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BRAUNWALD'S HEART DISEASE

A Textbook of Cardiovascular Medicine



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NINTH EDITION

BRAUNWALD

心脏病学

心血管内科学教科书

(第9版)

英文影印版

上卷



天津出版传媒集团



天津科技翻译出版有限公司

Robert O. Bonow
Douglas L. Mann
Douglas P. Zipes
Peter Libby

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地址: 天津市南开区白堤路244号

邮政编码: 300192

电话: (022) 87894896

传真: (022) 87895650

网址: www.tsttpc.com

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BRAUNWALD'S HEART DISEASE

A Textbook of Cardiovascular Medicine

VOLUME I

NINTH EDITION

Edited by

Robert O. Bonow, MD

Max and Lilly Goldberg Distinguished Professor of Cardiology
Vice Chairman, Department of Medicine
Director, Center for Cardiac Innovation
Northwestern University Feinberg School of Medicine
Chicago, Illinois

Douglas L. Mann, MD

Lewin Chair and Professor of Medicine, Cell Biology, and Physiology
Chief, Division of Cardiology
Washington University School of Medicine in St. Louis
Cardiologist-in-Chief
Barnes-Jewish Hospital
Saint Louis, Missouri

Douglas P. Zipes, MD

Distinguished Professor
Professor Emeritus of Medicine, Pharmacology, and Toxicology
Director Emeritus, Division of Cardiology and the Krannert Institute of Cardiology
Indiana University School of Medicine
Indianapolis, Indiana

Peter Libby, MD

Mallinckrodt Professor of Medicine
Harvard Medical School
Chief, Cardiovascular Division
Brigham and Women's Hospital
Boston, Massachusetts

Founding Editor and Online Editor

Eugene Braunwald, MD, MD(Hon), ScD(Hon), FRCP

Distinguished Hersey Professor of Medicine
Harvard Medical School
Chairman, TIMI Study Group
Brigham and Women's Hospital
Boston, Massachusetts

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影印版序

在心血管领域,提及Eugene Braunwald这个名字,应该是无人不晓的。他是心脏病学界的泰斗,亦是心脏病学领域的传奇人物! Braunwald教授是一位优秀的心脏病学家、教育家,伟大的研究者。他开创了现代临床心脏病学科,并引领学科临床、科研发展半个世纪。同时他言传身教,著书立说,影响了无数的心脏病学研究学者及临床医生。其主编的《Braunwald心脏病学》,是一本综合的、权威的心血管医学领域的教科书,被称为“所有心血管医生的圣经”!

这部巨著第七版翻译成中文后,被我国心脏病学医生广泛传阅与研读。而如今,随着我国广大医生英语水平的逐渐提高,越来越多的人希望能读到这部心脏病学经典著作原汁原味的英文版本。天津科技翻译出版有限公司了解到读者这一需求,引进出版了这部巨著的影印版本,并且以社会效益为优先考量,以低于原版书一半多的价位,附赠光盘的形式,将其呈现于我国广大读者。

该书自1980年问世以来,已再版修订8次,此次影印的是其最新版本——第9版。全书分为10个部分,共94章,除了继续保持前几版的风格和传统,内容覆盖心脏病学领域的各个部分,注重介绍疾病预防与诊治的最新进展之外,还对全书进行了全面的更新。在之前版本基础上新增了9章,而且有24章增加了新的内容。本版着重阐述了心脏病学最前沿的知识,包括分子成像、血管内超声、心血管再生和组织工程、通过器械检测心衰程度及心衰的器械治疗、房颤的治疗、结构性心脏疾病、Chagasic心脏病、心血管医学伦理学、临床试验设计和执行,以及许多其他的研究热点。此外本书还对美国心脏病学会心血管疾病的最新指南进行了总结。

书中各章节均由业界公认的权威学者编写,综合了他们各自最新、最重要的研究成果,涉及分子生物学、遗传学、影像学、介入治疗及药物治疗等。不仅内容全面,论述精辟,而且版式设计合理、图片精美。全书附有约2500幅精美图片和600张表格。为了应对心脏病学领域知识更新的快速节奏,本书紧跟时代步伐,全面总结了心脏病学的基础理论知识、重要的科研结果,以及最新的循证证据,为广大心血管专业医师、内科医师及医学生提供了最权威的指导和最佳的可行性方法。

当前,我国心血管疾病的发病率和死亡率逐年上升,发病年龄提前,心血管疾病已成为影响人们健康的“第一杀手”。作为心血管疾病防治的临床医生,肩负着重大的责任,我们只有与时俱进地不断学习,才能应对更多、更艰难、更复杂的挑战。这部影印版巨著的出版,为我们打开了一扇窗,虽然不见现成的翻译过来的中文文字,但跃过文字转换这一槛,它却可以让我们更近地领略这部经典巨著的风采,更直接地分享这些大家们关于心血管治疗和科学研究的真知灼见!从而提高临床专业知识水平和专业技能,为更多的医生带来帮助,为更多的患者带来福音。

祝愿我国心血管疾病防治取得更大进展!



