sunil Rao, MD
- 11:30 - 11:50 AM** Atypical chest pain, could be INOCA?
Colleen Harrington, MD

FRIDAY APRIL 21, 2023

11:50 AM - 12:00 PM Questions & Answers

12:00 - 1:30 PM **Satellite Symposium followed
by Lunch**

1:30 - 2:00 PM **FELLOWS IN TRAINING JEOPARDY:
QUESTIONS & ANSWERS**

2:00 - 3:30 PM **SESSION 4:
SPECIAL TOPICS I: CARDIAC AMYLOIDOSIS**
Moderators:
William Borges, MD & Juan Nieves, MD

2:00 - 2:20 PM AL and TTR amyloidosis:
a similar appearance with very
different outcomes and treatment
Rodney Falk, MD

2:20 - 2:40 PM Unraveling the puzzle:
the importance of precision in
determining the type of cardiac
amyloidosis
Rodney Falk, MD

2:40 - 3:00 PM Cardiac MRI for evaluation of
non-ischemic cardiomyopathies:
Current and upcoming techniques
José Maldonado, MD

3:00 - 3:20 PM Cardiac Amyloidosis: AL versus
TTR potpourri of cases
Rodney Falk, MD

3:20 - 3:30 PM Questions & Answers

3:30 - 4:00 PM **Break & Exhibit Viewing**

FRIDAY APRIL 21, 2023



4:00 - 5:00 PM

**SESSION 5:
SPECIAL TOPICS II:
CARDIOVASCULAR DISEASES IN
WOMEN**

Moderators:

Melissa Ruiz, MD & Maria Ramos, MD

4:00 - 4:25 PM

Pregnancy complicated by valvular
heart disease

Colleen Harrington, MD

4:25 - 4:50 PM

Acute cardiovascular complications
in pregnancy

Colleen Harrington, MD

4:50 - 5:00 PM

Questions & Answers

5:00 PM

Closing remarks

Héctor J. Martínez González, MD, FACC

5:00 - 6:30 PM

Welcome Reception at Exhibit Hall

SATURDAY APRIL 22, 2023

- 7:00 - 8:30 AM** Registration & Continental Breakfast
- 7:45 - 8:00 AM** Welcoming Remarks
Héctor J. Martínez González, MD, FACC
President & Governor ACC PR Chapter
Karen Rodríguez Maldonado, MD, FACC
President Scientific Program Committee
- 8:00 - 9:30 AM** **SESSION 6:**
INVESTING IN QUALITY OF LIFE
Moderators:
Francisco Merced, MD & Maria Peguero, MD
- 8:00 - 8:20 AM** Hearing the patient's voice: use QOL outcomes in clinical trials
John Spertus, MD
- 8:20 - 8:40 AM** Leadless pacemakers: what is the evidence, and will they replace traditional systems?
Jared Bunch, MD
- 8:40 - 9:00 AM** Investing in research to improve quality of care.
John Spertus, MD
- 9:00 - 9:20 AM** Atrial fibrillation, cognitive dysfunction, and dementia: mechanisms or risks and opportunities for prevention.
Jared Bunch, MD
- 9:20 - 9:30 AM** Questions & Answers

SATURDAY APRIL 22, 2023

- 9:30 - 10:15 AM** **SESSION 7:
FIT'S CASE PRESENTATIONS II**
Moderators:
**Erica Otero, MD, Richard Silva, MD &
Brian González, MD**
- 9:30 - 9:40 AM** Giant left atrial appendage:
A guiding plan
Omar Torres, MD
- 9:40 - 9:50 AM** Cryptogenic Stroke?
Not so Cryptogenic after all
Steven Garcia, MD
- 9:50 - 10:00 AM** When You Hear Hoofbeats...
Think Drug-Induced Lupus:
Cardiac Tamponade as The Presenting
Manifestation of Hydralazine-Induced
Lupus
Susan McIlvaine, MD
- 10:00 - 10:10 AM** Surviving a VT storm in a patient
presenting with refractory shock
therapies: Search for the Calm
Porfirio Diaz, MD
- 10:10 - 10:15 AM** Questions & Answers
- 10:15 - 10:45 AM** ***Break & Exhibit Viewing***
- 10:45 - 11:55 AM** **SESSION 8:
CORONARY ARTERY DISEASE II:
IMPACT IN CLINICAL PRACTICE**
Moderators:
**José Rodríguez Escudero, MD &
Julio Valentín, MD**

