

## HRS 2024 Faculty Disclosures

First Name	Last Name	Institution Name	Degree	HRS Person Disclosures
Aakash	Sheth	UPMC Harrisburg	MD	Nothing Relevant to Disclose
Aarti	Dalal	Vanderbilt University	DO	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Invited to teach at the Medtronic Women in EP education course in October 2022 and October 2023.
Abhishek	Deshmukh	Mayo Clinic	MBBS;MD	Nothing Relevant to Disclose
Adam	Berman	Baptist Heart. Mississippi Baptist Medical Center	MD;MPH;MSci	Nothing Relevant to Disclose
Adi	Lador	Houston Methodist Hospital	MD	Nothing Relevant to Disclose
Adityo	Prakosa	Johns Hopkins University	PhD	Nothing Relevant to Disclose
Adrian	Zaman	University Hospital Schleswig Holstein		Nothing Relevant to Disclose
Ahmad	Chaouki	Ann & Robert H. Lurie Children's Hospital of Chicago	MD;PhD	Nothing Relevant to Disclose
Ahmed	Eldamaty	Cairo University	PhD	Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Proctorship agreement
Ahmed	Maraey	University of Toledo	MD	Nothing Relevant to Disclose
Ahmed	Talib	Tsukuba university	MBChB;PhD	Nothing Relevant to Disclose
Aileen	Ferrick	White Plains Hospital EP	PhD;ACNP;RN	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: I have another speaking assignment coming at the end of January
Aimee	Lee	Stanford Univ, CV-Medicine	ACNP	Nothing Relevant to Disclose
Aimee	Stefanski	Yale New Haven Health System	MS;NP	Nothing Relevant to Disclose
Akshay	Desai	Brigham and Women's Hospital	MD;MPH	Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novartis, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AstraZeneca, Relationship:

Alan	Enriquez	Yale University School of Medicine	MD	<p>Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: BioFourmis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Regeneron, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Alnylam Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: AstraZeneca, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Cytokinetics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AxonTherapies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Avidity Biosciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medpace, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Merck, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: New Amsterdam Pharma, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Parexel, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Roche Diagnostics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: GlaxoSmithKline, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: NovoNordisk, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Veristat, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Verily/Google, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zydus, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: River2Renal, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose</p>
Albert	Sun	Duke University Medical Center, Cardiac Electrophysiology	MD	<p>Organization: Merit Medical Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting and Educational Course Faculty; Organization: Medtronic,</p>

Alessio	Gasperetti	Johns Hopkins University	MD	Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Consulting and Educational Course Faculty; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Alex	Grubb	University of Colorado	MD	Nothing Relevant to Disclose
Alexander	Siotis	Lund University	MD	Nothing Relevant to Disclose
				Organization: RNB Retails and Brands, Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Minor previous stock holdings in RNB Retails and Brands; Organization: Medtronic, Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: AstraZeneca, Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: Butterfly IQ, Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: Thorsten och Birger Segerfalks Trust for the Advancement of Medical Research and Education, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research travel grant 2022
Alexander	Zolotarev	Queen Mary University of London	PhD	Nothing Relevant to Disclose
Alexios	Hadjis	Hôpital du Sacré-Cœur de Montréal - Université de Montréal	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Alexis	Tumolo	University of Colorado Hospital	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Alfie	Alberto	Clina Bazterrica		Nothing Relevant to Disclose
Alfred	Buxton	Beth Israel Deaconess Medical Center	MD	Nothing Relevant to Disclose
Ali	Oto	MHG, Memorial Ankara Hospital	MD	Organization: Pfizer, Inc., Relationship: Independent Review Committee for ERISTA, Role: Research; Organization: A. Menarini Research and Business Service GmbH, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Alper	Aydin	University of Ottawa Heart Institute	MD	Nothing Relevant to Disclose
Aman	Chugh	University of Michigan	MD	Nothing Relevant to Disclose
Amardeep	Saluja	Columbia University		Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting

Amber	Seiler	CV Remote Solutions	NP	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CV Remote Solutions PLC, Relationship: Ownership/Partnership/Principal, Role: Ownership
Amelie	Paasche	University Hospital Heidelberg		Nothing Relevant to Disclose
Amin	Al-Ahmad	Texas Cardiac Arrhythmia Institute	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Haemonetics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Soundcath, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Amir	Schricker	Palo Alto Medical Foundation	MD;MS	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Amit	Shanker	St Lawrence Health System	MD	Nothing Relevant to Disclose
Amit	Thosani	Allegheny Health Network	MD	Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty Director, Complex Arrhythmia Fellows' ECG Club; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty, Allegheny General Hospital BWI TEC Site: AF & VT Workflow, and Laboratory Efficiency; Organization: Medical Device Business Services, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty, Allegheny General Hospital BWI TEC Site: AF & VT Workflow, and Laboratory Efficiency
Amole	Ojo	University of Rochester Medical Center	MD	Nothing Relevant to Disclose
Amy	Brownell	Ascension Illinois	MSN;APRN;FNP	Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Cytokinetics, Relationship: Honoraria/Speaking/Consulting

Amy	Kleinhans	HonorHealth Cardiac Arrhythmia Group	DNP	Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Alnylam Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Amy	Tucker	Sanger Heart & Vascular Institute	MSN;RN	Nothing Relevant to Disclose
Amy	Walsh	Boston Children's Hospital	BSN;RN	Nothing Relevant to Disclose
Ana Laura ANA MOSALINA	Lopez Serrano MANUEL	University of Puebla Girassol Clinic	PhD	Nothing Relevant to Disclose Nothing Relevant to Disclose
Anand	Ganesan	Flinders University	MBBS	Nothing Relevant to Disclose
Andre	d'Avila	Beth Israel Deaconess Medical Center	MA;MD;PhD	Nothing Relevant to Disclose
Andre	d'Avila	Beth Israel Deaconess Medical Center	MD;PhD	Nothing Relevant to Disclose
Andre	Gauri	Corewell Health- West	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Andrea	Natale	Texas Cardiac Arrhythmia Institute	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Andrea	Robinson	Riverside Methodist Hospital, OhioHealth	MSN;ACNP	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting

Andrea	Russo	Cooper University Hospital	MD	<p>Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p> <p>Organization: UpToDate, Inc., Relationship: Royalty Income, Role: Writing/editing; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pacemate, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: All support to hospital (none to PI); Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Consulting, Role: Research Steering Committee/Consulting; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Andrea	Sarkozy	University Hospital Brussels	MD;PhD	<p>Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Microport CRM, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Andrea	Sarkozy	University Hospital of Antwerp	MD;PhD	<p>Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Microport CRM, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>

Andreas	Goette	St.Vincenz Hospitaal Paderborn	MD	Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Berlin-Chemie AG/Menarini; Berlin, Germany, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: OMEICOS Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Daiichi, Relationship: Speakers' Bureau, Role: Consulting
Andrés	Miranda-Arboleda	Brigham and Women's Hospital	MD	Nothing Relevant to Disclose
Andrew	Epstein	Univ of Pennsylvania Cardiovascular Dise	MD	Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Committee hasn't met during COVID; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Events Committees; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Events committees, Cyber Advisory Board; Organization: HeartBeam, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Data and Safety Monitoring Committee, Role: Data and Safety Monitoring Committee
Andrew	Glazer	Vanderbilt University Medical Center	PhD	Nothing Relevant to Disclose
Andrew	Krahn	Division of Cardiology, University of British Columbia	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: resuming previous Independent Physician Quality Panel work
Andrew	Landstrom	Duke University School of Medicine	MD;PhD	Nothing Relevant to Disclose
Andrew	Lin	University of California San Diego	MD	Nothing Relevant to Disclose

Andriy	Katyukha	Sunnybrook Health Sciences Centre, University of Toronto	MD	Nothing Relevant to Disclose
ANEESH Anindita	DEORAS Saha	FDA U.S. Food and Drug Administration	MSE	Nothing Relevant to Disclose Nothing Relevant to Disclose
Anish	Amin	Riverside Methodist Hospital	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Anna	Kamp	Nationwide Children`s Hospital	MD;MPH	Organization: Edwards Lifesciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Anna	Pfenniger	Northwestern University	MD;PhD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Anne	Curtis	University at Buffalo	MD	Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Eagle Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Board Membership; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Anne	Dubin	Stanford Univ, Pediatric Cardi	MD	Organization: UpToDate, Inc., Relationship: Royalty Income, Role: royalty for article
Anne	Kroman	Medical University of South Carolina	DO;PhD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Anthony	Trela	Lucile Packard Children`s Hospital	MSN;CPNP;RN	Nothing Relevant to Disclose

Antonio	Abbate	University of Virginia		Organization: Kiniksa, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Implicit BioScience, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cardiol Therapeutics Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Anwar A.	Chahal	WellSpan Health (clinical); Mayo Clinic (academic)	BS;MD;PhD	Nothing Relevant to Disclose
Apoor Arash	Patel Aryana	Houston Methodist Mercy General Hospital and Dignity Health Heart & Vascular Institute	MD MD;PhD	Nothing Relevant to Disclose Organization: Sirona Medical Technologies, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Teaching course; Organization: Janssen Pharmaceuticals, Relationship: Speakers' Bureau, Role: Speaking and Teaching
Armen A.	Kocharian	Houston Methodist Research Institute	MD	Nothing Relevant to Disclose
Aron Arthur	Bender Wilde	UCLA AMC, University of Amsterdam	MD MD;PhD	Nothing Relevant to Disclose Organization: ARMGO Pharma, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: started in 2022; Organization: LQT Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: started in 2020
Arun Raghav	Sridhar	Pulse Heart Institute, Washington	MD;MPH	Organization: AliveCor, Relationship: Stock Options – Privately Held (including start-up companies), Role: Membership on Advisory Committees or Review Panels
Arunashis Ashley	Sau Chin	Imperial College London Groote Schuur Hospital and UCT Private Academic Hospital	MBBS MBChB	Nothing Relevant to Disclose Nothing Relevant to Disclose
Atul	Verma	McGill University Health Centre	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory

				Committees or Review Panels; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Kardium, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Galaxy Medical, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Adagio Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Audrey	Dionne	Boston Children`s hospital	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator initiated research grant; Organization: Pfizer, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Ayman	Hussein	Cleveland Clinic	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Babak	Nazer	University of Washington	MD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Consulting, Role: Consulting; Organization: Boston Scientific, Relationship: Consulting fees, Role: Consulting; Organization: Edwards Lifesciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Babken	Asatryan	Johns Hopkins University School of Medicine	MD;PhD	Nothing Relevant to Disclose
Baptiste	Lefebvre	Cardiologs		Organization: Philips, Relationship: Salary from Employment, Role: Employment
Barry	London	University of Iowa	MD;PhD	Organization: Telethon, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: Grant Reviewer
Bas	Boukens	University Maastricht	PhD	Nothing Relevant to Disclose
Bassam	Wanna	Tulane University Heart and Vascular Institute	MD	Nothing Relevant to Disclose
Beixin	He	University of Washington/ Seattle VA Medical Center	MD;PhD	Nothing Relevant to Disclose
Benjamin	Dsouza	Penn Presbyterian Medical Cent	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Stereotaxis, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;

				<p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Aziyo Biologics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Cardiva Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Stereotaxis, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Benjamin	Helm	Indiana University School of Medicine	MS;PhD	Nothing Relevant to Disclose
Benjamin	Steinberg	University of Utah	MD;MHS	<p>Organization: AltaThera Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Cardiva Medical, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Knowledge to Practice, Relationship: Consultant, Role: Consulting; Organization: Milestone Pharmaceuticals, Relationship: DSMB, Role: Membership on Advisory Committees or Review Panels; Organization: InCarda Therapeutics, Relationship: CED, Role: Membership on Advisory Committees or Review Panels; Organization: Sanofi, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Consulting, Role: Consulting; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research</p>
Beth	Habecker	Oregon Health & Science University	PhD	Nothing Relevant to Disclose
Bharat	Kantharia	Cardiovascular and Heart Rhythm	MD	Nothing Relevant to Disclose
Bindi	Shah	U.S. Food & Drug Administration	BSE;MD	Nothing Relevant to Disclose
Blair	Grubb	University of Toledo , Cardiology	MD	Nothing Relevant to Disclose

Blandine	Mondesert	Montreal Heart Institute	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Bobbi	Hoppe	Kittitas Valley	MD	Nothing Relevant to Disclose
Boris	Schmidt	Cardioangiologisches Centrum B	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Farapulse, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Boyoung	Joung	Yonsei University Severance Hospital	MD;PhD	Nothing Relevant to Disclose
Bradley	Clark	Masonic Children's Hospital - University of Minnesota	MD	Organization: PeriCor, LLC, Relationship: Ownership/Partnership/Principal, Role: Management Position, Comments: I am the CMO of PeriCor, LLC which is a small business spin-off created at Children's National around 2016. It currently has SBIR funding to fund research studies. There is no profit or salary from this entity.; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Bradley	Knight	Northwestern Medicine/University	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role:

