

Disclosure/Conflict of Interest Statement

DISCLOSURE POLICY

As a provider accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the American Nurses Credentialing Center (ANCC), the American College of Cardiology Foundation (ACCF) must ensure balance, independence, objectivity and scientific rigor in all of their directly provided or jointly provided/co-provided educational activities. Planners, presenters, and other contributors, in a position to control the content are required to disclose to the audience all relevant financial relationships he/she and/or his/her spouse or domestic partner may have, occurring within the past 12 months, with any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. When an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, the contributor should disclose that the product is not labeled for the use under discussion or that the product is still investigational.

ACCF is committed to providing its learners with high-quality activities and materials that promote improvements and quality in health care and not a specific proprietary business or commercial interest. The intent of this disclosure is not to prevent participation in educational activities by persons with a financial or other relationship, but rather to provide learners with information on which they can make their own determination whether financial interests or relationships may influence the educational activity.

ACCF assesses conflicts of interest (COI) with its faculty, planners, managers, staff and other individuals who are in a position to control the content of CME/CNE activities. All relevant potential conflicts of interest that are identified are thoroughly vetted through a process that includes course directors and appropriate peer review by education committee chairs/members, for fair balance, scientific objectivity and validity, and patient care and safety recommendations.

Please note ACCF staff involved with this activity have nothing to disclose.

Course Director

Valentin Fuster, MD, PhD, MACC

Director, Mount Sinai Heart

Physician-in-Chief, Mount Sinai Hospital

Director, Zena and Michael A. Wiener Cardiovascular Institute and Marie-Josée and Henry R. Kravis Center for Cardiovascular Health

Richard Gorlin, MD Heart Research Foundation

Professor of Cardiology

Mount Sinai Health System and Icahn School of Medicine

New York

General Director, Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC)

Madrid

Disclosures

Nothing to disclose

Nurse Planner

Kimberly V. Cheramie, MSN

Nurse Planner

American College of Cardiology

Washington, DC

Disclosures

Nothing to disclose

Faculty

Joseph E. Bavaria, MD, FACC

Professor of Surgery

Hospital of the University of Pennsylvania

Philadelphia

Disclosures

Research Grants

CytoSorbents; Edwards Lifesciences; Medtronic;

Vascutek; WL Gore & Associates

Antonio Bayes-Genis, MD, PhD

Professor

Hospital Universitari Germans Trias I Pujol

Barcelona, Spain

Disclosures

Other Relationships

Hospital Universitari Germans Trias I Pujol (International Patent Application Pending)

Disclosure/Conflict of Interest Statement - cont.

Deepak L. Bhatt, MD, MPH, FACC

Executive Director of Interventional Cardiovascular Programs
Brigham and Women's Hospital
Heart and Vascular Center
Professor of Medicine
Harvard Medical School
Boston

Disclosures

Consultant Fees/Honoraria
Elsevier Practice Update Cardiology

Other Relationships

Belvoir Publications (Editor in Chief, Harvard Heart Letter); Cardax (Advisory Board); Clinical Cardiology (Deputy Editor); Elsevier (Royalty); HMP Communications (Editor, Journal of Invasive Cardiology); Journal of Invasive Cardiology (Editor); Medscape Cardiology (Advisory Board); Merck & Co., Inc. (Planning Committee); Regado Biosciences (Advisory Board); Slack Publications/Cardiology Research Foundation (Editor); WebMD (Steering Committee)

Research Grants

Amarin; Amgen; AstraZeneca; Bristol-Myers Squibb; Eisai; Ethicon; FlowCo; Forest; Ischemix; Medtronic; Pfizer Inc; PLx Pharma; Roche; Sanofi; Takeda; The Medicines Company

Robert O. Bonow, MD, MACC

Goldberg Distinguished Professor of Cardiology
Director, Center for Cardiovascular Innovation
Northwestern University Feinberg School of Medicine
Chicago

Disclosures

Data Safety Monitoring Board
Harvard Clinical Research Institute

Other Relationships

Gilead (Reviewer of Grant Applications); Journal of the American Medical Association (Editor)

Ramon Brugada-Terradellas, MD, PhD, FACC

Girona Institute of Biomedical Research IDIBGI and School of Medicine
University of Girona
Girona, Spain

Disclosures

Consultant Fees/Honoraria
Ferrer inCode

Richard A. Chazal, MD, FACC

President
American College of Cardiology
Medical Director, Heart and Vascular Institute
Lee Memorial Health System
Fort Myers, FL