2012年12月

Dedication

We are proud to dedicate the ninth edition of *Braunwald's Heart Disease* to its founder, Eugene Braunwald, MD. The first edition of this work, published 30 years ago, established a standard of excellence that is rarely, if ever, achieved in publishing. Dr. Braunwald personally wrote half of the book and expertly edited the rest. He did the same for the next four editions, taking a 6-month sabbatical every 4 to 5 years to accomplish that. For the sixth edition, published in 2001, he invited two of us (PL, DPZ) to share the experience with him, increasing the editors by one (ROB) for the seventh edition. A new editor (DLM) joined for the eighth edition, and Dr. Braunwald no longer directly participated in the day-to-day editing of the print text, while still contributing some of the key chapters. However, he kept his finger on the pulse of the text and for that edition began *twice-weekly* electronic updates. Incorporating the most recent research, reviews, and opinions into the electronic text has continued through this ninth edition, making *Braunwald's Heart Disease* truly a living work and setting it apart from other texts. Dr. Braunwald, through his research, teaching, and mentorship, has shaped much of contemporary cardiovascular medicine, and it is with gratitude and admiration that we dedicate this edition of *his work* to him.

Robert O. Bonow

Douglas L. Mann

Douglas P. Zipes

Peter Libby

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Hospital, Tabriz, Iran; Leili Pourafkari, MD, Razi Hospital, Tabriz, Iran; Banasiak Waldemar, MD, Centre for Heart Disease, Military Hospital, Wroclaw, Poland; Carlos Benjamín Alvarez, MD, PhD, Sacré Coeur Institute, Buenos Aires, Argentina; Elias B. Hanna, MD, Division of Cardiology, Louisiana State University, New Orleans, Louisiana.

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CONTRIBUTORS

William T. Abraham, MD

Professor of Internal Medicine, Physiology, and Cell Biology; Chair of Excellence in Cardiovascular Medicine; Director, Division of Cardiovascular Medicine; Deputy Director, The Davis Heart and Lung Research Institute, The Ohio State University, Columbus, Ohio
Devices for Monitoring and Managing Heart Failure

Michael A. Acker, MD

Professor of Surgery, University of Pennsylvania School of Medicine; Chief, Division of Cardiovascular Surgery, University of Pennsylvania Medical Center, Philadelphia, Pennsylvania
Surgical Management of Heart Failure

Michael J. Ackerman, MD, PhD

Professor of Medicine, Pediatrics, and Pharmacology; Consultant, Cardiovascular Diseases and Pediatric Cardiology; Director, Long QT Syndrome Clinic and the Windland Smith Rice Sudden Death Genomics Laboratory, Mayo Clinic, Rochester, Minnesota
Genetics of Cardiac Arrhythmias

Philip A. Ades, MD

Professor of Medicine, Division of Cardiology, Fletcher-Allen Health Care, University of Vermont College of Medicine, Burlington, Vermont
Exercise and Sports Cardiology

Elliott M. Antman, MD

Professor of Medicine, Harvard Medical School; Senior Investigator, TIMI Study Group, Brigham and Women's Hospital, Boston, Massachusetts
Design and Conduct of Clinical Trials; ST-Segment Elevation Myocardial Infarction: Pathology, Pathophysiology, and Clinical Features; ST-Segment Elevation Myocardial Infarction: Management; Guidelines: Management of Patients with ST-Segment Elevation Myocardial Infarction

Piero Anversa, MD

Professor of Anesthesia and Medicine; Director, Center for Regenerative Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts
Cardiovascular Regeneration and Tissue Engineering

Gary J. Balady, MD

Professor of Medicine, Boston University School of Medicine; Director, Non-Invasive Cardiovascular Laboratories, Section of Cardiology, Boston Medical Center, Boston, Massachusetts
Exercise and Sports Cardiology

Kenneth L. Baughman, MD (deceased)

Professor of Medicine, Harvard Medical School; Director, Advanced Heart Disease, Division of Cardiovascular Medicine, Brigham and Women's Hospital, Boston, Massachusetts
Myocarditis

Joshua Beckman, MD, MSc

Assistant Professor of Medicine, Harvard Medical School; Director, Cardiovascular Fellowship, Cardiovascular Division, Brigham and Women's Hospital, Boston, Massachusetts
Anesthesia and Noncardiac Surgery in Patients with Heart Disease; Guidelines: Reducing Cardiac Risk with Noncardiac Surgery

Michael A. Bettmann, MD

Professor and Vice Chair for Interventional Services, Department of Radiology, Wake Forest University Baptist Medical Center, Medical Center Boulevard, Winston-Salem, North Carolina
The Chest Radiograph in Cardiovascular Disease

Deepak L. Bhatt, MD, MPH

Associate Professor of Medicine, Harvard Medical School; Chief of Cardiology, VA Boston Healthcare System; Director, Integrated Interventional Cardiovascular Program, Brigham and Women's Hospital & VA Boston Healthcare System; Senior Investigator, TIMI Study Group, Brigham and Women's Hospital, Boston, Massachusetts
Percutaneous Coronary Intervention; Guidelines: Percutaneous Coronary Intervention; Endovascular Treatment of Noncoronary Obstructive Vascular Disease

William E. Boden, MD

Professor of Medicine and Preventive Medicine; Clinical Chief, Division of Cardiovascular Medicine, University at Buffalo Schools of Medicine & Public Health; Medical Director, Cardiovascular Services, Kaleida Health; Chief of Cardiology, Buffalo General and Millard Fillmore Hospitals, Buffalo, New York
Stable Ischemic Heart Disease; Guidelines: Chronic Stable Angina

Robert O. Bonow, MD

Max and Lilly Goldberg Distinguished Professor of Cardiology; Vice Chairman, Department of Medicine; Director, Center for Cardiovascular Innovation, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Cardiac Catheterization; Nuclear Cardiology; Guidelines: Infective Endocarditis; Care of Patients with End-Stage Heart Disease; Valvular Heart Disease; Guidelines: Management of Valvular Heart Disease; Appropriate Use Criteria: Echocardiography

