

**2012 ACCF/AHA/HRS Focused Update of the 2008 Guidelines for Device-Based Therapy of Cardiac Rhythm Abnormalities—ONLINE
AUTHOR LISTING OF COMPREHENSIVE RELATIONSHIPS WITH INDUSTRY AND OTHERS (October 2011)**

Committee Member	Employment	Consultant	Speaker's Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional, Organizational, or Other Financial Benefit	Expert Witness
Cynthia M. Tracy <i>(Chair)</i>	George Washington University Medical Center—Associate Director and Professor of Medicine	None	None	None	• NIH	• Cheney Cardiovascular Institute (Board of Trustees)†	None
Andrew E. Epstein <i>(Vice Chair)</i>	University of Pennsylvania—Professor of Medicine Philadelphia VA Medical Center—Chief, Cardiology Section	<ul style="list-style-type: none"> • Boehringer Ingelheim • Boston Scientific (DSMB)‡ • Medtronic‡ • Medtronic/ Cryocath (DSMB) • St. Jude Medical (DSMB)‡ • Voyage Medical (DSMB) • ZOLL (Advisory Board) 	None	None	<ul style="list-style-type: none"> • Biosense Webster‡ • Biotronik • Boston Scientific‡ • Cameron Health‡ • CardioFocus‡ • C.R. Bard‡ • Medtronic‡ • St. Jude Medical‡ 	<ul style="list-style-type: none"> • Boston Scientific • Medtronic • St. Jude Medical • Northwestern University—DETERMINE (DSMB) 	None
Dawood Darbar	Vanderbilt University School of Medicine—C. Sydney Burwell Associate Professor Medicine Pharmacology Vanderbilt Arrhythmia Service—Director	None	None	None	<ul style="list-style-type: none"> • Heart Rhythm Journal† • American Heart Association‡ • National Institutes of Health‡ 	None	None
John P. DiMarco	University of Virginia—Director, Clinical EP Laboratory	<ul style="list-style-type: none"> • Astellas • Medtronic • Novartis‡ • Sanofi-aventis • St. Jude Medical 	None	None	• Boston Scientific	None	None
Sandra B. Dunbar	Emory University, Nell Hodgson Woodruff School of Nursing—Associate Dean for Academic Advancement, Charles Howard Candler Professor	None	None	None	None	• NIH‡	None

N.A. Mark Estes	Tufts University— Professor of Medicine	<ul style="list-style-type: none"> • Boston Scientific‡ • Boston Scientific (EP Fellowship Educational Symposium)‡ • Medtronic 	None	None	<ul style="list-style-type: none"> • Boston Scientific—MADIT-RIT (Co-PI) 	<ul style="list-style-type: none"> • Boston Scientific • Medtronic‡ • St. Jude Medical 	None
T. Bruce Ferguson, Jr.	East Carolina University—Professor of Surgery and Physiology	<ul style="list-style-type: none"> • United Healthcare (Advisory Board) 	None	None	<ul style="list-style-type: none"> • Novadaq Technologies‡ 	<ul style="list-style-type: none"> • Edwards Laboratories—PARTNER/PARTNER2 • NIH—ISCHEMIA • STS, Cardiovascular Surgery† 	None
Stephen C. Hammill	Mayo Clinic— Professor of Medicine	None	None	None	None	None	None
Pamela E. Karasik	Georgetown University Medical School—Associate Professor of Medicine VA Medical Center, Washington, DC— Acting Chief of Cardiology	None		None	<ul style="list-style-type: none"> • Otsuka‡ 	<ul style="list-style-type: none"> • FDA (Panel Member)† • National Association of VA Physicians and Dentists† 	None
Mark S. Link	Tufts Medical Center—Professor of Medicine	None	None	None	<ul style="list-style-type: none"> • Boston Scientific—MADIT-RIT (Co-PI) 	None	None
Joseph E. Marine	Johns Hopkins University—Associate Professor of Medicine	None	None	None	None	None	None
Mark H. Schoenfeld	Yale University School of Medicine— Clinical Professor of Medicine	<ul style="list-style-type: none"> • United Healthcare (Advisory Board) 	None	None	None	None	None
Amit J. Shanker	Center for Advanced Arrhythmia Medicine— Director Columbia University College of Physicians and Surgeons— Assistant Professor of Medicine	None	None	None	None	<ul style="list-style-type: none"> • AMA CPT Editorial Panel (Primary Advisor)† • HRS Regulatory Affairs and Reimbursement Subcommittee (Vice-Chair)† 	None

Michael J. Silka	University of Southern California—Professor of Pediatrics Children’s Hospital Los Angeles—Chief, Division of Cardiology	None	None	None	• NIH (Co-PI)‡	None	None
Lynne Warner Stevenson	Brigham & Women’s Hospital—Director, Cardiomyopathy and Heart Failure	None	None	None	• Biosense Webster† • NHLBI† • NHLBI—INTERMACS (Co-PI)†	• Circulation, Heart Failure (Senior Associate Editor)†	None
William G. Stevenson	Brigham & Women’s Hospital—Director, Clinical Cardiac EP	None	None	None	• Biosense Webster†	• Circulation, Arrhythmia and EP (Editor)	None
Paul D. Varosy	VA Eastern Colorado Health Care System—Director of Cardiac EP University of Colorado Denver—Assistant Professor of Medicine	None	None	None	• American Medical Association (Section Co-Editor)† † • VA Office of Health Services Research and Development (PI and Co-Investigator)‡	• American Heart Association—(Guest Editor)†	None

This table represents all relationships of committee members with industry and other entities that were reported by authors, including those not deemed to be relevant to this document, at the time this document was under development. The table does not necessarily reflect relationships with industry at the time of publication. A person is deemed to have a significant interest in a business if the interest represents ownership of ≥5% of the voting stock or share of the business entity, or ownership of ≥\$10,000 of the fair market value of the business entity; or if funds received by the person from the business entity exceed 5% of the person’s gross income for the previous year. Relationships that exist with no financial benefit are also included for the purpose of transparency. Relationships in this table are modest unless otherwise noted.

†No financial benefit.

‡Indicates significant relationship.

AMA CPT indicates American Medical Association Current Procedural Terminology; DETERMINE, Defibrillators to Reduce Risk by Magnetic Resonance Imaging Evaluation; DSMB, Data Safety Monitoring Board; EP, electrophysiology; FDA, Food and Drug Administration; HRS, Heart Rhythm Society; ISCHEMIA, International Study of Comparative Health Effectiveness with Medical and Invasive Approaches; INTERMACS, Interagency Registry for Mechanically Assisted Circulatory Support; MADIT-RIT, Multicenter Automatic Defibrillator Implantation Trial-Reduce Inappropriate Therapy; NHLBI, National Heart, Lung, and Blood Institutes; NIH; National Institutes of Health; PARTNER, Placement of Aortic Transcatheter Valves; PI, principal investigator; STS, Society for Thoracic Surgery; and VA, Veterans Affairs.