Disclosures

Nothing to disclose

G. William Dec Jr., MD, FACC

Chief Emeritus, Cardiology Division
Massachusetts General Hospital
Boston

Disclosures

Consultant Fees/Honoraria
Abbott; Daiichi Sankyo, Inc.; Riverside Partners, LLC

Roman W. DeSanctis, MD, FACC

Director of Clinical Cardiology, Emeritus
Massachusetts General Hospital
James and Evelyn Jenks and Paul Dudley White Professor of Medicine
Harvard Medical School
Boston

Disclosures

Nothing to disclose

Marcelo F. Di Carli, MD, FACC

Chief of Nuclear Medicine
Brigham and Women's Hospital
Assistant Professor of Radiology and Medicine
Harvard Medical School
Boston

Disclosures

Research Grants
Spectrum Dynamics

Disclosure/Conflict of Interest Statement - cont.

Gerald W. Dorn II, MD

Philip and Sima K. Needleman Professor
Director, Center for Pharmacogenomics
Washington University in St. Louis
St. Louis, MO

Disclosures

Nothing to disclose

Pamela S. Douglas, MD, MACC

Ursula Geller Professor of Research
Duke University Medical Center in Cardiovascular Diseases
Durham, NC

Disclosures (Spouse's disclosures in italics)

Consultant Fees/Honoraria

CardioDx; Elsevier; Genome Magazine; Interleukin Genetics; Omicia; Pappas Ventures; UpToDate

Data Safety Monitoring Board

GE Healthcare

Officer, Director, Trustee or Other Fiduciary Role

Alere

Ownership Interest/Partnership/Principal

CardioDx; Omicia; Origin Commercial Advisors

Research Grants

Bristol-Myers Squibb; Edwards Lifesciences; Gilead; HeartFlow; Ibis Biosciences; Merck & Co. Inc.; Novartis; Roche; Singulex

Michael Farkouh, MD, FACC

Peter Munk Chair in Multinational Clinical Trials
Director, Heart and Stroke
Richard Lewar Centre of Excellence in Cardiovascular Research
Professor and Vice Chair, Research
Department of Medicine
University of Toronto
Toronto

Disclosures

Research Grants
Amgen

James Forrester, MD, FACC

Emeritus Professor
Cedars-Sinai Medical Center
West Hollywood, CA

Disclosures

Nothing to disclose

Mario J. Garcia, MD, FACC

Chief, Division of Cardiology
Montefiore Medical Center - Albert Einstein College of Medicine
Cardiology Administration
Bronx, NY

Disclosures

Ownership Interest/Partnership/Principal
Pfizer Inc

Bernard J. Gersh, MB, CHB, DPHIL, MACC

Professor of Medicine
Mayo Clinic
Rochester, MN

Disclosures

Consultant Fees/Honoraria
Xenon Pharmaceuticals

Data Safety Monitoring Board

Armetheon Inc.; Baxter; Cardiovascular Research Foundation; Janssen Research and Development; Medtronic; Mount Sinai St. Lukes; TEVA Pharmaceuticals; Thrombosis Research Institute

Other Relationships (General Consulting)

Boston Scientific; Cipla Limited; Janssen Scientific Affairs, LLC; St. Jude Medical

Martin E. Goldman, MD, FACC

Director, Echocardiography Laboratory
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Nothing to disclose

Disclosure/Conflict of Interest Statement - cont.

Roger J. Hajjar, MD, FACC

Director, Cardiovascular Research Center
Arthur and Janet C. Ross Professor of Medicine
Professor of Gene and Cell Medicine
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Ownership Interest/Partnership/ Principal
Nanocor

Jonathan L. Halperin, MD, FACC

Robert and Harriet Heilbrunn Professor of Medicine
Director, Clinical Cardiology Services
Zena and Michael A. Wiener Cardiovascular Institute
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Consultant Fees/Honoraria
Bayer HealthCare; Boehringer Ingelheim; Medtronic;
Ortho-McNeil-Janssen; Pfizer Inc

David R. Holmes Jr., MD, MACC

Consultant, Cardiovascular Diseases
Mayo Clinic
Rochester, MN

Disclosures

Other Relationships
Boston Scientific (Technology licensed from Mayo Clinic to Boston Scientific)