Brett	Atwater	Inova Schar Heart and Vascular	MD	Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Atraverse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Eli Lilly, Relationship: Salary from Employment, Role: Employment; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels Nothing Relevant to Disclose
Brian	Lewis	US Food & Drug Administration	MD	Nothing Relevant to Disclose
Brian	Olshansky	Iowa City VAH	MD	Organization: AstraZeneca, Relationship: DSMB member, Role: Membership on Advisory Committees or Review Panels, Comments: DSMB member
Brittney Brototo	Murray Deb	Johns Hopkins Hospital Georgetown University	MS	Nothing Relevant to Disclose
Brynn	Dechert-Crooks	C.S. Mott Children's Hospital	MD	Nothing Relevant to Disclose
Bulent	Gorenek	C.S. Mott Children's Hospital	APN	Nothing Relevant to Disclose
Bulent	Gorenek	Eskisehir Osmangazi University	MD	Nothing Relevant to Disclose
Burkhard	Hügl	Marienhause Unternehmensgruppe		Nothing Relevant to Disclose
Caihua	Sang	Beijing Anzhen Hospital		Nothing Relevant to Disclose
Camille	Frazier-Mills	Duke University Medical Center	MD;MHS	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Board Membership, Comments: DEI Board; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Cara	Pellegrini	VA San Francisco / UCSF	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc.,

Caridad Carlo	de la Uz de Asmundis	Johns Hopkins Hospital Vrije Universiteit Brussel,	MD MD;PhD	Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Taught at fellows course; Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Carlo	Pappone	IRCCS Policlinico San Donato	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Carsten	Israel	Bethel-Clinic	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Daiichi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sorin Group, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: MicroPort Scientific Corporation, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship:

Caterina	Bisceglia	San Raffaele Hospital	MD	Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Catherine	Marshall	San Antonio Military Medical Center	MSN;APRN;FNP	Organization: Abbott Medical, Relationship: Stocks – Publicly Traded, Role: none, Comments: public stock trading,\$141 is amount total vested.; Organization: Medtronic,Inc., Relationship: Stocks – Publicly Traded, Role: purchaser of stock, Comments: public stock, 105.35 totally vested
Cathleen	Biga	Cardiovascular Management of Illinois	MSN	Organization: Cardiovascular Management of Illinois, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: President/CEO; Organization: Aftershock, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Cleerly, Relationship: Stocks – Privately Held, Role: stock options
Cathleen	Biga	Cardiovascular Management of Illinois	MSN;RN	Organization: Cardiovascular Management of Illinois, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: President/CEO; Organization: Aftershock, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Cleerly, Relationship: Stocks – Privately Held, Role: stock options
Chandra	Srinivasan	The Children's Hospital of Philadelphia	MD	Nothing Relevant to Disclose
Charles	Berul	Children`s National	MD	Organization: Medtronic,Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: PeriCor, LLC, Relationship: Ownership/Partnership/Principal, Role: Management Position
Charles	Berul	Children`s National	MD;MS	Organization: Medtronic,Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: PeriCor, LLC, Relationship: Ownership/Partnership/Principal, Role: Management Position
Charles	Kennergren	University of GÖTEBORG, Medical Faculty	MD;PhD	Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Charles	Love	Johns Hopkins Hospital	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Sponsored research to Johns Hopkins. No personal financial benefit;

Charles	Swerdlow	Cedars Sinai Medical Center	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
chenyang	jiang	Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting fees and honoraria; Organization: Medtronic, Inc., Relationship: Intellectual Property Rights, Role: Research, Comments: Medtronic Continues payments on patents licensed in 2004. Nothing Relevant to Disclose
Cheryl	Teres	Lausanne University Hospital	MD	Nothing Relevant to Disclose
Cheyenne	Beach	Yale University School of Medicine	MD	Nothing Relevant to Disclose
Chi Keong	Ching	National Heart Centre Singapore	MBBS	Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Chin-Yu	Lin	Taipei Veterans General Hospital	MD	Nothing Relevant to Disclose
Christian	de Chillou	University Hospital Nancy	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Christian	Meyer	EVK Düsseldorf	MA;MD	Nothing Relevant to Disclose
Christian	Soeller	University of Bern	PhD	Nothing Relevant to Disclose

Christina	Magnelli-Reyes	Cleveland Clinic	BSN;RN	Organization: Medtronic, Inc., Relationship: Salary from Employment, Role: Employment; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Christina	Miyake	Texas Children`s Hospital	MD;MS	Nothing Relevant to Disclose
Christine	Albert	Cedars-Sinai Medical Center	MD;MPH	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: I am PI of a grant to BWH; Organization: Roche Diagnostics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI of Research grant administered to BWH; Organization: St. Jude Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI of Research grant administered through BWH; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Element Science, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Illumina, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Christine	Tanaka-Esposito	Cleveland Clinic	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosig Technologies, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: BioSig financed cost of preclinical research study. No \$ received by me (PI) nor study team members
Christopher	Cheung	Sunnybrook Health Sciences Centre, University of Toronto	MD;MPH	Nothing Relevant to Disclose
Christopher	Ellis	Vanderbilt Heart and Vascular	MD	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: To Vanderbilt University as coordinating center for ENVELOPE randomized trial; Organization: Boehringer Ingelheim, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research,

				Comments: To Vanderbilt University for DEA-LAA study; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Physician advisory board for LAA closure Physician proctor for Watchman LAAC implantation; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Amulet IDE imaging review for LAA complications Amulet global procedural safety committee
Christopher	Haggerty	Columbia University		Organization: Tempus Labs, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Ended 2022-10
Christopher	Janson	CHOP	MD	Nothing Relevant to Disclose
Christopher	Kowalewski	CHU Bordeaux	MD	Nothing Relevant to Disclose
Christopher	Liu	Weill Cornell Medicine / New York-Presbyterian Hospital	MD	Nothing Relevant to Disclose
Christopher	Redmond	St Thomas' Hospital	BS;MS	Nothing Relevant to Disclose
Christopher	Woods	California Pacific Medical Center	MD;PhD	Organization: Abbott Medical, Relationship: Travel/Entertainment, Role: Consulting; Organization: Attune Medical, Relationship: Intellectual Property Rights, Role: Intellectual property; Organization: inHEART, Relationship: Stocks – Privately Held, Role: Equiry
Christopher Aldo	Rinaldi	St. Thomas Hospital, Cardiac D	MBBS;MD	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: RESEARCH FUNDING; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: RESEARCH FUNDING; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: LivaNova, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: EBR Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Spectranetics Corporation, Relationship: Speakers' Bureau, Role: Speaking and Teaching
Cicely	Dye	Naval Medical Center San Diego	MD	Nothing Relevant to Disclose
Ciorsti	MacIntyre	Mayo Clinic	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Speaker at fellow education course; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Claire	Martin	Papworth Hospital NHS Foundati	MA;MBBS;PhD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Claudia	Fragata	Dante Pazzanese Institute of Cardiology	MD;PhD	Nothing Relevant to Disclose
Claudio	Pandozi	San Filippo Neri Hospital		Nothing Relevant to Disclose
Claudio	Schuger	University of Rochester		Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Claudio	Tondo	Centro Cardiologico Monzino, Heart Rhythm Center, University of Milan, Milan,	MD;PhD;DPhil	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: For proctorship and travelling for Medtronic Participation at Advisory Board Meetings
Colette	Seifer	St Boniface Hospital, University of Manitoba	BCH;MB	Nothing Relevant to Disclose
Colleen	Clancy	University of California, Davis	PhD	Nothing Relevant to Disclose
Corentin	Chaumont	Hospital of the Univ of Pennsylvania, Cardiac Electrophysiology	MD;MSci	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Corinna	Brunckhorst	University Heart Center Zurich	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Cristiano	Dietrich	Hospital Nove de Julho	MD;PhD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Cristiano	Pisani	InCor, Heart Institute, HCFMUSP	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Speakers' Bureau, Role: Speaking and Teaching

Crystal Cynthia	Ripplinger James	UC Davis Johns Hopkins University	PhD PhD;CGC	Nothing Relevant to Disclose Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Salary support on a research grant; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Paid hourly for occasional services; Organization: StrideBio, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Funds to employer as a research grant.; Organization: Lexeo, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Contract signed for research funds to be disbursed to institution. Have not received any funds yet (estimated in early 2023).; Organization: LEXEO Therapeutics Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Lexeo paid for travel to New York City from Baltimore in January 2023 for me to present research data at their Advisory Committee meeting. I was also paid for the hourly work involved in this process and participation in the day-long advisory committee meeting.
Cynthia	Tracy	George Washington Univ Medical	MD	Nothing Relevant to Disclose
Dale	Yoo	Heart Rhythm Specialists	MD	Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: This includes consulting, teaching, and speaking.
Damijan	Miklavcic	University of Ljubljana	PhD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Gross consulting fees over the last 2 years.; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research), Comments: contracted research in the last two years
Dan	Roden	Vanderbilt University Medical Center	MD	Nothing Relevant to Disclose
Dan	Sorajja	Mayo Clinic Arizona	MD	Organization: Verily/Google, Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Ownership
Dana	Goldense	Beth Israel Deaconess Medical Center	MS;PAC	Nothing Relevant to Disclose
Daniel	Cooper	Washington University School of Medicine	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship:

Daniel	Friedman	Duke University School of Medicine	MD	Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Merit Medical Systems, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Microport CRM, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Daniel	Kramer	Beth Israel Deaconess Medical Center	MD;MPH	Organization: HeartCor LLC, Relationship: Salary from Employment, Role: Consulting, Comments: I serve as a member of HeartCor's core lab overreading arrhythmia recordings from clinical studies.
Daniel	Morin	Ochsner Health	MD;MPH	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: Adjudication of ICD events for a clinical trial.; Organization: Medtronic, Inc., Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Daniele	Muser	ASUFC		Nothing Relevant to Disclose
David	Benditt	Univ of Minnesota	BSEE;MD	Organization: Abbott, Relationship: Stocks – Publicly Traded, Role: Stock only, Comments: Stock only; Organization: Advanced Circulatory Systems, Inc., Relationship: Ownership/Partnership/Principal, Role: Board Membership, Comments: Start-up. No income derived; Organization:

David	Birnie	Ottawa Heart Institute	MD	Medtronic PLC, Relationship: Stocks – Publicly Traded, Role: Membership on Advisory Committees or Review Panels
David	Callans	Hospital of the University of Pennsylvania	MD	Nothing Relevant to Disclose Organization: Thermedical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Wolters Kluwer, Relationship: author, Role: authorship for UpToDate; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Coherex, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: 1125; Organization: Best Doctors, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
David	Chiang	Brigham and Women's Hospital	MD;PhD	Nothing Relevant to Disclose
David	Christini	SUNY Downstate Health Sciences University	PhD	Nothing Relevant to Disclose
David	De Lurgio	Emory Saint Joseph`s Hospital	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
David	Duncker	Hannover Heart Rhythm Center, Hannover Medical School	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship:

David	Filgueiras-Rama	Centro Nacional de Investigaciones Cardiovasculares (CNIC)	MD;PhD	<p>Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p> <p>Organization: Centro Nacional de Investigaciones Cardiovasculares (CNIC), Relationship: Intellectual Property Rights, Role: Ownership, Comments: Patent#EP3636147A1 - Method for the identification of cardiac fibrillation drivers and/or the footprint of rotational activations using single optical or electrical signals without requiring panoramic simultaneous acquisition; Organization: University Rey Juan Carlos, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: University Complutense Madrid, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research</p> <p>Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Stryker, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p> <p>Nothing Relevant to Disclose</p>
David	Frankel	Hospital of the University of Pennsylvania	MD	
David	Hazlewood	U.S. Food & Drug Administration	PhD	

