

Reviewer Relationships With Industry and Other Entities (Comprehensive)—2017 ACC/ASNC/HRS/NASCI/SCAI/SCCT/SNMMI Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging – Best Practices for Safety and Effectiveness

Reviewer	Representation	Employment	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional, Organizational, or Other Financial Benefit	Expert Witness
Lyndon Box	Official Reviewer—SCAI	West Valley Cardiology— Interventional Cardiologist; Cardiac Catheterization Laboratory Director	None	None	None	None	None	None
James Case	Official Reviewer—ASNC	Cardiovascular Imaging Technologies — Chief Scientific Officer	None	None	• CVIT*	• Astellas Pharma US* • ATL* • Blue Cross Blue Shield*	None	None
Manuel D. Cerqueira	Official Reviewer—ASNC	Cleveland Clinic Foundation—Chairman, Department of Molecular and Functional Imaging	• Astellas Pharma US*	• Astellas Pharma US*	None	None	None	None
Panithaya Chareonthaitawee	Official Reviewer— SNMMI	Mayo Clinic—Consultant and Associate Professor of Medicine, Department of Cardiovascular Medicine	None	None	None	None	None	None
Mina K. Chung	Official Reviewer—HRS	Cleveland Clinic Lerner College of Medicine of Case Western Reserve University—Associate Professor of Medicine	• ABIM • Biotronik† • Boston Scientific† • Medtronic† • National Institutes of Health (NHBLI)	None	None	• Amarin (DSMB)† • NIH* Zoll†	• ACC† • AHA • Biosense Webster • Boston Scientific, CRM • Bristol-Myers Squibb • Canadian Institute of Health Research • Cleveland Clinic • Hamilton Health Sciences, Population Health Research Institute • HRS† • Medtronic • Pfizer	None

							<ul style="list-style-type: none"> • Sorin • St. Jude Medical • Zoll 	
Mehmet Cilingiroglu	Official Reviewer—SCAI	Arkansas Heart Hospital—Professor of Medicine	None	None	None	None	None	None
B. Kelly Han	Official Reviewer—SCCT	Children's Hospitals and Clinics of Minnesota and the Minneapolis Heart Institute—Director of Advanced Congenital Cardiac Imaging	<ul style="list-style-type: none"> • Edwards Lifesciences 	None	None	<ul style="list-style-type: none"> • Minneapolis Heart Institute Foundation* 	None	None
Jacobo Kirsch	Official Reviewer—NASCI	Cleveland Clinic Florida—Professor; Harper University Hospital, Detroit Medical Center— Director, Center for Hospital Specialties	None	None	None	None	None	None
Dharam Kumbhani	Official Reviewer—ACC Task Force on Clinical Expert Consensus Documents	UT Southwestern Medical Center—Assistant Professor of Medicine	<ul style="list-style-type: none"> • ACC* • Aralez* • Somahlution 	None	None	<ul style="list-style-type: none"> • ACC* 	None	None
Mahadevappa Mahesh	Official Reviewer—SCCT	Johns Hopkins Hospital—Professor of Radiology and Radiological Science; Professor of Medicine, Cardiology; Chief Physicist	None	None	None	None	None	None
Thomas H. Schindler	Official Reviewer—SNMMI	Johns Hopkins University—Director of Cardiovascular Nuclear Medicine; Associate Professor of Medicine and Radiology	None	None	None	<ul style="list-style-type: none"> • Siemens Medical Solutions* 	<ul style="list-style-type: none"> • Society of Nuclear Medicine, Cardiovascular Council† 	None
Todd C. Villines	Official Reviewer—ACC Board of Governors	Walter Reed National Military Medical Center—Director, Cardiovascular CT	<ul style="list-style-type: none"> • Boehringer Ingelheim* 	None	None	None	None	None
Paul C. Zei	Official Reviewer—HRS	Stanford University School of Medicine—Clinical Professor of Medicine, Electrophysiology, and Cardiovascular Medicine	<ul style="list-style-type: none"> • Biosense Webster • Medtronic 	None	<ul style="list-style-type: none"> • Azumio* 	<ul style="list-style-type: none"> • CyberHeart • Biosense Webster* • Mayo Clinic† • Medtronic 	None	None
James A. Arrighi	Content	Rhode Island Hospital—	None	None	None	None	None	None