Borja Ibáñez, MD, PhD

Professor, Cardiovascular Research
Centro Nacional de Investigaciones Cardiovasculares
Carlos III (CNIC)
Fundación Jiménez Díaz University Hospital
Madrid, Spain

Disclosures

Nothing to disclose

Masaki Ieda MD, PhD

Project Assistant Professor
Department of Clinical and Molecular Cardiovascular Research
Keio University School of Medicine
Tokyo, Japan

Disclosures

Nothing to disclose

Shalom Jacobovitz

Chief Executive Officer
American College of Cardiology
Washington, DC

Disclosures

Officer, Director, Trustee or Other Fiduciary Role
Clene Nano Medicine

William Schuyler Jones, MD, FACC

Assistant Professor of Medicine
Duke University Medical Center
Durham VA Medical Center
Durham, NC

Disclosures

Consultant Fees/Honoraria
Mondopoint

Other Relationships

Daiichi Sankyo, Inc. (CEC Activities)

Research Grants

AstraZeneca; Boston Scientific; Bristol-Myers Squibb;
Patient-centered Outcomes Research Institute

Disclosure/Conflict of Interest Statement - cont.

Martin B. Leon, MD, FACC

Director
Center for Interventional Vascular Therapy
Columbia University Medical Center
New York-Presbyterian Hospital
Professor of Medicine
Columbia University College of Physicians and Surgeons
New York

Disclosures

Consultant Fees/Honoraria

Abbott; Boston Scientific; Medtronic

Ownership Interest/Partnership/Principal

Claret

Research Grants

Edwards Lifesciences

Timothy J. Malins, MD, FACC

President, New York State Chapter
American College of Cardiology
Sands-Constellation Heart Institute
Director, Finger Lakes Branch
Rochester, NY

Disclosures

Nothing to disclose

Donna M. Mancini, MD

Professor of Medicine
Mount Sinai Health System and Icahn School of Medicine
Choudhrie Professor of Medicine
Columbia University
New York

Disclosures

Speaker's Bureau
Amgen

Francis E. Marchlinski, MD, FACC

Director of Electrophysiology Laboratory
Hospital of the University of Pennsylvania
Director of Electrophysiology
University of Pennsylvania Health System
Richard T. and Angela Clark President's Distinguished
Professor
Penn Medicine
Philadelphia

Disclosures

Consultant Fees/Honoraria

Biosense-Webster; Biotronik Inc.; Boston Scientific;
Medtronic; St. Jude Medical

Research Grants

Biosense-Webster; Boston Scientific; Medtronic; St. Jude
Medical

Barry J. Maron, MD, FACC

Hypertrophic Cardiomyopathy Institute
Division of Cardiology
Tufts Medical Center
Boston

Disclosures

Consultant Fees/Honoraria
Gene Dx

Vallerie V. McLaughlin, MD, FACC

Professor, Internal Medicine
University of Michigan
Ann Arbor, MI

Disclosures

Consultant Fees/Honoraria
Actelion; Bayer HealthCare; Caremark; St. Jude Medical;
SteadyMed; United Therapeutics

Research Grants

Actelion; Bayer HealthCare

Franz H. Messerli, MD, FACC

Professor of Medicine
University of Bern
Bern, Switzerland

Disclosures

Consultant Fees/Honoraria
Abbott; Daiichi Sankyo, Inc.; Ipcu Laboratories, Ltd.,
Medtronic; Menarini; Pfizer Inc; Servier

Disclosure/Conflict of Interest Statement - cont.

Matthias Nahrendorf, MD, PhD

Director, Mouse Imaging Program
Massachusetts General Hospital Center for Systems Biology
Associate Professor
Harvard Medical School
Boston

Disclosures

Nothing to disclose

Jane W. Newburger, MD, MPH, FACC

Associate Cardiologist-in-Chief for Academic Affairs
Children's Hospital Boston, Department of Cardiology
Commonwealth Professor of Pediatrics
Harvard Medical School
Boston

Disclosures

Consultant Fees/Honoraria

Bristol-Myers Squibb; Daiichi Sankyo, Inc ; Merck & Co., Inc.