Eugene Braunwald, MD, MD(Hon), ScD(Hon), FRCP

Distinguished Hersey Professor of Medicine, Harvard Medical School; Founding Chairman, TIMI Study Group, Brigham and Women's Hospital, Boston, Massachusetts
Unstable Angina and Non-ST Elevation Myocardial Infarction; Guidelines: Unstable Angina and Non-ST Elevation Myocardial Infarction

Alan C. Braverman, MD

Alumni Endowed Professor in Cardiovascular Diseases; Professor of Medicine; Director, Marfan Syndrome Clinic; Director, Inpatient Cardiology Firm, Washington University School of Medicine, St. Louis, Missouri
Diseases of the Aorta

J. Douglas Bremner, MD

Professor of Psychiatry and Radiology, Department of Psychiatry and Behavioral Sciences, Emory University School of Medicine & Atlanta VAMC, Atlanta, Georgia
Psychiatric and Behavioral Aspects of Cardiovascular Disease

Hugh Calkins, MD

Nicholas J. Fortuin Professor of Cardiology; Professor of Medicine, The Johns Hopkins Medical University School of Medicine; Director of the Arrhythmia Service and Clinical Electrophysiology Laboratory, The Johns Hopkins Hospital, Baltimore, Maryland
Hypotension and Syncope

Christopher P. Cannon, MD

Associate Professor of Medicine, Harvard Medical School; Senior Investigator, TIMI Study Group, Cardiovascular Division, Brigham and Women's Hospital, Boston, Massachusetts
Approach to the Patient with Chest Pain; Unstable Angina and Non-ST Elevation Myocardial Infarction; Guidelines: Unstable Angina and Non-ST Elevation Myocardial Infarction

John M. Canty, Jr., MD

Albert and Elizabeth Reka Professor of Medicine; Chief, Division of Cardiovascular Medicine, University at Buffalo, Buffalo, New York
Coronary Blood Flow and Myocardial Ischemia

Agustin Castellanos, MD

Professor of Medicine, University of Miami Miller School of Medicine; Director, Clinical Electrophysiology, University of Miami/Jackson Memorial Medical Center, Miami, Florida
Cardiac Arrest and Sudden Cardiac Death

Bernard R. Chaitman, MD

Professor of Medicine; Director, Cardiovascular Research, St. Louis University School of Medicine, Division of Cardiology, St. Louis, Missouri
Exercise Stress Testing; Guidelines: Exercise Stress Testing

Ming Hui Chen, MD, MMSc

Assistant Professor of Medicine, Harvard Medical School; Director, Cardiac Health for Hodgkin's Lymphoma Survivors; Associate in Cardiology, Department of Cardiology, Children's Hospital Boston, Boston, Massachusetts
The Cancer Patient and Cardiovascular Disease

Heidi M. Connolly, MD

Professor of Medicine, Mayo Clinic College of Medicine; Consultant, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, Minnesota
Echocardiography

Mark A. Creager, MD

Professor of Medicine, Harvard Medical School; Director, Vascular Center, Brigham and Women's Hospital, Boston, Massachusetts
Peripheral Artery Diseases

Edécio Cunha-Neto, MD, PhD

Associate Professor of Immunology, University of São Paulo; Researcher of the Cardiac Immunology Laboratory, The Heart Institute (INCOR), University of São Paulo Medical School, São Paulo, Brazil
Chagas' Disease

Charles J. Davidson, MD

Professor of Medicine; Medical Director, Bluhm Cardiovascular Institute; Clinical Chief, Division of Cardiology, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Cardiac Catheterization

Vasken Dilsizian, MD

Professor of Medicine and Diagnostic Radiology; Chief, Division of Nuclear Medicine; Director, Cardiovascular Nuclear Medicine and PET Imaging, University of Maryland School of Medicine, Baltimore, Maryland
Nuclear Cardiology

Stefanie Dimmeler, PhD

Professor and Director of the Institute of Cardiovascular Regeneration, Centre for Molecular Medicine, Goethe-University Frankfurt, Frankfurt, Germany
Emerging Therapies and Strategies in the Treatment of Heart Failure

Pamela S. Douglas, MD

Ursula Geller Professor of Research in Cardiovascular Diseases, Division of Cardiovascular Medicine, Duke University Medical Center, Durham, North Carolina
Cardiovascular Disease in Women

Andrew C. Eisenhauer, MD

Assistant Professor of Medicine, Harvard Medical School; Director, Interventional Cardiovascular Medicine Service; Associate Director, Cardiac Catheterization Laboratory, Brigham and Women's Hospital; Director, Cardiac Quality Assurance, Partners Health Care, Boston, Massachusetts
Endovascular Treatment of Noncoronary Obstructive Vascular Disease

Linda L. Emanuel, MD, PhD

Buehler Professor of Geriatric Medicine; Director, The Buehler Center on Aging, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Care of Patients with End-Stage Heart Disease

Edzard Ernst, MD, PhD, FMed Sci, FRCP, FRCP(Edin)

Chair in Complementary Medicine, Peninsula Medical School, University of Exeter, Exeter, United Kingdom
Complementary and Alternative Approaches to Management of Patients with Heart Disease

James C. Fang, MD

Professor of Medicine, Division of Cardiovascular Medicine, Case Western Reserve University School of Medicine, Harrington-McLaughlin Heart and Vascular Institute, University Hospitals, Cleveland, Ohio
The History and Physical Examination: An Evidence-Based Approach

G. Michael Felker, MD, MHS

Associate Professor of Medicine, Division of Cardiology, Duke University School of Medicine, Durham, North Carolina
Diagnosis and Management of Acute Heart Failure Syndromes