SATURDAY APRIL 22, 2023

- 10:45 - 11:05 AM** STEMI around the world and the ACC GHATI global heart attack treatment initiative
B. Hadley Wilson, MD
- 11:05 - 11:30 AM** Antiplatelet Therapy for PCI: 25 Years of Progress
David J. Cohen, MD
- 11:30 - 11:50 AM** Stable Coronary Artery Disease: Controversy Regarding Revascularization
Sunil Rao, MD
- 11:50 - 11:55 AM** Questions & Answers
- 11:55 AM - 1:20 PM** *Satellite Symposium followed by Lunch*
- 1:20 - 1:50 PM** **SESSION 9:**
MASTER LECTURE:
DR. JOSÉ EUGENIO LÓPEZ
Moderator:
Arturo Medina, MD
- 1:25 - 1:50 PM** The Cardiovascular Future and the New Frontiers
B. Hadley Wilson, MD
- 1:50 - 3:00 PM** **SESSION 10:**
STRUCTURAL HEART DISEASE I:
STRATEGIC MANAGEMENT
Moderators:
Migdoel Cruz, MD & Ernesto Soltero, MD
- 1:50 - 2:10 PM** TAVR: The Future in a Nutshell -- The Next 10 Years
Hemal Gada, MD
- 2:10 - 2:30 PM** Pre-procedural planning with cardiac CT for structural heart disease
José Maldonado, MD

SATURDAY APRIL 22, 2023

2:30 - 2:50 PM

TAVR: The Cusp Overlap Technique and the Transformation of Self-Expanding TAVR

Hemal Gada, MD

2:50 - 3:00 PM

Questions & Answers

3:00 - 3:30 PM

Break & Exhibit Viewing

3:30 - 4:40 PM

**SESSION 11:
STRUCTURAL HEART DISEASE II &
ECONOMICS**

Moderators:

Eric Avilés, MD & Edwin Pérez, MD

3:30 - 3:50 PM

Mitral: Are We Close to Multiple Transcatheter Repair and Replacement Platforms? -- Elusion and Illusion

Hemal Gada, MD

3:50 - 4:10 PM

Cost effectiveness of percutaneous valve therapy: Insights from major trials

David J. Cohen, MD

4:10 - 4:30 PM

Tricuspid: The Forgotten Valve -- Promise and Futility in Transcatheter Tricuspid Valve Therapies

Hemal Gada, MD

4:30 - 4:40 PM

Questions & Answers

4:40 PM

STATE OF THE CHAPTER

Héctor J. Martínez González, MD FACC

President & Governor ACC PR Chapter
National ACC Update

B. Hadley Wilson, MD, FACC

President ACC

5:00 PM

Closing Remarks

Héctor J. Martínez González, MD, FACC

Karen Rodríguez Maldonado, MD, FACC

Independent Satellite Symposia are not part of the official accredited ACC Puerto Rico Chapter 2023 Scientific Program.

Friday April 21, 2023

12:00 – 1:30 pm

Lecture: WATCHMAN™ Technology and Structural Heart Advancements
Speaker: Edwin Pérez, MD
Sponsored by: BOSTON SCIENTIFIC

Saturday April 22, 2023

11:55 am – 1:20 pm

Lecture: MLD MAX OCT Algorithm
Speaker: Ismael Ortiz, MD
Sponsored by: ABBOTT

April 21, 2023

5:00 - 6:30 pm

Welcome Reception at the Exhibit Hall

April 22, 2023

7:00 pm - 12:00 am

33rd Anniversary Dinner

Querube Ballroom, The Royal Sonesta San Juan Hotel

Semi-Formal Attire

Gentlemen - suit & tie

Ladies - cocktail dress

Complimentary for ACC Puerto Rico Chapter Members
and a guest

Non-Members - \$150 per person

Admission Ticket Required

Non-Transferable

NOTES:

- Smoking is prohibited in all Chapter meeting rooms / activities
- If you have a disability, notify us of any special need
This will allow us to serve you better

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