	Reviewer— Competency Management Committee	Director, Graduate Medical Education						
Noel G. Boyle	Content Reviewer—EP Council	UCLA Medical Center, Cardiac Arrhythmia Center—Professor of Medicine; Director of Cardiac EP Labs & Fellowship Program	<ul style="list-style-type: none"> • Boston Scientific • St. Jude Medical* 	<ul style="list-style-type: none"> • Janssen Pharmaceutica l* 	None	None	None	None
Rami Doukky	Content Reviewer— Imaging Council	Cook County Health and Hospitals System —Professor of Medicine, Preventive Medicine, and Radiology; Chief, Division of Cardiology; Rush University Medical Center	None	None	None	<ul style="list-style-type: none"> • Astellas Pharma US* 	None	None
Jonathan Halperin	Content Reviewer— Competency Management Committee	Mount Sinai Medical Center—Professor of Medicine	<ul style="list-style-type: none"> • ABIM* • Bayer Healthcare Pharmaceuticals* • Boehringer Ingelheim* • Boston Scientific† • Medtronic† • Ortho-McNeil- Janssen • Pfizer* 	None	None	<ul style="list-style-type: none"> • NIH (NHLBI)† 	<ul style="list-style-type: none"> • HWL, LLC† 	<ul style="list-style-type: none"> • Defendant, complicatio ns of pericardioc entesis in a terminally ill patient, 2016
Joseph E. Marine	Content Reviewer—ACC Task Force on Clinical Expert Consensus Documents	Johns Hopkins University School of Medicine— Associate Professor of Medicine	None	None	None	None	<ul style="list-style-type: none"> • UpToDate 	None
Pamela B. Morris	Content Reviewer—ACC Task Force on Clinical Expert Consensus Documents	Medical University of South Carolina—Director, Seinsheimer Cardiovascular Health Program; Co- Director, Women's Heart Care	<ul style="list-style-type: none"> • Amgen • AstraZeneca • Sanofi Regeneron 	None	None	<ul style="list-style-type: none"> • Amgen 	None	None
William A. Van Decker	Content Reviewer—Health Affairs Committee	Temple University Hospital—Assistant Professor of Medicine	None	None	None	None	<ul style="list-style-type: none"> • ASNC† • Pennsylvania Medical Society† 	None
Robert Vincent	Content Reviewer—ACPC	Children's Healthcare of Atlanta, Sibley Heart	None	None	None	None	<ul style="list-style-type: none"> • W.L. Gore 	None

	Council	Center—Pediatric Cardiologist					• St. Jude Medical†	
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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 $\geq 5\%$ of the voting stock or share of the business entity, or ownership of $\geq \$5,000$ 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. Please refer to <http://www.acc.org/guidelines/about-guidelines-and-clinical-documents/relationships-with-industry-policy> for definitions of disclosure categories or additional information about the ACC Disclosure Policy for Writing Committees.

* Significant relationship.

† No financial benefit.

ACC=American College of Cardiology; ABIM=American Board of Internal Medicine; ACPC=Adults with Congenital Heart Disease and Pediatric Cardiology; AHA=American Heart Association; ASNC=American Society of Nuclear Cardiology; EP=Electrophysiology; HRS=Heart Rhythm Society; NASCI=North American Society for Cardiovascular Imaging; NHLBI=National Heart, Lung, and Blood Institute; NIH=National Institutes of Health; SCAI=Society for Cardiovascular Angiography and Interventions; SCCT=Society of Cardiovascular Computed Tomography; SNMMI=Society of Nuclear Medicine and Molecular Imaging.