Gerasimos S. Filippatos, MD

Head, Heart Failure Unit, Attikon University Hospital, Department of Cardiology, University of Athens, Athens, Greece
Diagnosis and Management of Acute Heart Failure Syndromes

Stacy D. Fisher, MD

Director of Women's and Complex Heart Disease, Department of Cardiology, University of Maryland Comprehensive Heart Center, Baltimore, Maryland
Cardiovascular Abnormalities in HIV-Infected Individuals

Lee A. Fleisher, MD

Roberts D. Dripps Professor and Chair of Anesthesiology and Critical Care; Professor of Medicine, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania
Anesthesia and Noncardiac Surgery in Patients with Heart Disease; Guidelines: Reducing Cardiac Risk with Noncardiac Surgery

Thomas Force, MD

Wilson Professor of Medicine, Thomas Jefferson University; Clinical Director, Center for Translational Medicine, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania
The Cancer Patient and Cardiovascular Disease

J. Michael Gaziano, MD, MPH

Professor of Medicine, Harvard Medical School; Chief, Division of Aging, Brigham and Women's Hospital; Director, Massachusetts Veterans Epidemiology and Research Information Center (MAVERIC), VA Boston Healthcare System, Boston, Massachusetts
Global Burden of Cardiovascular Disease; Primary and Secondary Prevention of Coronary Heart Disease

Thomas A. Gaziano MD, MSc

Assistant Professor, Harvard Medical School; Associate Physician, Cardiovascular Medicine, Brigham & Women's Hospital, Boston, Massachusetts
Global Burden of Cardiovascular Disease

Jacques Genest, MD

Professor of Medicine; Scientific Director, Center for Innovative Medicine, McGill University Health Center, McGill University, Montreal, Quebec, Canada
Lipoprotein Disorders and Cardiovascular Disease

Mihai Gheorghiade, MD

Professor of Medicine and Surgery; Director, Experimental Therapeutics/Center for Cardiovascular Innovation; Northwestern University Feinberg School of Medicine, Chicago, Illinois; Co-Director, Duke Cardiovascular Center for Drug Development, Raleigh, North Carolina
Diagnosis and Management of Acute Heart Failure Syndromes

Ary L. Goldberger, MD

Professor of Medicine, Harvard Medical School & Wyss Institute for Biologically Inspired Engineering at Harvard University; Director, Margret and H.A. Rey Institute for Nonlinear Dynamics in Medicine, Beth Israel Deaconess Medical Center, Boston, Massachusetts
Electrocardiography; Guidelines: Electrocardiography

Samuel Z. Goldhaber, MD

Professor of Medicine, Harvard Medical School; Director, Venous Thromboembolism Research Group; Staff Cardiologist, Cardiovascular Medicine Division, Brigham and Women's Hospital, Boston, Massachusetts
Pulmonary Embolism

Larry B. Goldstein, MD

Professor, Department of Medicine (Neurology), Duke Stroke Center; Center for Clinical Health Policy Research, Duke University and Durham VA Medical Center, Durham, North Carolina
Prevention and Management of Stroke

Richard J. Gray, MD

Medical Director, Sutter Pacific Heart Centers, California Pacific Medical Center, San Francisco, California
Medical Management of the Patient Undergoing Cardiac Surgery

Barry Greenberg, MD

Professor of Medicine; Director, Advanced Heart Failure Treatment Program, University of California, San Diego, California
Clinical Assessment of Heart Failure

Bartley P. Griffith, MD

The Thomas E. and Alice Marie Hales Distinguished Professor/Professor of Surgery & Chief, Division of Cardiac Surgery, Department of Surgery, Division of Cardiac Surgery, University of Maryland School of Medicine, Baltimore, Maryland
Assisted Circulation in the Treatment of Heart Failure

William J. Groh, MD, MPH

Associate Professor of Medicine, Division of Cardiology, Indiana University, Indianapolis, Indiana
Neurologic Disorders and Cardiovascular Disease

Joshua M. Hare, MD

Louis Lemberg Professor of Medicine; Professor of Biomedical Engineering; Professor of Molecular and Cellular Pharmacology; Director, Interdisciplinary Stem Cell Institute, University of Miami Miller School of Medicine, Miami, Florida
The Dilated, Restrictive, and Infiltrative Cardiomyopathies

Gerd Hasenfuss, MD

Professor and Chair, Department of Cardiology and Pneumology, Heart Center, University of Goettingen; Chair of Heart Research Center, Goettingen, Germany
Mechanisms of Cardiac Contraction and Relaxation

David L. Hayes, MD

Professor of Medicine, College of Medicine; Consultant, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, Minnesota
Pacemakers and Implantable Cardioverter-Defibrillators; Guidelines: Cardiac Pacemakers and Cardioverter-Defibrillators

Maria de Lourdes Higuchi, MD

Director of Laboratory of Research on Cardiac Inflammation and Infection, Heart Institute (INCOR), University of São Paulo Medical School, São Paulo, Brazil
Chagas' Disease

L. David Hillis, MD

Professor and Chair, Internal Medicine, University of Texas Health Science Center, San Antonio, Texas
Toxins and the Heart

Farouc A. Jaffer, MD, PhD

Assistant Professor of Medicine, Cardiology Division and Cardiovascular Research Center, Department of Medicine, Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts
Molecular Imaging in Cardiovascular Disease

Mariell Jessup, MD

Professor of Medicine; Associate Chief for Clinical Affairs, Cardiovascular Division, University of Pennsylvania School of Medicine; Medical Director, Penn Heart and Vascular Center, University of Pennsylvania Health System, Philadelphia, Pennsylvania
Surgical Management of Heart Failure