David	Martin	Cleveland Clinic, Cardiovascular Medicine	MD;MPH	Nothing Relevant to Disclose
David	Slotwiner	New York Presbyterian Queens	MD	Nothing Relevant to Disclose
David	Spar	Cincinnati Children`s Hospital	MD	Nothing Relevant to Disclose
David	Spragg	Johns Hopkins Hospital	MD	Nothing Relevant to Disclose
David	Van Wagoner	Cleveland Clinic	PhD	Nothing Relevant to Disclose
Demilade	Adedinsewo	Mayo Clinic	MD;MPH	Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Owned by spouse, who is a former employee of Apple Inc.; Organization: Miami Heart Research Institute, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research grant paid to institution
Denise	Hachul	Heart Institute - Sao Paulo University - School of Medicine	MD;PhD	Nothing Relevant to Disclose
Derek	Chew	University of Calgary	MD;MS	Organization: UTI Limited Partnership, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: Contracted health economics work for UTI Limited Partnership (Innovate Calgary), an entity of the University of Calgary.
Derek	Exner	University of Calgary	MD;MPH	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CorVista, Relationship: Stock Options – Privately Held (including start-up companies), Role: Membership on Advisory Committees or Review Panels; Organization: GE Healthcare, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: HelpWear, Relationship: Ownership/Partnership/Principal, Role: Management Position; Organization: eMurmur, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: ProtoIntel, Relationship: Ownership/Partnership/Principal, Role: Consulting; Organization: Clarius, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Devi	Nair	St. Bernards Medical Center & Arrhythmia Research Group	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Advisory board; Organization: Biosense Webster, Inc.,

Dhanunjaya	Lakkireddy	The Kansas City Heart Rhythm Institute at HCA Midwest Health	MBA;MD	Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Advisory board; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Advisory Board; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Fellows training Organization: Boston Scientific, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Janssen Pharmaceuticals, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Dhiraj	Gupta	Liverpool Heart and Chest Hospital	MBBS;MD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic Bakken Research Center, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Dipen	Shah	Hopitaux Universitaires de Geneve	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: SentiAR, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Arga Medtech, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Dobromir	Dobrev	University Hospital Essen	MD	Nothing Relevant to Disclose
Dominik	Linz	Maastricht University Medical Center	MD;PhD	Nothing Relevant to Disclose

Douglas	Darden	Kansas City Heart Rhythm Institute	MD	Nothing Relevant to Disclose
Douglas	Mah	Boston Children`s Hospital	MD	Nothing Relevant to Disclose
Douglas	Packer	Intermountain Medical Center	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: CardioFocus, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: St. Jude Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Thermedical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: St. Jude Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: CABANA Trial; Organization: Siemens, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Travel/Entertainment, Role: Consulting, Comments: Travel expense reimbursement for advisory board activity; Organization: Abbott, Relationship: Travel/Entertainment, Role: Consulting, Comments: Travel expense reimbursement for advisory board mtg.; Organization: Medtronic, Relationship: Travel/Entertainment, Role: Consulting, Comments: Travel expense for ECG Tracings Course; Organization: Thermedical, Relationship: Travel/Entertainment, Role: Consulting, Comments: Travel reimbursement; Organization: CORDIS – Johnson & Johnson, Relationship: Travel/Entertainment, Role: Speaking and Teaching, Comments: Travel Exp reimbursement; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Thermedical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: St. Jude Medical, Relationship: Royalty Income, Role: patent royalty; Organization: Atrifix,

				<p>Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medlumics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: ArtFix, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: NeuCures, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Xenter, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Affera, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CathVision, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cardio Syntax, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p> <p>Nothing Relevant to Disclose</p>
Douglas	Zipers	Indiana Univ School of Medicine, Krannert Institute of Cardiology	MD	
E. Kevin	Heist	Massachusetts General Hospital	MD;PhD	<p>Organization: Oracle Health, Relationship: Stocks – Privately Held, Role: Consulting, Comments: startup company; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p> <p>Nothing Relevant to Disclose</p>
Edip Edmond	Gurul Cronin	Harvard University Temple University Hospital	MBChB	<p>Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Advanced Ablation course 12/2/2022; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: PRL</p> <p>Nothing Relevant to Disclose</p>
Edoardo	Bressi	Policlinico Casilino of Rome	MD	Nothing Relevant to Disclose
Eduardo	Saad	Beth Israel Deaconess Medical Center	MD;PhD	<p>Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;</p>

Edward	Fry	Ascension		Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Edward	Fry	Ascension Medical Group		Organization: Ascension St. Vincent Heart Center, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Ownership = 0.3% of total shares
Edward	Gerstenfeld	University of California, San Francisco	MD	Organization: Ascension St. Vincent Heart Center, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Ownership = 0.3% of total shares
Edward	Vigmond	IHU LIRYC/Universite Bordeaux	PhD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Thermedical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: DSMB; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: DSMB member, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Edward	Walsh	Boston Children`s Hospital	MD	Organization: Numericor GmbH, Relationship: Ownership/Partnership/Principal, Role: Board Membership
Elad	Anter	Shamir Medical Center	MD	Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Author honorarium
Elaine	Hylek	Boston University School of Medicine	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Affera, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Ownership
Elaine	Wan	Columbia University, Cardiology	MD	Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research
				Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Elena	Arbelo	Hospital Clinic De Barcelona	MD;MSci;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Eleonora	Grandi	University of California at Davis	MS;PhD	Nothing Relevant to Disclose
Eli	Gang	Cardiovascular Medical Group	MD	Organization: Baropace, Relationship: Stocks – Privately Held, Role: Management Position, Comments: stock has no value at this point
Elizabeth	DeWitt	Boston Children`s Hospital	MD	Nothing Relevant to Disclose
Elizabeth	Jordan	The Ohio State University	MS	Nothing Relevant to Disclose
Elizabeth	Jordan	The Ohio State University	MS;CGC	Nothing Relevant to Disclose
Elizabeth	Kaufman	MetroHealth Medical Center	MD	Nothing Relevant to Disclose
Elizabeth	Saarel	St. Luke's Health System	MD	Nothing Relevant to Disclose
Elizabeth	Stephenson	The Hospital for Sick Children	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: My husband receives honoraria for multiple continuing medical education activities in which he designs the talk and chooses the content; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: My husband receives honoraria for multiple continuing medical education activities in which he designs the talk and chooses the content. He also occasionally participates in advisory boards.
Eloi	Marijon	Hôpital Européen Georges-Pompidou	MD;PhD	Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MicroPort Scientific Corporation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Consulting; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Emanuele	Bertaglia	Azienda Ospedaliera di Padova	MD	Nothing Relevant to Disclose

Emile	Daoud	The Ohio State University Medi	MD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Paid to the Division of Cardiology Davis Heart and Lung Research Institute; Organization: S4 Medical, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Chief medical officer and I serve as a paid consultant; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Advisory committee regarding ICE and electroporation; Travel expenses; Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Advisory committee regarding IV sotalol
Emilia	Entcheva	George Washington University,	PhD	Nothing Relevant to Disclose
Emily	Murtagh	St. Paul's Hospital	BS;RCVT	Nothing Relevant to Disclose
Emily	Zeitler	Dartmouth Health	MD;MHS	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Diversity and inclusion working group; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Fellows' education, women in EP program, ablation summit, medical advisory board
Emma	Svennberg	Karolinska Institutet Karolinska University Hospital	MD;PhD	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Roche Diagnostics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Institutional grant; Organization: Merck, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Institutional grants only (no personal reimbursement, no salary increase, no effect on position within department)
Eoin	Donnellan	Cleveland Clinic	MD	Nothing Relevant to Disclose

Eric	Buch	UCLA	MD	Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Eric	Grubman	Yale University School of Medi	MD	Nothing Relevant to Disclose
Eric	Prystowsky	Ascension St Vincent Hospital and Health Center	MD	Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Eric	Rashba	SUNY-Stony Brook Univ Medical	MD	Nothing Relevant to Disclose
Erica	Zado	Hospital of the University of Pennsylvania	PAC	Nothing Relevant to Disclose
Eugene	Chung	Massachusetts General Hospital/Harvard Medical School	MD;MPH;MSci	Nothing Relevant to Disclose
Eugenio	Cingolani	Cedars-Sinai Medical Center	MD	Nothing Relevant to Disclose
Fabrice	Demoniere	Montreal Heart Institute	MD;MSME	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Oral session in the last Journée européenne de la société française de cardiologie (JESFC)
Fabrizio	Drago	Bambino Gesu Children`s Hospital	MD	Nothing Relevant to Disclose
Faisal	Merchant	Emory University School of Medicine	MD	Nothing Relevant to Disclose
Faisal	Syed	UNC Chapel Hill	BS;MBChB	Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Fa-Po	Chung	Taipei Veterans General Hospital	MD;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc.,

FATIMA Felipe	ALRASHDAN Bisbal	Rice University University Hospital Germans Trias i Pujol	MD;PhD	Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose Nothing Relevant to Disclose
Felix	Sogade	Georgia Arrhythmia Consultants & RI.	MD	Organization: Alnylam Pharmaceuticals, Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Stocks bought through broker and independent advise and held for more than 5 years; Organization: Medtronic, Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Held in joint investment account and bought publicly via broker and more than 10 years holding. Appreciation related to market forces; Organization: Abiomed, Relationship: Stocks – Publicly Traded, Role: Ownership
Felix	Yang	NYU Langone	MD	Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Flavio	Fenton	Georgia Institute of Technology	PhD	Nothing Relevant to Disclose
Francesco	Zanon	Santa Maria Della Misericordia Hospital	MD	Organization: St. Jude Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: modest; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: modest; Organization: LivaNova, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: modest; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: modest; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: modest
Francis	Marchlinski	Hospital of the Univ of Pennsylvania, Cardiac Electrophysiology	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Director of annual weekend Fellowship Educational Symposium, and speaker at educational conference; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty for Prystowsky ECG Course at HRS and Scientific Advisory Board; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Director of Annual Fellowship Educational Symposium; Organization: Biosense Webster, Inc., Relationship:

				Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Director of Fellowship/Post Fellowship educational program on VT
Francois	Philippon	IUCPQ	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Frank	Bogun	Univ of Michigan	MD	Nothing Relevant to Disclose
Frank	Cecchin	NYU-Pediatric Cardiology	BS;MD	Nothing Relevant to Disclose
Frank	Pelosi	Univ of Michigan Health Systems, CVC Cardiovascular Medicine	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Avicenna Medical Systems, Relationship: Ownership/Partnership/Principal, Role: Board Membership, Comments: Healthcare IT start up; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Fred	Kusumoto	Mayo Clinic Jacksonville, EP and Pacing Services	MD	Nothing Relevant to Disclose
Frederic	Sacher	LIRYC Institute/ Bordeaux University	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MicroPort Scientific Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: inHEART, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Frederick	Han	University of California, San Diego Medical Center	MD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
G. Neal	Kay	Univ of Alabama At Birmingham, Cardiology	MD	Nothing Relevant to Disclose

Gaurav	Upadhyay	The University of Chicago Medicine	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: <5K; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Cumulative amount for multiple consulting/speaking engagements; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Multiple meetings; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Gaurav	Upadhyay	University of Chicago Medicine	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: <5K; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Cumulative amount for multiple consulting/speaking engagements; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Multiple meetings; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Gautam	Sharma	Cardiology	DNP	Nothing Relevant to Disclose

George	Crossley	Vanderbilt Heart & Vascular Institute	MD	Organization: Spectranetics Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
George	Klein	Western University	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Gerhard	Hindricks	Heart Center - University of Leipzig	MD	Nothing Relevant to Disclose
Gerilynn	Schott	Stanford Medicine	MSN;ACNPC	Nothing Relevant to Disclose
Giorgia	Bertoli	New York University	PhD	Nothing Relevant to Disclose
Giovanni	Peretto	IRCCS San Raffaele Scientific Institute, Milan Italy	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Speaker at International EP Curriculum for Cardiac EPs. Topic: Arrhythmias in Myocarditis.
Girish	Nair	University of Ottawa Heart Institute	MBBS;MD;MHS	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Glenn	Fishman	NYU School of Medicine	MD	Organization: Script Biosciences, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: biotech startup; no potential conflicts at this time
Gopi	Dandamudi	Virginia Mason Franciscan Health	MBA;MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Gordon	Tomaselli	Albert Einstein College of Medicine	MD	Organization: Domicell, LLC, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: start up
Graham	Wright	Sunnybrook Research Institute	MASC;PhD	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: GE Healthcare, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Greg	Flaker	Univ of Missouri Hospital & Cl	MD	Nothing Relevant to Disclose
Gregory	Feld	Univ of California San Diego	MD	Organization: Vektor Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Adagio Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Perminova, Inc., Relationship: Ownership/Partnership/Principal, Role:

Gregory	Feld	University of San Diego Health		Ownership; Organization: Medwaves, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting Organization: Vektor Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Adagio Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Perminova, Inc., Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Medwaves, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting
Gregory	Michaud	Massachusetts General Hospital	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Some includes reimbursement for travel; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Gregory	Supple	University of Pennsylvania	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Gregory	Webster	Ann & Robert H. Lurie Children`s Hospital	MD;MPH	Organization: Brett Boyer Foundation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research), Comments: Principal Investigator; research grant
Gregory	Webster	Lurie Children`s Hospital	MD;MPH	Organization: Brett Boyer Foundation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research), Comments: Principal Investigator; research grant
Hadi	Younes	TRIAD: Tulane Research Innovation for Arrhythmia Discovery	MD	Nothing Relevant to Disclose
Hakeem	Ayinde	Cardiology Associates of Fredericksburg	MD;MS	Nothing Relevant to Disclose
Haran	Burri	University Hospital of Geneva	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;

				Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Speakers' Bureau, Role: Research; Organization: MicroPort Scientific Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose
Harikrishna	Tandri	Vanderbilt University School of Medicine	MD	
Hawkins	Gay	Northwestern University Feinberg School of Medicine	MD;MPH	Nothing Relevant to Disclose
Haydee	Garcia	UC Davis Health		Nothing Relevant to Disclose
Heather	Bloom	Atlanta VA Medical Center	MD	Nothing Relevant to Disclose
Heather	Giacone	Stanford University	MD	Nothing Relevant to Disclose
Heather	MacLeod	SDY Case Registry	MS;CGC	Nothing Relevant to Disclose
Heather	Ross	Arizona State University	DNP;PhD;ANP	Nothing Relevant to Disclose
Henry	Hsia	University of California-San Francisco	MD	Organization: Biosense Webster, Inc., Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: Advance EP Training courses (8-11) in China-webinar organization, content design, preparation, presentation and Q&A; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Data Safety and Monitoring Board (DSMB); Organization: Adagio Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: performing pre-clinical animal research
Henry	Huang	Rush University Medical Center	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CardioFocus, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Hiroshi	Morita	Okayama University	MD;PhD	Organization: Medtronic Japan, Relationship: Affiliated with the endowed department by Japan Medtronic Inc., Role: Research
Hiroshi	Nakagawa	Cleveland Clinic	MD;PhD	Organization: Fukuda-Denshi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Japan Lifeline, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Stereotaxis, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization:

				Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Galaxy Medical, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Hong-Da	ZHANG	Fuwai Hospital, Beijing, China	MD;PhD	
Hooman	Kamel	Weill Cornell Medical College		Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: See comments., Comments: Financial disclosures for Hooman Kamel: PI for the ARCADIA trial (NIH/NINDS U01NS095869), which received in-kind study drug from the BMS-Pfizer Alliance for Eliquis® and ancillary study support from Roche Diagnostics; other funding from NIH (R01HL144541, R01NS123576, U01NS106513); Deputy Editor for JAMA Neurology; clinical trial steering/executive committees for Medtronic, Janssen, and Javelin Medical; endpoint adjudication committees for AstraZeneca, Novo Nordisk, and Boehringer Ingelheim; and household ownership interests in TETMedical, Spectrum Plastics Group, and Burke Porter Group.
Hugh	Calkins	Johns Hopkins Hospital	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Hui-Chen	Han	Victorian Heart Institute	MBBS;PhD	Nothing Relevant to Disclose
Huiliang	Qiu	Mayo Clinic		Nothing Relevant to Disclose
Hui-Nam	Pak	Yonsei University Health System	MD;PhD	Nothing Relevant to Disclose
Ian	Crozier	Canterbury Health Limited	MBChB;MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research), Comments: EV-ICD pilot study
Ibrahim	Karabayir	Atrium Health Wake Forest Baptist		Nothing Relevant to Disclose

Igor	Efimov	Northwestern University	PhD	Organization: AliveCor, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: expert witness; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Samsung Electronics, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: expert witness
Ijeoma	Ekeruo	University of Texas Health Sciences Center at Houston	MD	Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Iqbal	El-Assaad	Cleveland Clinic Children's	MD	Nothing Relevant to Disclose
Isabel	Deisenhofer	German Heart Center Munich Department of Electrophysiology	MD	Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Daiichi Sankyo, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Grant to the MARS (Munich Arrhythmia Research and Study) center for conducting a multicentric study (no personal grant); Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: honorarium for presentation at annual German Cardiac Society scientific meeting; Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Isabelle	Deschenes	The Ohio State University	PhD	Nothing Relevant to Disclose
Isabelle	Nault	IUCPQ	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: no role in the past 12 months; Organization: Icentia, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: no role in the past 12 months

Isabelle	Nault	IUCPQ	MD;CCS	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: no role in the past 12 months; Organization: Icentia, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: no role in the past 12 months
J. Brian	DeVille	Baylor Scott and White Arrhythmia Management	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research grant was to Baylor Research Institute. I received no payments, but was the PI for the study.; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Payment was made to Baylor Research Institute. I did not receive any payment, but was the PI.; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Payment was made to Baylor Research Institute. I did not receive any payment, but I was the PI.
J. Kevin	Donahue	UMass Chan Med School	MD	Nothing Relevant to Disclose
J. Peter	Weiss	Banner University of Arizona Medical Center, Phoenix	MD;MSci	Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Corfigo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Stereotaxis, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: I also own a small amount of privately purchased stock (less than \$5000)
Jack Jackson	Griffiths Liang	Royal Brompton Hospital University of Michigan	BS;MBBS DO	Nothing Relevant to Disclose Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting

Jacob	Koruth	Mount Sinai Medical Center	MD	Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: None; Organization: Kardium, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Affera, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pulse Biosciences, Relationship: Stock Options – Privately Held (including start-up companies), Role: Research, Comments: No financial documents; Organization: Field Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Research
Jacqueline	Joza	McGill University Health Centre	MD;MS	Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator Initiated study: (External Research Program). The study sponsor is the Research Institute of the McGill University Health Centre where Medtronic does not direct the design, conduct, or outcome of the study.; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Jagdeep	Sedha	University of Eastern Finland	BM	Nothing Relevant to Disclose
Jagmeet	Singh	Mass General Hospital	MD;PhD	Organization: EBR Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MicroPort Scientific Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cardiologs, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Implicity, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Orchestra Biomed, Relationship:

Jagmeet

Singh

MGH

MD;PhD

Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Rhythm Management Group Corp, Relationship:  
Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Notal Vision, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting  
Organization: EBR Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MicroPort Scientific Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cardiologs, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Implicity, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Orchestra Biomed, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Rhythm Management Group Corp, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Notal Vision, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting

Jakub James	Sroubek Allred	Cleveland Clinic ConeHealth	MD;PhD MD	Nothing Relevant to Disclose Organization: CV Remote Solutions PLC, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
James	Daubert	Duke University Medical Center	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: No personal salary; grants to Duke University; co-investigator on research with grant from Abbott to Duke.; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator on research with grant from entity to Duke University; no personal salary.; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: The amount 11312 USD is total for an advisory board (Independent Physician Quality Panel) amounting to about 6000 USD per year and lecture and symposium chairing about 5000 USD per year.; Organization: Syneos Health, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: \$0 in 2020 or 2021; anticipate \$2000-\$5000 in 2022; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: VytronUS, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: LivaNova, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering Committee. No payments in 2017 or 2018; possibly 2000 USD in 2019; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Affera, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee,

James	Ip	Weill Cornell Medicine	MD	<p>Role: Membership on Advisory Committees or Review Panels, Comments: No fees in 2017 or 2018. DSMB and events committee beginning in 2019; will be &lt; 10 000 USD; estimate above of 4000 USD; Organization: CORDIS – Johnson &amp; Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Events Committee; Organization: Springboard, Relationship: Royalty Income, Role: Author</p> <p>Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering Committee;</p> <p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Data Safety Monitoring Board;</p> <p>Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: EP Advisory Board;</p> <p>Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: physician trainer, steering committee member; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering committee</p>
James	Ip	Weill Cornell Medicine, New York Presbyterian Hospital	MD	<p>Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering Committee;</p> <p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Data Safety Monitoring Board;</p> <p>Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: EP Advisory Board;</p> <p>Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: physician trainer, steering committee member; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering committee</p>

James	Martin	Baylor College of Medicine	MD;PhD	Organization: Yap Therapeutics, Relationship: co-founder, Role: co-founder and owns shares
James	McCready	University Hospitals Sussex NHS Foundation Trust	MBBS	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
James	O'Hara	Virginia Heart	PhD;PA	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
James	Salazar	UCSF	MD	Nothing Relevant to Disclose
James	Tisdale	Purdue University/Pharmacy Practice	BPharm;PharmD	Nothing Relevant to Disclose
Jamie	Kay	Imperial College London	MBBS	Nothing Relevant to Disclose
Jan	Christoph	University of California San Francisco		Nothing Relevant to Disclose
Jan	Steffel	Hirslanden Clinic	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: WebMDGlobal, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CorXL, Relationship: Ownership/Partnership/Principal, Role:

Jan

Steffel

Swiss EP

MD

Ownership; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Alexion Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Berlin Chemie, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Organon, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: SAJA Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Menarini Group, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: WebMDGlobal, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CorXL, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Alexion Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Berlin Chemie, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Organon, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: SAJA Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role:

Jana	Grune	Charité – Universitätsmedizin Berlin		Consulting; Organization: Menarini Group, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Janet	Han	UCLA / VA Greater Los Angeles	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Janette	Strasburger	Children`s Hosp of Wisconsin	MD	Nothing Relevant to Disclose
Janice	Chyou	Icahn School of Medicine at Mount Sinai	MD	Nothing Relevant to Disclose
Jasbir	Sra	St Luke`s Medical Center	MD	Organization: KODEX -EPD, Medtronik, Ablamap, Cardiofocus, Biosense webster, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Program Director ECG summitt for the fellows Non CME event
Jason	Andrade	Vancouver General Hospital	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research)
Jason	Zagrodzky	TCA	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Attune Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Javier	Banchs	Texas A&M College of Medicine - Scott and White Program	MD	Nothing Relevant to Disclose
Jayakumar	Sahadevan	Case Western Reserve University	MD	Nothing Relevant to Disclose
Jayanthi	Koneru	VCU Medical Center, Cardiology	MBBS	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Honoraria; Organization: Baylis Medical

Jayasree JC	Pillariseti Pachon-M	UT health San Antonio São Paulo University - USP	MD MD;PhD	Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose Organization: Personalis, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: There is nothing to be disclosed
Jean-Francois	Roux	Unversity of Sherbrooke	MD	Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: NovoNordisk, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Jean-Francois	Sarrazin	Quebec Heart and Lung Institut	MDCM	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jeanne	Poole	Univ of Washington School of Medicine	MD	Organization: Kestra, Inc, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: research funding paid directly to the institution. Ongoing efforts; Organization: AtriCure, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research consulting paid directly to the institution; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: On a research grant directly to the institution that is specifically for a rhythm adjudication committee; Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research grant directly to the institution
Jeffrey	Healey	Boston Scientific	MD	Organization: Pfizer, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Alliance funding SAME grant as BMS above; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Bristol-Myers Squibb, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Jeffrey	Healey	Population Health Research Institute	MD	Organization: Pfizer, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Alliance funding SAME grant as BMS above; Organization: Boston Scientific,

				Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Bristol-Myers Squibb, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Jeffrey	Kim	Texas Children`s Hospital	MD	Nothing Relevant to Disclose
Jeffrey	Winterfield	MUSC	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Jennifer	Chee	Tufts Medical Center	MD	Nothing Relevant to Disclose
Jennifer	Silva	Washington University SOM	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: SentiAR, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: SentiAR, Inc., Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: SentiAR, Inc., Relationship: Stocks – Privately Held, Role: Ownership; Organization: SentiAR, Inc., Relationship: Stocks – Privately Held, Role: Ownership; Organization: Cardialen, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: DSMB, CECC; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Excera, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Ownership; Organization: Excera, Inc., Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Excera, Inc., Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: UN&UP, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Subcontract for research, Comments: Paid to WUSTL; Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jennifer	Wright	University of Wisconsin	MA;MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Edwards Lifesciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Jens Cosedis	Nielsen	Professor, Aarhus University	DSC;MD	Nothing Relevant to Disclose
Jeremy	Moore	UCLA Medical Center	MD;MS	Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jeroen	Hendriks	Centre for Heart Rhythm Disorders, Flinders University & Royal Adelaide Hospital	PhD;RN	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Flinders University have received this amount on my behalf.
Jessica	Batista	FDA	BS;MS	Nothing Relevant to Disclose
Jessica	Caldwell	UC Davis	PhD	Nothing Relevant to Disclose
Jessica	Mullenix	Durham VA Medical Center	MSN;NP	Nothing Relevant to Disclose
Jessica	Rove	University of Colorado		Nothing Relevant to Disclose
Jiangang	Zou	The First Affiliated Hospital of Nanjing Medical University, Cardiology	MD;PhD	Nothing Relevant to Disclose
Jie	Cheng	Texas Heart Institute	MD;PhD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research); Organization: Chelak Medical Solutions, Relationship: Ownership/Partnership/Principal, Role: Management Position
Jill	Schaeffer	Penn Medicine Lancaster General Health - The Heart Group	MSN;CRNP	Organization: CHART Healthcare Academy, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jim	Cheung	Weill Cornell Medicine	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jin	Li	University of Bern		Organization: BioMarin, Inc, Relationship: Salary from Employment, Role: Employment
Jodie	Hurwitz	North Texas Heart Center	MD	Nothing Relevant to Disclose
Joel	Dunning	james cook university hospital	Phd	Nothing Relevant to Disclose