Other Relationships

Bristol-Myers Squibb (Leadership/Events Committees); Novartis (Event Adjudication Committee); Pfizer Inc (Event Adjudication Committee)

Christopher M. O'Connor, MD, FACC

Chief Executive Officer
Inova Heart and Vascular Institute
Inova Fairfax Hospital
Falls Church, VA

Disclosures

Consultant Fees/Honoraria

AbbVie, Inc; Actelion; Bayer HealthCare; Bristol-Myers Squibb; Cardiorentis; Merck & Co., Inc.; ResMed; Roche

Ownership Interest/Partnership/Principal

Biscardia, LLC

Research Grants

Roche

Patrick T. O'Gara, MD, MACC

Director, Clinical Cardiology
Executive Medical Director
Shapiro Cardiovascular Center
Brigham and Women's Hospital
Professor of Medicine
Harvard Medical School
Boston

Disclosures

Nothing to disclose

Carlo Patrono, MD

Professor of Pharmacology
Catholic University School of Medicine
Rome, Italy
Adjunct Professor of Pharmacology
Perelman School of Medicine
University of Pennsylvania
Philadelphia

Disclosures

Consultant Fees/Honoraria

AstraZeneca; Bayer HealthCare

John D. Puskas, MD, FACC

Chair, Cardiothoracic Surgery at Mount Sinai
Professor, Cardiothoracic Surgery
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Other Relationships

Scanlan, Inc.

Daniel J. Rader, MD

Cooper-McClure Professor of Medicine
Director, Preventive Cardiovascular Medicine
University of Pennsylvania School of Medicine
Philadelphia

Disclosures

Consultant Fees/Honoraria

Aegerion; Alnylam Pharmaceuticals; Eli Lilly; Medimmune, Inc.; Novartis; Pfizer Inc

Ownership Interest/Partnership/Principal

Staten Bio; VascularStrategies

Disclosure/Conflict of Interest Statement - cont.

Vivek Y. Reddy, MD

Director, Cardiac Electrophysiology
Helmsley Trust Professor of Medicine
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Consultant Fees/Honoraria

Biosense-Webster; Boston Scientific; CardioFocus;
CardioInsight; Coherex; EBR; Impulse Dynamics;
Medtronic-Cryocath; Philips Medical Systems; Sentreheart;
St. Jude Medical

Ownership Interest/Partnership/Principal

ACT; Acutus Medical; Cibiem; Circa; DC Devices;
Guided Delivery Systems; Javelin; Keystone; Magnetecs;
Middlepeak; Perseus; VytronUS

Robert Roberts, MD, MACC

Professor of Medicine
University of Arizona College of Medicine
Phoenix

Disclosures

Officer, Director, Trustee or Other Fiduciary Role
Cumberland Pharmaceuticals

Josep Rodés-Cabau, MD

Director, Catheterization and Interventional Laboratories
Quebec Heart and Lung Institute
Professor of Medicine, Laval University
Quebec Heart and Lung Institute Laval University
Quebec City, Quebec

Disclosures

Research Grants

Edward Lifesciences; Medtronic; St. Jude Medical; V-Wave

Samin K. Sharma, MBBS, FACC

Director
Clinical and Interventional Cardiology
Professor of Medicine, Cardiology
Mount Sinai Health System and Icahn School of Medicine
New York

Disclosures

Speaker's Bureau

Abbott Vascular; Boston Scientific; Cardiovascular
Systems, Inc.; TriReme Medical; The Medicines Company

Torsten Peter Vahl III, MD

Assistant Professor of Medicine
Columbia University Medical Center
The Center for Interventional Vascular Therapy
New York

Disclosures

Nothing to disclose

David J. Wilber, MD, FACC

Director, Division of Cardiology and
Cardiovascular Institute
Stritch School of Medicine
Loyola University Medical Center
Maywood, IL

Disclosures

Consultant Fees/Honoraria

Biosense-Webster; Medtronic; St. Jude Medical

Research Grants

Sentreheart; Thermedical

Dileep R. Yavagal, MD

Chief, Interventional Neurology
Co-director, Endovascular Neurological Surgery
Associate Professor of Clinical Neurology and
Neurosurgery
Miller School of Medicine
University of Miami Health System
Miami

Disclosures

Nothing to disclose

Disclosure/Conflict of Interest Statement - cont.

Robert W. Yeh, MD, MSc, FACC

Director

The Richard A. and Susan F. Smith Center for Outcomes Research in Cardiology

Beth Israel Deaconess Medical Center

Associate Professor of Medicine

Harvard Medical School

Boston

Disclosures

Consultant Fees/Honoraria

Abbott Vascular; Boston Scientific

Research Grants

Boston Scientific

Salary

Harvard Clinical Research Institute