Andrew M. Kahn, MD, PhD

Assistant Professor of Medicine, University of California, San Diego, California
Clinical Assessment of Heart Failure

Jan Kajstura, PhD

Associate Professor, Departments of Anesthesia and Medicine, and Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts
Cardiovascular Regeneration and Tissue Engineering

Norman M. Kaplan, MD

Clinical Professor of Internal Medicine, University of Texas Southwestern Medical Center at Dallas, Dallas, Texas
Systemic Hypertension: Therapy; Guidelines: Treatment of Hypertension

Adolf W. Karchmer, MD

Professor of Medicine, Harvard Medical School; Division of Infectious Disease, Beth Israel Deaconess Medical Center, Boston, Massachusetts

Infective Endocarditis

Irwin Klein, MD

Professor of Medicine and Cell Biology; Associate Chairman, Department of Medicine, North Shore University Hospital, Manhasset, New York

Endocrine Disorders and Cardiovascular Disease

Harlan M. Krumholz, MD, SM

Harold H. Hines, Jr, Professor of Medicine and Epidemiology and Public Health; Section of Cardiovascular Medicine, Department of Medicine, Section of Health Policy and Administration, School of Public Health, Yale University School of Medicine; Center for Outcomes Research and Evaluation, Yale–New Haven Hospital, New Haven, Connecticut

Clinical Decision Making in Cardiology

Raymond Y. Kwong, MD, MPH

Assistant Professor of Medicine, Harvard Medical School; Director of Cardiac Magnetic Resonance Imaging, Cardiovascular Division, Brigham and Women's Hospital, Boston, Massachusetts

Cardiovascular Magnetic Resonance Imaging; Appropriate Use Criteria: Cardiovascular Magnetic Resonance

Philippe L. L'Allier, MD

Associate Professor of Medicine, Department of Medicine; Director, Interventional Cardiology; Desgroseillers-Bérard Chair in Interventional Cardiology, Montreal Heart Institute, University of Montreal, Montreal, Canada

Intravascular Ultrasound Imaging

Richard A. Lange, MD

Professor and Executive Vice Chairman, Medicine, University of Texas Health Science Center, San Antonio, Texas

Toxins and the Heart

Thomas H. Lee, MD

Professor of Medicine, Harvard Medical School; Network President, Partners Healthcare System, Boston, Massachusetts

Measurement and Improvement of Quality of Cardiovascular Care; Guidelines: Pregnancy and Heart Disease

Annarosa Leri, MD

Associate Professor, Departments of Anesthesia and Medicine and Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts

Cardiovascular Regeneration and Tissue Engineering

Martin M. LeWinter, MD

Professor of Medicine and Molecular Physiology and Biophysics; Director, Heart Failure and Cardiomyopathy Program, University of Vermont College of Medicine; Attending Cardiologist, Fletcher Allen Health Care, Burlington, Vermont

Pericardial Diseases

Peter Libby, MD

Mallinckrodt Professor of Medicine, Harvard Medical School; Chief of Cardiovascular Medicine, Brigham and Women's Hospital, Boston, Massachusetts

Molecular Imaging in Cardiovascular Disease; The Vascular Biology of Atherosclerosis; Risk Markers for Atherothrombotic Disease; Lipoprotein Disorders and Cardiovascular Disease; Primary and Secondary Prevention of Coronary Heart Disease; Peripheral Artery Diseases

Steven E. Lipshultz, MD

George Batchelor Professor and Chairman, Department of Pediatrics; Batchelor Family Endowed Chair in Pediatric Cardiology; Professor of Epidemiology and Public Health; Professor of Medicine (Oncology); Associate Executive Dean for Child Health, Leonard M. Miller School of Medicine, University of Miami; Chief-of-Staff, Holtz Children's Hospital of the University of Miami–Jackson Memorial Medical Center; Director, Batchelor Children's Research Institute; Associate Director, Mailman Center for Child Development; Member, the Sylvester Comprehensive Cancer Center, Miami, Florida

Cardiovascular Abnormalities in HIV-Infected Individuals

Peter Liu, MD

Heart & Stroke/Polo Professor of Medicine and Physiology, Peter Munk Cardiac Centre, University Health Network, University of Toronto; Scientific Director, Institute of Circulatory and Respiratory Health, Canadian Institutes of Health Research, Toronto, Ontario, Canada

Myocarditis

Brian F. Mandell, MD, PHD

Professor and Chairman, Department of Medicine, Cleveland Clinic Foundation Lerner College of Medicine of Case Western Reserve University; Center for Vasculitis Care and Research, Department of Rheumatic and Immunologic Disease, The Cleveland Clinic, Cleveland, Ohio

Rheumatic Diseases and the Cardiovascular System

Douglas L. Mann, MD

Lewin Chair and Professor of Medicine, Cell Biology, and Physiology; Chief, Division of Cardiology, Washington University School of Medicine in St. Louis; Cardiologist-in-Chief, Barnes-Jewish Hospital, Saint Louis, Missouri

Pathophysiology of Heart Failure; Management of Heart Failure Patients with Reduced Ejection Fraction; Guidelines: Management of Heart Failure; Emerging Therapies and Strategies in the Treatment of Heart Failure

Barry J. Maron, MD

Director, Hypertrophic Cardiomyopathy Center, Minneapolis Heart Institute Foundation, Minneapolis, Minnesota

Hypertrophic Cardiomyopathy

Kenneth L. Mattox, MD

Professor and Vice Chairman, Distinguished Service Professor, Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, Texas

Traumatic Heart Disease

Peter A. McCullough, MD, MPH

Consultant Cardiologist, Chief Academic and Scientific Officer, St. John Providence Health System, Providence Park Heart Institute, Novi, Michigan