JoEllyn	Moore	Minneapolis Heart Institute Abbott Northwestern Hospital, part of Allina Health	MD	Nothing Relevant to Disclose
Johanna	Tonko	University College London	MD	Nothing Relevant to Disclose
John	Barnard	Cleveland Clinic	PhD	Nothing Relevant to Disclose
John	Barnard	Cleveland Clinic / Quantitative Health Sciences	PhD	Nothing Relevant to Disclose
John	Catanzaro	East Carolina University Health	MBA;MD	Organization: Aziyo Biologics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
John	Miller	Indiana University School of Medicine	MD	Organization: Biosig Technologies, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MediLynx, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Physcade, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Vektor Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
John	Rickard	John Rickard MD MPH MBA	MBA;MD;MPH	Organization: St. Jude Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
John	Sapp	QE II Health Sciences Centre	MD	Organization: Varian Medical Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Medtronic sponsored Fellows' course speaking; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research

John	Triedman	Children's Hospital Boston, Cardiology	MD	Organization: UpToDate, Inc., Relationship: Royalty Income, Role: Editor/Author; Organization: SentiAR, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Intention to enter contract in coming year, anticipated income in 2020 will be <\$2,500; Organization: Biosense Webster, Inc., Relationship: Institutional payments for provision of technical training, Role: Consulting, Comments: \$1500 per site visit for observer visits to discretionary research/education fund, <\$10,000/year over last 3 years
John	Windle	Univ of Nebraska Medical Center, Cardiology Dept	MD	Nothing Relevant to Disclose
John-Ross	Clarke	Beth Israel Deaconess Medical Center	MBBS	Nothing Relevant to Disclose
Jonah Jonathan	Majumder Ariyaratnam	Columbia University Centre for Heart Rhythm Disorders, University of Adelaide	BChir;MA;MB	Nothing Relevant to Disclose Nothing Relevant to Disclose
Jonathan	Dukes	Community Memorial Hospital	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Jonathan	Hsu	University of California, San Diego, Cardiac Electrophysiology Section	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Vektor Medical, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor

				(including contracted research); Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Viz.AI, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Hillrom, Incl, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: Relationship ended > 12 months ago
Jonathan	Kalman	Royal Melbourne Hospital	MBBS;PhD	Organization: Zoll Medical Corporation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research support for investigator initiated research protocol
Jonathan	Piccini	Duke University Medical Center	MD;MHS	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: No Longer Active; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Grant to Duke for which I serve as the PI.; Organization: Philips, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Grant to Duke for which I serve as the PI.; Organization: Element Science, Inc, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Data Safety & Monitoring Board; Organization: iRhythm Technologies, Relationship: Research (Contracted Grants for PIs

				and Named Investigators only), Role: Research, Comments: Grant to Duke for which I serve as the PI.; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AbbVie, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: LivaNova, Relationship: Honoraria/Speaking/Consulting Fee, Role: Events adjudication; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: ElectroPhysiology Frontiers, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Content editor.; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Data safety and monitoring board
Jordan	Ezekian	Hospital for Sick Children	MD;MPH	Nothing Relevant to Disclose
Jordan	Leyton-Mange	MaineHealth Cardiology	MD	Nothing Relevant to Disclose
Jose	Huizar	Richmond VA Medical Center	MD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: This is a research grant supporting current translational research
Jose	Joglar	UT Southwestern Med. Ctr. Dall	MD	Nothing Relevant to Disclose
Jose	Merino	La Paz University Hospital	MD;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: MicroPort Scientific Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Atrial fibrillation advice; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Jose	Molledo	Sanatorio Finochietto	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BIOMAKERS, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship:

Jose	Osorio	Arrhythmia Institute at Grandview	MD	<p>Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: No incomes in the last 12 months</p> <p>Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: AtriCure, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Jose	Osorio	HCA Florida Miami	MD	<p>Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: AtriCure, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named</p>

Josef	Kautzner	IKEM Prague	MD;PhD	Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Affera, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Affera, Inc., Relationship: clinical studies, Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Speakers' Bureau, Role: Speaking and Teaching
Joshua	Cooper	Temple University Health System	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Educational content; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Creation of educational content for on-line modules/programs; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Consulting, HRS-co-sponsored educational events (including co-chair of sessions); Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: On Several Committees for Clinical Trials; Organization: Labcorp, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Joshua	Moss	UCSF	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Haemonetics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Moderna Therapeutics, Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Joshua	Silverstein	Allegheny Health Network	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medical Device Business Services, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
JUAN	ZERPA ACOSTA	Hospital do Coracao	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Proctorship in new technologies and fellows training
Judith	Mackall	University Hospitals Cleveland Medical Center	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Co-chair the Women in EP Program annually
Julia	Indik	University of Arizona Medical Center (CVD)	MD;PhD	Nothing Relevant to Disclose
Julia JULIA	Ramírez CADRIN- TOURIGNY	University of Zaragoza Montreal Heart Institute	MD;PhD	Nothing Relevant to Disclose Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: LEXEO Therapeutics Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Julie	Rennison	Cleveland Clinic	PhD	Nothing Relevant to Disclose
Julie	Shea	Brigham and Women`s Hospital,	MS;ANP	Nothing Relevant to Disclose
Julie	Thomas	North Shore University Hospital-Northwell Health	PAC	Nothing Relevant to Disclose
Justin	Wallet	Leiden University Medical Center, Leiden, the Netherlands	MD	Nothing Relevant to Disclose
Kalyanam	Shivkumar	UCLA Health System	MD;PhD	Organization: nference, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: I am am consultant for this start up; Organization: NeuCures, Relationship: Stock Options – Privately Held (including start-up companies), Role: Ownership, Comments: start up company; Organization: Anumana, Relationship: Salary from Employment, Role: Consulting, Comments: I serve as

Kamal	Sethi	Delhi Heart and Lung Institute	MD	consultant as a part of the agreement following their acquisition of a UCLA start up Nothing Relevant to Disclose
Kamala	Tamirisa	Texas Cardiac Arrhythmia	MD	Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: AFIB Management; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Abbott covered travel expenses for Women in EP conference in Greenville, SC; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Kara	Motonaga	Stanford University	MD	Nothing Relevant to Disclose
Karel	Breeman	Amsterdam UMC, location AMC	MD;MSci	Organization: Medtronic, Inc., Relationship: Travel/Entertainment, Role: Research; Organization: KNAW Medical Sciences Fund, Royal Netherlands Academy of Arts & Sciences, Relationship: Fellowship Support, Role: Research.
Karin	Sipido	KU Leuven - Lab Exp Cardiology	MD;PhD	Nothing Relevant to Disclose
Karli	Gillette	University of Graz		Nothing Relevant to Disclose
Kars	Neven	Alfried Krupp Hospital	MD;PhD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Field Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Membership on Advisory Committees or Review Panels; Organization: Lifetech Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Karyn	Austin	University of California at San Francisco	MD;PhD	Nothing Relevant to Disclose
Katherine	Martinez	Mayo Clinic		Nothing Relevant to Disclose
Katherine	Murray	Vanderbilt Medical Center	MD	Organization: Metabolic Technologies, Inc, Relationship: Intellectual Property Rights, Role: Patent application
Kathleen	Jay	Boston Children's Hospital	NP	Nothing Relevant to Disclose
Kathryn	Collins	Children's Hospital Colorado	MD	Nothing Relevant to Disclose
Kathryn	Waddell-Smith	Flinders Medical Centre	MBBS;PhD	Nothing Relevant to Disclose
Kathryn	Waddell-Smith	SA Health	MBBS;PhD	Nothing Relevant to Disclose
Kathy	Loveless	Advocate Health	DNP	Nothing Relevant to Disclose

Katia	Dyrda	Montreal Heart Institute, Université de Montréal	BENG;MD;MSci	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Katie	Jaschke	The University of Kansas Health System	NP	Nothing Relevant to Disclose
Katie	Stewart	Massachusetts General Hospital	MS	Nothing Relevant to Disclose
Katsuhide Kenneth	Hayashi Bilchick	Cleveland clinic University of Virginia Health System	MD;PhD MD;MS	Nothing Relevant to Disclose Organization: Siemens Heathcare, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Kenneth	Ellenbogen	Virginia Commonwealth University Medical Center	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated at HRS 2023. May 2023; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Terminated at HRS 2023. May 2023; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Terminated April 2023; Organization: Hylomorph, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated January 2023; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated April 2023; Organization: MediLynx, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated in 2022; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Terminated at HRS 2023. May 2023; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Terminated at HRS 2023. May 2023; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Terminated in February 2023; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory

				Committees or Review Panels, Comments: Terminated in 2023 prior to May 2023; Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated in January 2023; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Terminated in May 2022; Organization: Medpace, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Terminated in January 2023; Organization: General Electric, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Kenneth	Laurita	Case Western Reserve Univ	PhD	
Kenneth	Mayuga	Cleveland Clinic Foundation	MD	Nothing Relevant to Disclose
Kevin	Jackson	Duke University Medical Center	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Kevin	Kwaku	Dartmouth Health	MD;PhD	Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Study Steering Committee; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Local Principal Investigator for APPRAISE -ATP , Interrupt-AF Trials; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Anthos Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Kevin	Thomas	Duke University Medical Center	MD	Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Kevin	Vernooy	Maastricht University Medical Center		Organization: Medtronic, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Khanh-Van	Tran	UMass Chan Medical School		Nothing Relevant to Disclose
Koji Konstantinos	Higuchi Siontis	CLEVELAND CLINIC Mayo Clinic	MD;PhD MD	Nothing Relevant to Disclose Organization: Anumana, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research funding as PI (funds paid to institution); Organization: Anumana, Relationship: Intellectual Property Rights, Role: Co-inventor of AI ECG algorithm (HCM) that is licensed to Anumana; Organization: EBAMed SA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Varian Medical Systems, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Koonlawee	Nademanee	Pacific Rim EP Research Instit	MD	Organization: Biosense Webster, Inc., Relationship: Royalty Income, Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Krina Krishna	Shah Kancharla	NYU Langone Health University of Pittsburgh	MD MBBS	Nothing Relevant to Disclose Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: For Device 101 - Course Co-director; Organization: Varian Medical Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: DSMB
Krishna	Pundi	University of California, San Francisco	BS;MD	Organization: 100Plus, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Evidently, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Kristen	Campbell	Duke University Hospital	PharmD	Organization: Wolters Kluwer, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Kristen Krystina Kun	Patton Lewis Xiang	University of Washington University of Ottawa University of Florida Health	MD PhD;RN MD	Nothing Relevant to Disclose Nothing Relevant to Disclose Nothing Relevant to Disclose
Kyla	Dunn	Stanford Medicine Children`s Health	MS;CGC	Nothing Relevant to Disclose
Kyle	Zablocki	Medtronic CRDM	AD	Organization: Medtronic, Inc., Relationship: Salary from Employment, Role: Employment
Kyoichiro Kyoko	Yazaki Soejima	The University of Utah Kyorin University School of Medicine	MD	Nothing Relevant to Disclose Organization: Medtronic Japan, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;

Lajja	Desai	Lurie Children's Hospital/Northwestern University	MD	<p>Organization: Abbott Japan, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic Japan, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p> <p>Nothing Relevant to Disclose</p>
Larry	Chinitz	NYU Langone Health	MD	<p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Larry	Jackson	Duke University Medical Center	MD;MHS	<p>Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Health Monitor, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p> <p>Nothing Relevant to Disclose</p>
Laura	Pannell	University of Bristol, Dept of Physiology and Pharmacology		Nothing Relevant to Disclose

