

Online Appendix 2. Reviewer Relationships With Industry and Other Entities (Comprehensive) — 2018 AATS/ACC/ASE/SCAI/STS Expert Consensus Systems of Care Document: A Proposal to Optimize Care for Patients with Valvular Heart Disease

| Reviewer | Representation | Employment | Consultant | Speakers Bureau | Ownership/ Partnership/ Principal | Personal Research | Institutional, Organizational, or Other Financial Benefit | Expert Witness |
|-------------------|------------------------|---|---|--|--|-------------------|---|----------------|
| Frank V. Aguirre | Official Reviewer—BOG | Prairie Cardiovascular Consultants—Interventional Cardiologist | None | None | None | None | <ul style="list-style-type: none"> • ACC * • AHA * • Capricor‡ • Prairie Education and Research Collaborative * | None |
| Joanna Chikwe | Official Reviewer—AATS | The Icahn School of Medicine at Mount Sinai—Professor & Chief, Division of Cardiothoracic; Professor of Cardiovascular Surgery; Heart Institute, Stony Brook University Medical Center—Surgery Director | None | None | None | None | <ul style="list-style-type: none"> • Stony Brook Medicine † | None |
| Larry S. Dean | Official Reviewer—SCAI | University of Washington School of Medicine—Professor of Medicine and Surgery; UW Medicine Regional Heart Center—Director | None | None | None | None | <ul style="list-style-type: none"> • Edwards Lifesciences‡ • Emageon • University of Washington Regional Heart Center † | None |
| Joseph A. Dearani | Official Reviewer—STS | Mayo Clinic—Chair, Cardiovascular Surgery | None | None | None | None | None | None |
| Daniel Engelman | Official Reviewer—AATS | Heart, Vascular & Critical Care Services Baystate Medical Center—Interim Chief, Division of Cardiac Surgery; Medical Director; University of | <ul style="list-style-type: none"> • Health New England • Zimmer Biomet | <ul style="list-style-type: none"> • Astute Medical • Mallinckrodt † | <ul style="list-style-type: none"> • Baycare Health Partners * • Enhanced Recovery After | None | <ul style="list-style-type: none"> • Edwards Lifesciences • Pavilion Medical | None |

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| | | Center; Director, Interventional Echocardiography | | | | | | |
| Oluseun O. Alli | Organizational Reviewer—Novant Health | NOVANT Heart and Vascular Institute—Assistant Professor | <ul style="list-style-type: none"> • Abbot Vascular • Edwards Lifesciences | None | None | None | <ul style="list-style-type: none"> • Abbott Laboratories‡ | None |
| Mary Beth Brady | Organizational Reviewer—SCA | Johns Hopkins University School of Medicine—Vice Chair for Education, Department of Anesthesiology and Critical Care Medicine; Associate Professor, Anesthesiology and Critical Care Medicine | None | None | None | None | None | None |
| Samjot Brar | Organizational Reviewer—Kaiser Permanente | Kaiser Permanente Los Angeles Medical Center and Kaiser Permanente Research—Interventional Cardiologist and Vascular Specialist; Chair, Regional Research Committee; The University of California, Los Angeles—Assistant Clinical Professor of Medicine | None | None | None | None | None | None |
| Sameer A. Gafoor | Organizational Reviewer—Swedish Medical | University of Michigan Medical School—Associate Professor | <ul style="list-style-type: none"> • Abbott Vascular • Boston Scientific • Medtronic | None | None | None | <ul style="list-style-type: none"> • Abbott Vascular‡ • Medtronic‡ • Mitralign‡ | None |
| Brian B. Ghoshhajra | Organizational Reviewer—SCCT | Massachusetts General Hospital—Service Chief, Cardiovascular Imaging; Program Director, Cardiac Imaging Fellowship | <ul style="list-style-type: none"> • Medtronic † • Siemens Healthcare | None | None | None | None | None |
| Rebecca T. Hahn | Organizational Reviewer—Columbia University | Columbia University College of Physicians and Surgeons—Associate | <ul style="list-style-type: none"> • Gore and Associates | <ul style="list-style-type: none"> • Abbott Vascular • Boston | None | None | <ul style="list-style-type: none"> • Echo Core Lab * | None |