Interface Between Renal Disease and Cardiovascular Illness

Darren K. McGuire, MD, MHS

Associate Professor, Internal Medicine, The University of Texas Southwestern Medical Center at Dallas, Dallas, Texas

Diabetes and the Cardiovascular System

Bruce McManus, MD, PhD

Professor of Pathology and Laboratory Medicine, Faculty of Medicine, University of British Columbia; Co-Director, Institute for Heart and Lung Health; Director, NCE CECR Centre of Excellence for Prevention of Organ Failure (PROOF Centre); Director, UBC James Hogg Research Centre, St. Paul's Hospital, University of British Columbia, Vancouver, British Columbia, Canada

Primary Tumors of the Heart

Mandeep R. Mehra, MBBS

Dr. Herbert Berger Professor of Medicine and Head of Cardiology;
Assistant Dean for Clinical Services, University of Maryland School
of Medicine, Baltimore, Maryland
Assisted Circulation in the Treatment of Heart Failure

John M. Miller, MD

Professor of Medicine, Krannert Institute of Cardiology, Indiana
University School of Medicine; Director, Clinical Cardiac
Electrophysiology, Clarian Health Partners, Indianapolis, Indiana
*Diagnosis of Cardiac Arrhythmias; Guidelines: Ambulatory
Electrocardiographic and Electrophysiologic Testing; Therapy for
Cardiac Arrhythmias*

David M. Mirvis, MD

Professor Emeritus, University of Tennessee Health Science Center,
Memphis, Tennessee
Electrocardiography; Guidelines: Electrocardiography

Fred Morady, MD

McKay Professor of Cardiovascular Disease; Professor of Medicine,
University of Michigan Health System, CVC Cardiovascular
Medicine, Ann Arbor, Michigan
*Atrial Fibrillation: Clinical Features, Mechanisms, and Management;
Guidelines: Atrial Fibrillation*

David A. Morrow, MD, MPH

Associate Professor of Medicine, Harvard Medical School; Senior
Investigator, TIMI Study Group; Director, Samuel A. Levine Cardiac
Unit, Brigham and Women's Hospital, Boston, Massachusetts
*ST-Segment Elevation Myocardial Infarction: Management; Stable
Ischemic Heart Disease; Guidelines: Chronic Stable Angina*

Dariusz Mozaffarian, MD, DrPH

Associate Professor, Division of Cardiovascular Medicine, Brigham
and Women's Hospital and Harvard Medical School; Departments
of Epidemiology and Nutrition, Harvard School of Public Health,
Boston, Massachusetts
Nutrition and Cardiovascular Disease

Paul S. Mueller, MD, MPH

Associate Professor of Medicine, Mayo Clinic, Rochester, Minnesota
Ethics in Cardiovascular Medicine

Robert J. Myerburg, MD

Professor of Medicine and Physiology, University of Miami Miller
School of Medicine, Miami, Florida
Cardiac Arrest and Sudden Cardiac Death

Elizabeth G. Nabel, MD

Professor of Medicine, Harvard Medical School; President, Brigham
and Women's Hospital, Boston, Massachusetts
Principles of Cardiovascular Molecular Biology and Genetics

L. Kristin Newby, MD, MHS

Associate Professor of Medicine, Division of Cardiovascular Medicine,
Duke University Medical Center, Durham, North Carolina
Cardiovascular Disease in Women

Patrick T. O'Gara, MD

Professor of Medicine, Harvard Medical School; Director, Clinical
Cardiology, Cardiovascular Division, Brigham and Women's
Hospital, Boston, Massachusetts
*The History and Physical Examination: An Evidence-Based
Approach*

Jae K. Oh, MD

Professor of Medicine, Mayo Clinic College of Medicine, Consultant
in Cardiovascular Diseases; Co-Director of the Echocardiography
Laboratory, Mayo Clinic, Rochester, Minnesota
Echocardiography

Jeffrey Olgin, MD

Ernest Gallo-Kanu Chatterjee Distinguished Professor; Chief, Division
of Cardiology; Chief, Cardiac Electrophysiology, University of
California, San Francisco, California
Specific Arrhythmias: Diagnosis and Treatment

Lionel H. Opie, MD, DPhil, DSc

Professor of Medicine and Director Emeritus, Hatter Institute for
Cardiovascular Research Institute, University of Cape Town, Cape
Town, South Africa
Mechanisms of Cardiac Contraction and Relaxation

Catherine M. Otto, MD

Professor of Medicine, J. Ward Kennedy-Hamilton Endowed Chair in
Cardiology; Director, Training Programs in Cardiovascular Disease,
University of Washington School of Medicine; Associate Director,
Echocardiography Laboratory; Co-Director, Adult Congenital Heart
Disease Clinic, University of Washington Medical Center, Seattle,
Washington
*Valvular Heart Disease; Guidelines: Management of Valvular Heart
Disease*

Jeffrey J. Popma, MD

Associate Professor of Medicine, Harvard Medical School; Director,
Interventional Cardiology Clinical Services, Beth Israel Deaconess
Medical Center, Boston, Massachusetts
*Coronary Arteriography; Guidelines: Coronary Arteriography;
Percutaneous Coronary Intervention; Guidelines: Percutaneous
Coronary Intervention*

Reed E. Pyeritz, MD, PhD

Professor of Medicine and Genetics; Vice-chair for Academic Affairs,
Department of Medicine, University of Pennsylvania School of
Medicine, Philadelphia, Pennsylvania
Inherited Causes of Cardiovascular Disease