Laurel	Racenet	Alaska Heart and Vascular Inst	MSN;FNP	Nothing Relevant to Disclose
Lauren	Rousseau	Brigham and Women's Hospital	MS;PAC	Organization: Medtronic, Relationship: Salary from Employment, Role: Consulting
Lauren	Sell	Children 's Hospital of Orange County	MSN;APRN;CPNP	Nothing Relevant to Disclose
Laurent	Macle	Montreal Heart Institute	MD	Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Lee	Eckhardt	University of Wisconsin, School of Medicine	MD	Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Chapter author
Lei	Li	University of Oxford		Nothing Relevant to Disclose
Leila	Laroussi	Sacre-Coeur Hospital	MD	Nothing Relevant to Disclose
Lia	Crotti	IRCCS Istituto Auxologico Italiano	MD;PhD	Organization: Bristol-Myers Squibb, Relationship: Member of Advisory Board, Role: Membership on Advisory Committees or Review Panels
Lin Yee	Chen	Cardiovascular Division, Department of Medicine	MD	Nothing Relevant to Disclose
Linda	Johnson	Lund University	PhD	Organization: MEDICALgorithmics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Acts as consultant Chief Scientific Officer
Linda	Knight	Children's Healthcare of Atlanta, Cardiology	MS;CGC	Nothing Relevant to Disclose
Linda	Ottoboni	SHC	PhD;CNS	Nothing Relevant to Disclose
Linda	Schwartz	Mayo Clinic Arizona, Heart Rhythm Services	BSN;RN	Nothing Relevant to Disclose
Lindsey	Haack	Children's National Hospital	MD	Nothing Relevant to Disclose
Lindsey	Malloy-Walton	Children`s Mercy Hospital and	DO;MPH	Nothing Relevant to Disclose
Linwei	Wang	Rochester Institute of Technology	PhD	Nothing Relevant to Disclose

Lisa	Albertini	Toronto General Hospital- UHN	MD;MS	Nothing Relevant to Disclose
Lisa	Roelle	Washington University in St. Louis	PAC	Nothing Relevant to Disclose
Litsa	Lambrakos	UHealth - University of Miami Hospital System	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Li-Wei	Lo	Taipei Veterans General Hospital	MD;PhD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Lluis	Mont	Hospital Clínic, Universitat de Barcelona.	MD;PhD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: ADAS 3D, Relationship: Stocks – Privately Held, Role: Ownership; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Corify Health Care S.L., Relationship: Stocks – Publicly Traded, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Lorenzo	Bianchini	Centro Cardiologico Monzino IRCCS, Milan, Italy		Nothing Relevant to Disclose
Louise	Segan	Alfred Health		Nothing Relevant to Disclose
Louise	Segan	Alfred Health	MBBS;MPH	Nothing Relevant to Disclose
Lucas	Boersma	St Antonius Hospital	MD;PhD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: fees go to cardiology department; Organization: Adagio Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: fees go to cardiology department; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: fees go to cardiology department; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: fees go to the Cardiology Department

Luigi	Di Biase	Albert Einstein College of Medicine at Montefiore Health System	MD;PhD	Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Luigi	Pannone	UZ Brussel	MD	Nothing Relevant to Disclose
Lyle	Larson	University of Washington	PhD;PAC	Nothing Relevant to Disclose
Lynne	Stevenson	Vanderbilt University Medical Center	MD	Organization: LivaNova, Relationship: Chair of DSMB for trial, Role: Research
Maarten	Kolk	Amsterdam University Medical Centers	MD;MS	Nothing Relevant to Disclose
Madeleine	Oster	Stanford Healthcare	DNP;MBA	Nothing Relevant to Disclose
Mads	Kronborg	Aarhus Universitetshospital Skeiby		Nothing Relevant to Disclose
Mahsima	Shabani	Vanderbilt University Medical Center		Nothing Relevant to Disclose
Mandeep	Bhargava	Cleveland Clinic	MD	Nothing Relevant to Disclose
Mansour	Razminia	Ascension St. Joseph Hospital	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Marc	Deyell	University of British Columbia	MD;MSci	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Kardium, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Aug 2021; Organization: Biosense Webster,

Marc	Miller	Mount Sinai School of Medicine	MD	Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Marcio	Figueiredo	University of Campinas (UNICAMP)	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Marco	Perez	Stanford University	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
				Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Teaching course on subcutaneous ICD implant and discussant on COVID impact.; Organization: Apple Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting fees over the last year.; Organization: QALY, Relationship: Ownership/Partnership/Principal, Role: Consulting, Comments: Consulting work done for this startup in exchange for fees and <1% ownership.;
				Organization: Bristol Myers Squibb Foundation Diverse Clinical Investigator Career Development, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Gave educational talk and consulted regarding new pharmaceutical.;
				Organization: Thryv Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting for novel therapeutic.;
Marek	Jastrzebski	Jagiellonian University in Krakow	MD;PhD	Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
				Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Margaret	Harvey	UTHSC College of Nursing, UTMP Cardiology	PhD;ACNP	Nothing Relevant to Disclose
Margaret	Infeld	University of Vermont	MD;MS	Nothing Relevant to Disclose
María	Barrio-Lopez	University Hospital HM Montepincipe	MD;PhD	Nothing Relevant to Disclose
María	Terricabras Casas	Sunnybrook Health Sciences Centre	MD;MS	Organization: Medlumics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
María S	Guillem	Universidad Politécnica de Valencia,	PhD	Organization: Corify Care, Relationship: Honoraria/Speaking/Consulting Fee, Role: Employment, Comments: I am shareholder and have received honoraria

Marianna	Meo	Boston Scientific	PhD	Organization: Boston Scientific, Relationship: Salary from Employment, Role: Employment; Organization: EPD Solutions, Relationship: Salary from Employment, Role: Employment
Marie Elisabeth Gaup	Moe	NTNU		Organization: Alphabet Inc, Relationship: Salary from Employment, Role: Employment, Comments: Employed as Senior Consultant at Mandiant now part of Google Cloud
Marina Mark	Strocchi Anderson	Imperial College London The University of Chicago	MSci;PhD MD;PhD	Nothing Relevant to Disclose Organization: Cardurian, Relationship: Stock Options – Privately Held (including start-up companies), Role: Board Membership
Mark Mark	Elliott Estes	King's College London UPMC	BA;MBBS MD	Nothing Relevant to Disclose Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Fellows Education; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Physicians Safety and Quality Panel; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Director EP Fellowship Educational Program
Mark	Haigney	USUHS	MD	Organization: AstraZeneca, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Mark Mark	Levin Link	NHLBI, NIH UTSouthwestern Medical Center	MD MD	Nothing Relevant to Disclose Nothing Relevant to Disclose
Mark Mark	Link McCauley	UTSouthwestern.edu University of Illinois at Chicago	MD MD;PhD	Nothing Relevant to Disclose Nothing Relevant to Disclose
Mark	Schoenfeld	Yale Univ School of Medicine	MD	Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Between my spouse and myself we own >\$100K in equity
Marmar	Vaseghi	University of California, Los Angeles	MD;MS;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Recor Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Zoll Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: NeuCures, Relationship: Stocks – Privately Held, Role: Minor share holder, Comments: new start-up, worth of shares is unclear.

Martha	Ferrara	White Plains Hospital	DNP;FNP	Organization: Rhythm Management Group Corp, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Travel/Entertainment, Role: Pre-HRS Conference; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Martin	Bernier	McGill University Health Centre	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Sponsorship of event by Medtronic
Martin	Bishop	King`s College London	PhD	Nothing Relevant to Disclose
Martin	Burke	CorVita Science Foundation	DO	Organization: AtaCor Medical Inc, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Martin	Fiala	Center of Cardiovascular Care Brno	MD	Nothing Relevant to Disclose
Martin	Green	Univ of Ottawa Heart Institute	MD	Nothing Relevant to Disclose
Martin	LaPage	University of Michigan	MD;MS	Nothing Relevant to Disclose
Martin	Stiles	Waikato Hospital and University of Auckland	MBChB;PhD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Ceryx Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Martin	van Zyl	Royal Jubilee Hospital	MD	Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Martin	Arceluz	Hospital University of Pennsylvania	MD;PhD	Nothing Relevant to Disclose
Marwan	Refaat	American University of Beirut Medical Center, Department of Internal Medicine	MD	Nothing Relevant to Disclose
Mary	Maleckar	Simula Research Laboratory	PhD	Nothing Relevant to Disclose

Mary	Niu	University of Utah Health Sciences Center / Primary Children's Hospital	MD;MS	Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Stock, as part of investment portfolio.; Organization: Abbott Medical, Relationship: Stocks – Publicly Traded, Role: I own Abbott stock as part of my investment portfolio.
Mary Lee	Mattei	Beth Israel Lahey Hospital and Medical Cen	ACNP	Nothing Relevant to Disclose
Marye	Gleva	Washington University School of Medicine	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Clinical Events Committee; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: ECG Review Committee; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Electrogram review committee
Matthew	Hanson	Queens University, Kingston General Hospital		Nothing Relevant to Disclose
Matthew	Kalscheur	University of Wisconsin	MD	Nothing Relevant to Disclose
Matthew	Magoon	University of Washington	BS	Nothing Relevant to Disclose
Matthew	O'Neill	Vanderbilt University School of Medicine	BS	Nothing Relevant to Disclose
Matthew	Reynolds	Lahey Hospital & Medical Center	MD;MS	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Edwards Lifesciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Affera, Inc., Relationship: DSMB member, Role: Membership on Advisory Committees or Review Panels
Matthew	Segar	Texas Heart Institute	MD;MS	Organization: Merck, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Matthew	Thomas	University of Virginia	MS	Organization: Genome Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Membership on Advisory Committees or Review Panels
Matthew	Williams	Rady Children`s Hospital San Diego/UCSD	MD	Nothing Relevant to Disclose
Matthew	Zipse	University of Colorado Anschutz Medical Campus	MD	Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization:

Matthias Mully	Nahrendorf Shah	Harvard University Childrens Hospital of Philadelphia	MBBS	Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: I will be participating in a research project by Medtronic, Inc.; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: I have not received any fees for my role as consultant; Organization: IBHRE, Relationship: Honoraria/Speaking/Consulting Fee, Role: test writing committee, Comments: There is an honoraria but I have not received it Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Mauricio	Scanavacca	Heart Insitutute (InCor), São Paulo University Medical School	MD	
Maxime	Cerantola	Hôpital du Sacré-Coeur de Montréal	BPharm;MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Mayer	Rashtian	Huntington Memorial Hospital	MD	Organization: abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: money went to institution; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Megan	Labreck	Ohio Health	PharmD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Meghan	Turchioe	Columbia University	MPH;PhD;RN	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Melanie Melanie	Burg Gunawardene	Mater Dei Hospital Asklepios Hospital St. Georg	MD;MSci	Nothing Relevant to Disclose Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Travel/Entertainment, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Emerge-Cryo-Study, Co-PI, financed by Medtronic; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Board Membership; Organization: Medtronic, Relationship:

Mélèze	HOCINI	University Hospital Bordeaux, Electrical and Heart Modeling Institute (LiryC)	MD	Honoraria/Speaking/Consulting Fee, Role: Board Membership; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Lumavision, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Melissa	Harding	South Shore University Hospital	PAC	Nothing Relevant to Disclose
Melissa	Middeldorp	university of adelaide	MPH;PhD	Nothing Relevant to Disclose
Melissa	Nagy	Allegheny Health Network		Nothing Relevant to Disclose
Melissa	Robinson	None	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Melissa	Robinson	Samaritan Health System	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels

Mellanie Melvin	Hills Scheinman	StopAfib.org Univ of California-San Francisco, Cardiac EP	BChir;MD	Nothing Relevant to Disclose Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 1/30/2019
Melvin	Scheinman	Univ of California-San Francisco, Cardiac EP	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 1/30/2019
Mervat Micah Michael	Nabih Tatum Ackerman	Ain Shams university University of Washington Mayo Clinic	MD MD MD;PhD	Nothing Relevant to Disclose Nothing Relevant to Disclose Organization: AliveCor, Relationship: Intellectual Property Rights, Role: Consulting, Comments: This is a Mayo Clinic-AliveCor licensing agreement for which as of 04/08/2019, none of the Mayo "inventors" including myself have received any money.; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Nothing in the past 12 months. In previous years, received on average \$2000-3000 per year for consultant honoraria.; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Content for Long QT Syndrome; Organization: ARMGO Pharma, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Anumana, Relationship: Intellectual Property Rights, Role: Consulting; Organization: Pfizer, Inc., Relationship: Intellectual Property Rights, Role: Consulting; Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Thryv Therapeutics, Relationship: Royalty Income, Role: Consulting; Organization: BioMarin, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Illumina, Relationship:

				Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Solid Biosciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Michael	Cain	Univ at Buffalo	MD	Nothing Relevant to Disclose
Michael	Glikson	Shaare Zedek Med Ctr	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Michael	Gold	MUSC	MD;PhD	Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consultant and steering committee of clinical trials; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: I have consulting fees and speaker fees with BSC, as well as participation on
Michael	Hoosien	Piedmont Heart Institute	MD;MSci	Nothing Relevant to Disclose
Michael	Lim	Royal Melbourne Hospital	MBBS	Nothing Relevant to Disclose
Michael	Orlov	Steward St Elizabeth Med Ctr o	MD;PhD	Nothing Relevant to Disclose
Michael	Riley	Wellstar Cardiovascular Medicine	MD	Organization: Janssen Pharmaceuticals, Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: Part of Speakers Bureau, inactive since 2021; Organization: AtriCure, Inc., Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: Part of Speakers/Faculty Panel
Michael	Rosenberg	University of Colorado Anschutz	MD	Nothing Relevant to Disclose
Michael	Shehata	Cedars Sinai Smidt Heart Institute	MD	Organization: General Electric, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Michael	Spartalis	National and Kapodistrian University of Athens		Nothing Relevant to Disclose
Michael	Spartalis	Onassis Cardiac Surgery Center	MD;MS	Nothing Relevant to Disclose
Michel	Haissaguerre	CHU Bordeaux	MD;PhD	Nothing Relevant to Disclose
Michelle	Jaeger	Northwell	DNP;ANP;CCRN	Nothing Relevant to Disclose

Miguel	Valderrabano	Houston Methodist Hospital	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Circa Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Mihail	Chelu	Baylor College of Medicine	MD;PhD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Impulse Dynamics USA, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Mikhael	El-Chami	Emory University, School of Me	MD	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI on studies.; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: In addition to food/beverage provided during meetings; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Institutional research funds. No personal payments (no payments for myself); Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: 16000 consulting fees. In addition to travel to meetings and food/beverage provided during meetings
Mina	Chung	Cleveland Clinic, Dept of Card	MD	Organization: Wolters Kluwer - UpToDate, Relationship: Royalty Income, Role: Author, Comments: UpToDate author; Organization: Cardiometabolic Health Congress, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: CME course 1/29/2022; Organization: Kansas City Heart Rhythm Symposium, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Minglang	Yin	Johns Hopkins University	PhD	Nothing Relevant to Disclose
Minglang	Yin	JOHNS HOPKINS UNIVERSITY	PhD	Nothing Relevant to Disclose

Mingxiao	Li	Beijing Anzhen Hospital Capital Medical University		Nothing Relevant to Disclose
Mintu	Turakhia	iRhythm Technologies / Stanford University	MD;MS	Organization: Bristol-Myers Squibb, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: > 100k -mv; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Sanofi, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: 100Plus, Relationship: Stocks – Privately Held, Role: Board Membership; Organization: iRhythm Technologies, Relationship: Salary from Employment, Role: Employment
Miruna	Popa	IHU LIRYC Electrophysiology and Heart Modeling Institute, University of Bordeaux	MD	Nothing Relevant to Disclose
Mitchell	Cohen	INOVA CHILDREN'S CARDIOLOGY	MD	Nothing Relevant to Disclose
Mohamed	Elshazly	Medical University of South Carolina	MD	Nothing Relevant to Disclose
Mohamed	Jeilan	Aga Khan Hospital		Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Mohamed	Kanj	Cleveland Clinic	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Mohit	Turagam	Icahn School of Medicine at Mount Sinai	MD	Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Molly Monica	Sachdev Pammer Austin	Washington University Penn Medicine Chester County Hospital	MD;MPH PAC	Nothing Relevant to Disclose Organization: CHART Healthcare Academy, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Monika	Do	Vanderbilt University Medical Center	DNP	Nothing Relevant to Disclose
Morio	Shoda	Tokyo Women`s Medical University	MD;PhD	Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Moritz	Nies	Icahn School of Medicine at Mount Sinai		Nothing Relevant to Disclose

Moussa	Mansour	Massachusetts General Hospital	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: KODEX -EPD, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: NewPace Ltd, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Siemens, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boehringer Ingelheim, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Muzahir	Tayebjee	Leeds teaching hospitals NHS trust		Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Na	Li	Baylor College of Medicine	PhD	Nothing Relevant to Disclose
Nadine Naeem	Ali Alshoaibi	Imperial College London King Abdulaziz University Hospital	MA MD	Nothing Relevant to Disclose Nothing Relevant to Disclose
Naga Venkata	Pothineni	Kansas City Heart Rhythm Institute	MD	Nothing Relevant to Disclose
Nassir	Marrouche	Tulane University School of Medicine	MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: DECAAF II sponsorship; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;

				Organization: Cardiac Design, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Sibling, CEO of Cardiac Design; Organization: Janssen Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: DECAAF II sponsorship
Natalia	Trayanova	JOHNS HOPKINS UNIVERSITY	PhD	Nothing Relevant to Disclose
Natasja	De Groot	Erasmus University		Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Biosense webster; speaking on a congress
Natasja	De Groot	Erasmus University Medical Center	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Biosense webster; speaking on a congress
Nathan	Denham	Toronto General Hospital	BM;PhD	Nothing Relevant to Disclose
Nazem	Akoum	University of Washington	MD;MS	Nothing Relevant to Disclose
Neil	Connery	Yale New Haven Hospital	MSN;APRN	Nothing Relevant to Disclose
Newton	Wiggins	The Chattanooga Heart Institute	MD	Nothing Relevant to Disclose
Nicholas	Peters	St Marys Hospital, Imperial College, Dept of Cardiology	MD	Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Nicholas	Von Bergen	University of Wisconsin	MD	Organization: Atrility Medical, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Founder; Organization: AltaThera Pharmaceuticals, Relationship: Clinical Advisory Board, Role: Membership on Advisory Committees or Review Panels
Nicolae	Moise	Ohio State University	MD	Nothing Relevant to Disclose
Nicole	Habel	University of Vermont Medical Center	MD;PhD	Organization: CoreMap, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CoreMap, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: VisibleEP, Relationship: Ownership/Partnership/Principal, Role: Ownership

Niels	Voigt	University Medical Center Göttingen	MD	Nothing Relevant to Disclose
Nikhil	Munshi	University of Texas Southwestern Medical Center		Nothing Relevant to Disclose
Nikki	Posnack	Sheikh Zayed Institute	PhD	Nothing Relevant to Disclose
Nikolaos	Dagres	University Leipzig - Heart Center	MD	Nothing Relevant to Disclose
Nino	Isakadze	Johns Hopkins		Nothing Relevant to Disclose
Nino	Isakadze	Johns Hopkins	MD	Nothing Relevant to Disclose
Nipavan	Chiamvimonvat	Univ of California at Davis, Cardiology	MD	Nothing Relevant to Disclose
Niraj	Varma	Cleveland Clinic	MD;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Implicity, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: EP Solutions, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Pacemate, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research)
Nishaki	Mehta	Corewell William Beaumont University Hospital	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Research Grant Support, Role: Research; Organization: S4 Medical, Relationship: Intellectual Property Rights, Role: IP on original patent for device resolution; Organization: Kardium, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: conducted research; Organization: Medscape, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: creation of educational content; Organization: Boston

Nitish	Badhwar	Stanford University	MBBS	Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research) Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: teaching course for fellows; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: teaching course for fellows; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Nobuhiro	Nishii	Okayama University	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Nolan Nyree	Hight Sencion-Akhtar	CCF Westchester Medical Center	FNP DNP;MSN	Nothing Relevant to Disclose
Ogundu	Ngwu	Kaiser Permanente Cardiology Office	MD	Nothing Relevant to Disclose
Oguz	Akbilgic	Wake Forest School of Medicine		Nothing Relevant to Disclose
Olivier Olujimi	Bernus Ajjola	University of Bordeaux University of California, Los	PhD MD;PhD	Nothing Relevant to Disclose Organization: NeuCures, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: New company, no actual value at present; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Merck, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: n/a; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: nference, Inc., Relationship: Stocks – Privately Held, Role: Ownership; Organization: Anumana, Relationship: Stocks – Privately Held, Role: Ownership; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Oluwaseun	Adeola	Cardiology Clinic of San Antonio	MD;MPH	Nothing Relevant to Disclose
Oluwaseye	Oladimeji	Lagos State University Teaching Hospital	MBBS	Nothing Relevant to Disclose
Omar	Meziab	University of Arizona	MD	Nothing Relevant to Disclose

Omer	Berenfeld	University of Michigan	PhD	Organization: Cor-DX, LLC, Relationship: Ownership/Partnership/Principal, Role: Research; Organization: CoreMap, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research)
Oscar	Oseroff	Bazterrica Clinic, Electrophys	MD	Nothing Relevant to Disclose
Oussama	Wazni	Cleveland Clinic	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Paari	Dominic	University of Iowa Hospitals & Clinics	MBBS	Nothing Relevant to Disclose
Pablo	Nery	University of Ottawa Heart Institute	MD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Pamela	Mason	Univ of Virginia Health System	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Spouse owns stock.; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Paolo	Compagnucci	Marche Polytechnic University	MD	Nothing Relevant to Disclose
Paolo Parikshit	Della Bella Sharma	Ospedale San Raffaele Rush University Medical Center	MD MD;MPH	Nothing Relevant to Disclose Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Parin	Patel	Ascension St Vincent Heart Center	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Pasquale	Santangeli	Cleveland Clinic Foundation	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Includes research activities; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship:

Patricia	Munroe	Queen Mary University of London	BS;MSci;PhD	Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosig Technologies, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Asahi Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Patricia	Tung	Beth Israel Deaconess Medical Center	MD;MPH	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: February 2019 consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Next Generation Technology Advisory Board February 2021; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Sana Biotechnology, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Dr. Boyle's lab was engaged in a sponsored research agreement (SRA) with Sana. The SRA was active from 4/2021 to 3/2022.
Patrick	Boyle	University of Washington	BS;PhD	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting related to therapeutic development for cardiovascular diseases; Organization: IBM, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Grant to the Broad related to ML for CVD; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Sponsored research support from Bayer to the Broad Institute.; Organization: NovoNordisk, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Sponsored research support from NovoNordisk to the Broad Institute.; Organization: BMS / Pfizer Alliance, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Sponsored research support to MGH.
Patrick	Ellinor	Massachusetts General Hospital	MD;PhD	Nothing Relevant to Disclose
Patrik Paul	Bachtiger Friedman	Imperial College London Mayo Clinic	MD	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research), Comments: Previously had performed compensation for research; currently no personal compensation for PI

				<p>role in multi center study; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: No personal compensation; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: All funds to Mayo Clinic, no personal compensation; Organization: AliveCor, Relationship: Intellectual Property Rights, Role: Intellectual property rights, Comments: Via Mayo Clinic; licensed IP; Organization: Anumana, Relationship: Intellectual Property Rights, Role: Membership on Advisory Committees or Review Panels, Comments: Licensed IP and advisory all managed via Mayo Clinic; Organization: AliveCor, Relationship: Intellectual Property Rights, Role: Independent Contractor (including contracted research), Comments: Intellectual Property Rights via Mayo Clinic; Organization: Inference, Relationship: Intellectual Property Rights, Role: Research, Comments: Intellectual Property Rights via Mayo Clinic; Organization: Medicool, Relationship: Intellectual Property Rights, Role: Board Membership, Comments: Intellectual Property Rights via Mayo Clinic; Organization: Eko, Relationship: Intellectual Property Rights, Role: Independent Contractor (including contracted research), Comments: Intellectual Property Rights via Mayo Clinic; Organization: Marani, Relationship: Intellectual Property Rights, Role: Research; Organization: XAI.health, Relationship: Intellectual Property Rights, Role: Board Membership; Organization: XAI.health, Relationship: Ownership/Partnership/Principal, Role: Management Position</p>
Paul	Gould	Princess Alexandra Hospital	MBBS;PhD	Nothing Relevant to Disclose
Paul	Khairy	Montreal Heart Institute	MDCM;PhD	Nothing Relevant to Disclose
Paul	Zein	Brigham and Women's Hospital	MD;PhD	<p>Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Varian Medical Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Affera, Inc., Relationship: Stock Options – Publicly Traded, Role: Consulting</p>
Paulus	Kirchhof	University Heart and Vascular Center Hamburg	MD	Nothing Relevant to Disclose
Paulus	Kirchhof	University Medical Center Hamburg-Eppendorf	MD	Nothing Relevant to Disclose

Pavel Pawel	Osmancik Derejko	Charles University Medicover Hospital, Warsaw, Poland	MD MD;PhD	Nothing Relevant to Disclose Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Adagio Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research); Organization: CardioVia, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Pawel	Moskal	University Hospital	MD;PhD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Pedram	Kazemian	Deborah Lung and Heart Center	MD;MPH;MS	Nothing Relevant to Disclose
Peng-Sheng	Chen	Cedars-Sinai Medical Center	MD	Nothing Relevant to Disclose
Peter	Aziz	Cleveland Clinic Foundation	MD	Nothing Relevant to Disclose
Peter	Fischbach	Emory University/Children's Healthcare of Atlanta	MA;MD	Nothing Relevant to Disclose
Peter Peter	Hanna Jessel	UCLA VA Portland Health Care System	MD;PhD MD	Nothing Relevant to Disclose Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Peter	Kistler	The Alfred Hospital Heart Cent	MBBS;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: EP training courses; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Peter	Kohl	University Heart Centre Freiburg * Bad Krozingen	MA;MD;PhD	Nothing Relevant to Disclose
Peter	Noseworthy	Mayo Clinic	MD	Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Ablation Trial - Study Investigator; Organization: Optum, Relationship: Honoraria/Speaking/Consulting Fee, Role: Expert Advisory Panel, Comments: Consulting Fees <\$5K; Organization: AliveCor, Relationship: Royalty Income, Role: Inventor, Comments: No current financial support - potential for equity/royalty; Organization: Patents Related to Application of AI to the ECG for diagnosis and risk stratification, Relationship: Royalty