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| | | Professor of Pediatrics | | | | | | |
| Eric R. Bates | Content Reviewer— Individual Expert | University of Michigan— Professor of Medicine | <ul style="list-style-type: none"> • Medscape | None | None | None | None | None |
| Blasé A. Carabello | Content Reviewer— Vascular Heart Disease Guideline Writing Committee | East Carolina Heart Institute at ECU—Professor and Chief, Division of Cardiology | None | None | None | <ul style="list-style-type: none"> • Edwards Lifesciences (DSMB) * | None | None |
| Michael S. Firstenberg | Content Reviewer— Surgeons’ Council | Northeast Ohio Medical Universities—Director, Adult ECMO Program; Director, Surgical Research; Associate Professor of Surgery and Integrative Medicine; Summa Akron City Hospital— Cardiothoracic Surgeon | <ul style="list-style-type: none"> • AllMed † • Johnson & Johnson/Ethicon † • Maquet Cardiovascular † • Medtronic | None | None | None | <ul style="list-style-type: none"> • Clinipace‡ • Grifols‡ | None |
| Linda D. Gillam | Content Reviewer— Health Affairs Committee | Morristown Medical Center—Chair, Department of Cardiovascular Medicine | None | None | None | <ul style="list-style-type: none"> • Bracco * • Edwards Lifesciences * • Medtronic * | <ul style="list-style-type: none"> • Abbott Vascular‡ • Circulation Imaging • National Board of Echo-cardiography * | None |
| David R. Holmes, Jr. | Content Reviewer— ACC Roundtable Participant | Mayo Clinic—Professor of Medicine, Department of Cardiovascular Medicine | None | None | None | None | None | None |
| Alexander Iribarne | Content Reviewer— Surgeons’ Council | Dartmouth Hitchcock Medical Center—Assistant Professor of Surgery | None | None | None | None | None | None |
| Patricia Keegan | Content Reviewer— ACC Roundtable Participant | Emory Structural Heart and Valve Center—Structural Heart Coordinator | <ul style="list-style-type: none"> • Abbott Lifesciences (Evalve) • Edwards Lifesciences | None | None | None | <ul style="list-style-type: none"> • Edwards Lifesciences‡ | None |
| Thomas M. Maddox | Content Reviewer— Task Force on Health Policy | Washington University School of Medicine/BJC Healthcare—Director, | None | <ul style="list-style-type: none"> • Creative Educational Concepts | None | None | None | None |

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| | Statements and Systems of Care | Health Systems Innovation Lab (HSIL); Washington University School of Medicine—Professor of Medicine (Cardiology) | | CME † | | | | |
| Elizabeth N. Perpetua | Content Reviewer—ACC Roundtable Participant | University of Washington Medical Center—Director, Structural Heart Services; Associate Director, Center for Cardiovascular Emerging Therapies; Teaching Associate, Cardiology and Cardiac Surgery | <ul style="list-style-type: none"> • Abbott Laboratories † • Edwards Lifesciences | None | None | None | None | None |
| Donnette Smith | Content Reviewer—ACC Roundtable Participant | Mended Hearts—President | None | None | None | None | <ul style="list-style-type: none"> • Gilead * | None |
| Carl L. Tommaso | Content Reviewer—TAVR Requirements Writing Committee Chair | NorthShore University Health System—Associate Director, Cardiac Catheterization Labs; Rush Medical College—Associate Professor of Medicine | None | None | None | None | <ul style="list-style-type: none"> • SCAI, Treasurer * | 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 |
| Gaby Weissman | Content Reviewer—Cardiovascular Training Council | Medstar Washington Hospital Center—Director, Cardiovascular Magnetic Resonance Imaging (MRI) Core Laboratory | None | None | None | None | None | None |
| Frederick G. P. Welt | Content Reviewer—Interventional | University of Utah Health Sciences Center—Director, | <ul style="list-style-type: none"> • Medtronic † | None | None | <ul style="list-style-type: none"> • Medtronic † • Siemens † | <ul style="list-style-type: none"> • Athersys‡ • Capricor‡ | <ul style="list-style-type: none"> • Defendant, Delay in |

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|-----------------|--|--|------------|-----------------|-----------------------------------|-------------------|--|---|
| | Council | Interventional Cardiology | | | | | <ul style="list-style-type: none"> • CardioKinetix‡ • Medtronic • Renova Therapeutics‡ • Siemens † • St. Jude Medical‡ • Teva Pharmaceutical North America‡ • Washington University in St. Louis‡ | <ul style="list-style-type: none"> • treatment of patient with acute stent thrombosis, 2016 • Defendant, stent thrombosis in patient who failed to fill prescription for DAPT, 2016 |
| Michael J. Wolk | Content Reviewer— Task Force on Health Policy Statements and Systems of Care | Weill Medical College of Cornell University—Clinical Professor of Medicine | None | None | None | None | None | 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 ≥\$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.

* No financial benefit.

† Significant relationship.

‡ Relationship with this company is limited to enrolling patients in clinical trials. This disclosure was entered under the Clinical Trial Enroller category in the ACC’s disclosure system. To appear in this category, the author acknowledges that there is no direct or institutional relationship with the trial sponsor as defined in the ACC/AHA Disclosure Policy for Writing Committees.

AAMC=Association of American Medical Colleges; AATS=American Association for Thoracic Surgery; ABC=Association of Black Cardiologists; ACC=American College of Cardiology; ACP=American College of Physicians; AHA=American Heart Association; ASE=American Society of Echocardiography; ASNC=American Society of Nuclear Cardiology; CME=Continuing Medical Education; CTSN=Cardiothoracic Thoracic Surgical Trials Network; DAPT=dual antiplatelet therapy; DSMB=Data Safety Monitoring Board; ECMO=extracorporeal membrane

oxygenation; MRI=magnetic resonance imaging; NHLBI= National Heart, Lung, and Blood Institute; NIH=National Institutes of Health; SCA=Society of Cardiovascular Anesthesiologists; SCAI=Society for Cardiac Angiography and Interventions; SCCT=Society of Cardiovascular Computed Tomography; STS=Society of Thoracic Surgeons; TAVR=transcatheter aortic valve replacement.