B. Soma Raju, MD

Professor & Head, Department of Cardiology, Hyderabad, Andhra
Pradesh, India
Rheumatic Fever

José A.F. Ramires, MD, PhD

Head Professor of Cardiology and Director of Clinical Cardiology,
Division of The Heart Institute (INCOR), University of São Paulo
Medical School; Director of Health System and President of
Professors Evaluation Committee, University of São Paulo, São
Paulo, Brazil
Chagas' Disease

Margaret M. Redfield, MD

Professor of Medicine, Division of Cardiovascular Medicine, Mayo
Clinic, Rochester, Minnesota
Heart Failure with Normal Ejection Fraction

Andrew N. Redington, MD

Professor and Head, Division of Cardiology, Paediatrics, Hospital for
Sick Children, University of Toronto, Toronto, Canada
Congenital Heart Disease

Stuart Rich, MD

Professor of Medicine, Section of Cardiology, Center for Pulmonary Hypertension, University of Chicago, Chicago, Illinois
Pulmonary Hypertension

Paul M Ridker, MD, MPH

Eugene Braunwald Professor of Medicine, Harvard Medical School; Director, Center for Cardiovascular Disease Prevention, Brigham and Women's Hospital, Boston, Massachusetts
Risk Markers for Atherothrombotic Disease; Primary and Secondary Prevention of Coronary Heart Disease

Dan M. Roden, MD

Professor of Medicine and Pharmacology; Director, Oates Institute for Experimental Therapeutics; Assistant Vice-Chancellor for Personalized Medicine, Vanderbilt University School of Medicine, Nashville, Tennessee
Principles of Drug Therapy

Michael Rubart, MD

Assistant Professor of Pediatrics, Indiana University School of Medicine, Indianapolis, Indiana
Genesis of Cardiac Arrhythmias: Electrophysiologic Considerations

Marc S. Sabatine, MD, MPH

Associate Professor of Medicine, Harvard Medical School; Vice Chair, TIMI Study Group; Associate Physician, Division of Cardiovascular Medicine, Brigham and Women's Hospital, Boston, Massachusetts
Approach to the Patient with Chest Pain

Luis A. Sanchez, MD

Professor of Surgery and Radiology, Section of Vascular Surgery, Department of Surgery, Washington University School of Medicine, St. Louis, Missouri
Diseases of the Aorta

Janice B. Schwartz, MD

Clinical Professor of Medicine and Bioengineering and Therapeutic Sciences, University of California, San Francisco; Director, Research, Jewish Home of San Francisco, San Francisco, California
Cardiovascular Disease in the Elderly

Christine E. Seidman, MD

Thomas W. Smith Professor of Medicine and Genetics, Department of Medicine and Genetics, Brigham & Women's Hospital, Harvard Medical School, Howard Hughes Medical Institute, Boston, Massachusetts
Inherited Causes of Cardiovascular Disease

J. G. Seidman, PhD

Henrietta B. and Frederick H. Bugher Professor of Genetics, Department of Genetics, Harvard Medical School, Boston, Massachusetts
Inherited Causes of Cardiovascular Disease

Dhun H. Sethna, MD

Staff Cardiologist, Carilion Clinic, Christiansburg, Virginia
Medical Management of the Patient Undergoing Cardiac Surgery

Jeffrey F. Smallhorn, MBBS, FRACP, FRCP(C)

Professor of Pediatrics; Program Director, Pediatric Cardiology, Department of Pediatrics, University of Alberta, Edmonton, Alberta
Congenital Heart Disease

Virend K. Somers, MD, PhD

Professor of Medicine, Division of Cardiovascular Diseases, Mayo Clinic College of Medicine, Rochester, Minnesota
Sleep Apnea and Cardiovascular Disease; Cardiovascular Manifestations of Autonomic Disorders

Andrei C. Sposito

Associate Professor of Cardiology, University of Campinas; Past Director of The Heart Institute (INCOR), Brasília, São Paulo, Brazil
Chagas' Disease

Charles D. Swerdlow, MD

Clinical Professor of Medicine, David Geffen School of Medicine at UCLA; Cedars-Sinai Heart Institute, Los Angeles, California
Pacemakers and Implantable Cardioverter-Defibrillators; Guidelines: Cardiac Pacemakers and Cardioverter-Defibrillators

Jean-Claude Tardif, MD

Professor of Medicine, University of Montreal; Director, Montreal Heart Institute Research Center; Endowed Research Chair in Atherosclerosis, Montreal Heart Institute, Université de Montréal, Montreal, Canada
Intravascular Ultrasound Imaging

Allen J. Taylor, MD

Professor of Medicine, Georgetown University; Director, Advanced Cardiovascular Imaging, Cardiology Section, Washington Hospital Center and Medstar Health Cardiovascular Research Institute, Washington, DC
Cardiac Computed Tomography; Appropriate Use Criteria: Cardiac Computed Tomography

David J. Tester, BS

Senior Research Technologist II-Supervisor, Mayo Clinic, Windland Smith Rice Sudden Death Genomics Laboratory, Rochester, Minnesota
Genetics of Cardiac Arrhythmias

Judith Therrien, MD

Associate Professor of Medicine, Department of Cardiology, McGill University, Montreal, Quebec, Canada
Congenital Heart Disease

Paul D. Thompson, MD

Professor of Medicine, University of Connecticut, Farmington, Connecticut; Director, Cardiology, Hartford Hospital, Hartford, Connecticut
Exercise-Based, Comprehensive Cardiac Rehabilitation

Robert W. Thompson, MD

Professor of Surgery, Division of General Surgery, Vascular Surgery Section, Radiology, and Cell Biology and Physiology, Washington University, St. Louis, Missouri
Diseases of the Aorta

Marc D. Tischler, MD

Associate Professor of Medicine, University of Vermont College of Medicine; Director, Cardiac Ultrasound Laboratory; Co-Director, Cardiac Magnetic Resonance Unit, Department of Internal Medicine, Burlington, Vermont
Pericardial Diseases

Peter I. Tsai, MD

Assistant Professor, Division of Cardiothoracic Surgery, Michael E. DeBakey Department of Surgery, Ben Taub General Hospital, Baylor College of Medicine, Houston, Texas
Traumatic Heart Disease

Zoltan G. Turi, MD

Professor of Medicine, Robert Wood Johnson Medical School; Director, Section of Vascular Medicine; Director, Cooper Structural Heart Disease Program, Cooper University Hospital, Camden, New Jersey
Rheumatic Fever

James E. Udelson, MD

Professor of Medicine, Department of Medicine; Chief, Division of Cardiology, The Cardiovascular Center, Tufts Medical Center and Tufts University School of Medicine, Boston, Massachusetts
Nuclear Cardiology; Appropriate Use Criteria: Nuclear Cardiology

Viola Vaccarino, MD, PhD

Professor and Chair, Department of Epidemiology, Emory University Rollins School of Public Health; Professor, Department of Medicine, Division of Cardiology, Emory University School of Medicine, Atlanta, Georgia
Psychiatric and Behavioral Aspects of Cardiovascular Disease

Ronald G. Victor, MD

Burns and Allen Professor of Medicine; Associate Director, Clinical Research; Director, Hypertension Center, The Heart Institute, Cedars-Sinai Medical Center, Los Angeles, California
Systemic Hypertension: Mechanisms and Diagnosis

Alexandra Villa-Forte, MD, MPH

Center for Vasculitis Care and Research, Department of Rheumatic and Immunologic Diseases, Cleveland Clinic, Cleveland, Ohio
Rheumatic Diseases and the Cardiovascular System

Matthew J. Wall, Jr., MD

Professor, Michael E. DeBakey Department of Surgery, Baylor College of Medicine; Deputy Chief of Surgery, Ben Taub General Hospital, Houston, Texas
Traumatic Heart Disease

Carole A. Warnes, MD, FRCP

Professor of Medicine, Mayo Clinic College of Medicine; Consultant, Division of Cardiovascular Diseases, Internal Medicine and Pediatric Cardiology, Mayo Clinic College of Medicine, Rochester, Minnesota
Pregnancy and Heart Disease; Guidelines: Pregnancy and Heart Disease

Gary D. Webb, MD

Professor, University of Cincinnati College of Medicine; Director, Cincinnati Adolescent and Adult Congenital Heart Center, Cincinnati Children's Hospital Heart Institute, Cincinnati, Ohio
Congenital Heart Disease

John G. Webb, MD

MacLeod Professor of Heart Valve Intervention, University of British Columbia; Director Cardiac Catheterization, St. Paul's Hospital, Vancouver, Canada
Percutaneous Therapies for Structural Heart Disease in Adults

Ralph Weissleder, MD, PhD

Professor, Harvard Medical School; Center for Systems Biology and Department of Radiology, Massachusetts General Hospital, Boston, Massachusetts
Molecular Imaging in Cardiovascular Disease

Jeffrey I. Weitz, MD, FRCP(C)

Professor of Medicine & Biochemistry, McMaster University; HSFO/J.F. Mustard Chair in Cardiovascular Research; Canada Research Chair (Tier 1) in Thrombosis; Executive Director, Thrombosis and Atherosclerosis Research Institute, Hamilton General Hospital Campus, Hamilton, Ontario, Canada
Hemostasis, Thrombosis, Fibrinolysis, and Cardiovascular Disease

Christopher J. White, MD

Professor of Medicine; Chairman, Department of Cardiology, Ochsner Clinic Foundation, New Orleans, Louisiana
Endovascular Treatment of Noncoronary Obstructive Vascular Disease

Stephen D. Wiviott, MD

Instructor of Medicine, Harvard Medical School; Investigator, TIMI Study Group; Associate Physician, Division of Cardiology, Brigham and Women's Hospital, Boston, Massachusetts
Guidelines: Management of Patients with ST-Segment Elevation Myocardial Infarction

Clyde W. Yancy, MD

Professor of Medicine; Chief, Division of Cardiology, Northwestern University Feinberg School of Medicine, Chicago, Illinois
Heart Disease in Varied Populations

Andreas M. Zeiher, MD

Professor of Cardiology; Chair, Department of Medicine, University of Frankfurt, Frankfurt, Germany
Emerging Therapies and Strategies in the Treatment of Heart Failure

Douglas P. Zipes, MD

Distinguished Professor; Professor Emeritus of Medicine, Pharmacology, and Toxicology; Director Emeritus, Division of Cardiology and the Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, Indiana
Genesis of Cardiac Arrhythmias: Electrophysiologic Considerations; Diagnosis of Cardiac Arrhythmias; Guidelines: Ambulatory Electrocardiographic and Electrophysiologic Testing; Therapy for Cardiac Arrhythmias; Pacemakers and Implantable Cardioverter-Defibrillators; Guidelines: Cardiac Pacemakers and Cardioverter-Defibrillators; Specific Arrhythmias: Diagnosis and Treatment; Atrial Fibrillation: Clinical Features, Mechanisms, and Management; Guidelines: Atrial Fibrillation; Hypotension and Syncope; Cardiovascular Disease in the Elderly; Neurologic Disorders and Cardiovascular Disease