Peter	Schwartz	Istituto Auxologico Italiano IRCCS	MD	Income, Role: Inventor, Comments: No current financial support - potential for equity/royalty Organization: Amgen, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cardurion, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Peter	Zimetbaum	Beth Israel Deaconess Medical Center	MD	Organization: Farapulse, Relationship: On the clinical events committee, Role: Independent Contractor (including contracted research), Comments: CEC member; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Petr	Neuzil	Na Homolce Hospital	MD;PhD	Organization: EBR Systems, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: NewPace Ltd, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: CardioFocus, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Apama Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Philipp	Sommer	Heart- and Diabetescenter NRW	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Phillip	Cuculich	Washington University in St. Louis	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Development for Cardioinsight noninvasive mapping system; Organization: Varian Medical Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Development for noninvasive

Phillip Pierce	Mar Vatterott	Saint Louis University Minneapolis Heart Institute	MD;PharmD MD	cardiac ablation platform; clinical trial development; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Nothing Relevant to Disclose Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Cook Medical, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Pierre	Jais	CHU Bordeaux, IHU LIRYC	MD	Organization: inHEART, Relationship: Ownership/Partnership/Principal, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Pierre	Jais	FBU-IHU Liryc _ CHU Bordeaux	MD	Organization: inHEART, Relationship: Ownership/Partnership/Principal, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Po-Tseng	Lee	National Cheng-Kung University Hospital	BM;MD	Nothing Relevant to Disclose
Prashanthan	Sanders	University of Adelaide	MBBS;PhD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator initiated research funding through the University of Adelaide; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator initiated research funding through the University of Adelaide; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator Initiated Research Funding through the University of Adelaide; Organization: Pacemate, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Membership on Advisory Committees or Review Panels, Comments: Medical Advisory Board Membership. Research Funding. All contracted through the University of Adelaide.; Organization: Becton Dickinson, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role:

				<p>Research, Comments: Investigator initiated research funding through the University of Adelaide; Organization: CathRx, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator initiated research funding through the University of Adelaide; Organization: Medtronic PLC, Relationship: Medical Advisory Board Contracted through the University of Adelaide, Role: Membership on Advisory Committees or Review Panels, Comments: Contracted through University of Adelaide; Organization: Boston Scientific, Relationship: Medical Advisory Board contracted through the University of Adelaide, Role: Membership on Advisory Committees or Review Panels, Comments: Contracted through the University of Adelaide; Organization: Pacemate, Relationship: Medical Advisory Board contracted through the University of Adelaide, Role: Membership on Advisory Committees or Review Panels, Comments: Contracted through the University of Adelaide; Organization: CathRx, Relationship: Medical Advisory Board contracted through the University of Adelaide, Role: Membership on Advisory Committees or Review Panels, Comments: Contracted through the University of Adelaide</p>
Prince	Kannankерil	Vanderbilt University Medical Center	MD;MS	Nothing Relevant to Disclose
Przemyslaw	Radwanski	The Ohio State University	PharmD;PhD	<p>Organization: NIH/NINDS, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI on R01NS121234; Organization: Gordon Research Conference, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Talk at the GRC on Cardiac Arrhythmias 2023 at Galveston, TX.</p>
Pugazhendhi	Vijayaraman	Geisinger Heart Institute	MD	<p>Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Rachel	Kaplan	Medical University of South Carolina	MD;MS	<p>Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels</p>

Rachel	Lampert	Yale Univ School of Medicine,	MD	Organization: MediLynx, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: last payment 5/23, resigned role at that time; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Site PI for industry multisite post-market registry, Comments: none to me, goes to the section of Cardiology
Rachel	Schreier	Vanderbilt Heart and Vascular	MSN;ACNP;APRN	Nothing Relevant to Disclose
Rafik	Tadros	Montreal Heart Institute	MD;PhD	Organization: Bristol-Myers Squibb, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Rahul	Doshi	Honor Health	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Acutus Medical Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Raja	Selvaraj	University of Toronto, Cardiology	MD	Nothing Relevant to Disclose
Rajat	Deo	University of Pennsylvania	MD	Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Rajesh	Kabra	Kansas City Heart Rhythm Institute	MD	Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Rajiv	Mahajan	University of Adelaide and Lyell McEwin Hospital	MD;PhD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: University of Adelaide receives these funds on behalf of Dr Mahajan; Organization: Bayer Healthcare Pharmaceuticals, Relationship:

Rakesh	Gopinathannair	Kansas City Heart Rhythm Institute (www.kchearrhythm.com)	MA;MD	Honoraria/Speaking/Consulting Fee, Role: Research, Comments: Honoraria for speaking at Clinical trial meeting Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Primarily for faculty at fellows/trainee programs and also for proctoring cases; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Primarily for faculty at fellows/trainee programs and also for proctoring cases; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: AtriCure, Inc., Relationship: Stocks – Publicly Traded, Role: Employment, Comments: Part-time medical director. Have both salary and stock.
Rakesh	Gopinathannair	KCHRI	MA;MD	Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Primarily for faculty at fellows/trainee programs and also for proctoring cases; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: AtriCure, Inc., Relationship: Stocks – Publicly Traded, Role: Employment, Comments: Part-time medical director. Have both salary and stock.
Randall	Lee	University of California, San Francisco, Cardiac EP	MD;PhD	Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching Organization: AtriCure, Inc., Relationship: Stocks – Publicly Traded, Role: Employment, Comments: Part-time medical director. Have both salary and stock.
Raphael Ratika	Martins Parkash	C.H.U. de Rennes QEII Health Sciences Center	MD MD;MS	Organization: Servier, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Novartis, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Ravi	Ranjan	University of Utah	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: This is a research grant to the University of Utah with RR (me) as the PI.; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Rebecca Rebecca	Miller Yapejian	Inova DOCS Health	BS;BSN;MSN;APRN;FNP	Nothing Relevant to Disclose Organization: Pacemate, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pacemate, Relationship: Salary from Employment, Role: Employment, Comments: Effective start date for full-time employment is 04/16/2023.
Reginald	Ho	Thomas Jefferson Univ Hospital	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Reina Reinoud	Tan Knops	NYU Langone Health Amsterdam UMC	MD MD;PhD	Nothing Relevant to Disclose Organization: AtaCor Medical Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cairdac, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Reinoud	Knops	AmsterdamUMC	MD;PhD	Organization: AtaCor Medical Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cairdac, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Rengasayee Renny Reza	Veeraraghavan Mullins Ashrafi	The Ohio State University Carient Heart & Vascular Liverpool heart and chest hospital	PhD	Nothing Relevant to Disclose Nothing Relevant to Disclose Nothing Relevant to Disclose
Riccardo	Cappato	IRCCS MultiMedica Group	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: St. Jude Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Bard Electrophysiology, Relationship: Speakers' Bureau,

				Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Nothing Relevant to Disclose
Richard	Czosek	Cincinnati Childrens Medical Center	MD	
Richard	Page	The University of Vermont	MD	Nothing Relevant to Disclose
Richard	Schilling	Barts heart centre	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Rhythm AI Ltd, Relationship: Stocks – Privately Held, Role: Ownership
Richard	Verrier	Harvard Medical School, BIDMC	PhD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Independent Contractor (including contracted research); Organization: LivaNova, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Ritu	Thamman	University of Pittsburgh		Nothing Relevant to Disclose
Robert	Hauser	Long Lake	BS;MD;CCS	Nothing Relevant to Disclose
Robert	Hipp	University of Pennsylvania	MBA;MS;PAC	Organization: BioTelemetry, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Cardiologs, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Robert	Rose	University of Calgary	PhD	Nothing Relevant to Disclose
Robert	Schaller	Hospital of the University of Pennsylvania	DO	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Robert	Sheldon	Univ of Calgary	BS;MD;PhD	Nothing Relevant to Disclose
Robin	Shaw	CVRTI, University of Utah	MD;PhD	Nothing Relevant to Disclose
Rod	Passman	Northwestern University	MD	Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: I receive no income from this; research support only; Organization: Apple Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: UpToDate, Inc., Relationship: Royalty Income, Role: AUTHOR; Organization: Medtronic,

Roderick	Tung	University of Arizona College of Medicine- Phoenix	MD	<p>Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2021 total; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2021 total; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2021 total; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2021 total; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2021 total; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: Sanofi, Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL; Organization: Siemens, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: 2022 TOTAL; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 2022 TOTAL</p>
Roger	Carrillo	Palmetto General Hospital	MBA;MD	<p>Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research</p>
Rohan	Khera			<p>Organization: Bristol-Myers Squibb, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research;</p>

Rohan	Khera	Yale		Organization: Novo Nordisk, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Evidence2Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Doris Duke Charitable Foundation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Rohan	Kumthekar	Nationwide Children's Hospital	MD	Organization: Bristol-Myers Squibb, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Novo Nordisk, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Evidence2Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Doris Duke Charitable Foundation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Roman	Piotrowski	Centre of Postgraduate Medical Education		Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: PeriCor, LLC, Relationship: Ownership/Partnership/Principal, Role: Ownership; Organization: Cyprium Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Ronald	Berger	The Johns Hopkins University	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Roopinder	Sandhu	University of Calgary	MD;MPH	Organization: Imricor, Relationship: Stocks – Publicly Traded, Role: Ownership
Rose Roy	Crowley Chung	Alfred Health Cleveland Clinic	MD	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Steering Committee OCEANIC AF. National PI for Canada
Roy	John	Stanford University	MD;PhD	Nothing Relevant to Disclose
Roya	Kamali	FieldMedical	PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Ruben	Coronel	Amsterdam University Medical Centres	MD;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Ryan	Bokan	Prima Medical, Inc	BS	Organization: Fieldmedical, Relationship: Salary from Employment, Role: Employment
				Nothing Relevant to Disclose

Ryan	Donovan	Yale Electrophysiology	PA	Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Honoraria for educational programs.; Organization: Boston Scientific, Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Stock
Sabina	Hadziabdulahovic	Cedars-Sinai Medical Center	MSN;NP	Nothing Relevant to Disclose
Sabine	Ernst	Royal Brompton and Harefield H	PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Stereotaxis, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: MediLumics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: LuxMed, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Sabyasachi Sahib	Bandyopadhyay Khalsa	Stanford University Laureate Institute	Post-doctorate	Nothing Relevant to Disclose Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: One time participation on an advisory panel related to pharmacotherapy for mental health.; Organization: Neuroscience School for Advanced Studies, Relationship: Received partial support for travel and lodging to teach at a week-long course, Role: Speaking and Teaching
Saket	Sanghai	Oregon Health & Science University	MBBS	Organization: Siemens Heathcare, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Investigator initiated grant; Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Stock; Organization: Alphabet Inc, Relationship: Stocks – Publicly Traded, Role: Stock; Organization: Amazon, Relationship: Stocks – Publicly Traded, Role: Stock; Organization: Intel inc, Relationship: Stock Options – Publicly Traded, Role: Employment, Comments: Spouse has stock options with Intel Inc; Organization: Advanced Micro Devices, Relationship: Stock Options – Publicly Traded, Role: Spouse was former employee and recvd stock options
Salah Sallie	Alahwany Gustafson	Ain Shams University Emory Healthcare	MD;MSci;PhD BSN	Nothing Relevant to Disclose Organization: Medtronic, Inc., Relationship: Consultant, Role: Consulting, Comments: Clinical consultant for workflows
Saman	Nazarian	The University of Pennsylvania	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI for research grant awarded to U Penn; Organization: Imricor, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI for research Grant

				awarded to U Penn; Organization: CardioSolv, LLC, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Circle Software, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: ADAS 3D, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI for research grant awarded to U Penn; Organization: Circle Software, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Janssen Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Dyne Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Sameer	Jamal	Hackensack University Medical Center	MD	Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Sami	Viskin	Tel Aviv Medical Center	MD	Organization: CardiacSense, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: This is a start-up company with zero value at present. I have not receive any salary or consulting fee or any other benefit since it was created; Organization: PcioECG, Relationship: Intellectual Property Rights, Role: Consulting, Comments: Start-up company with no commercial value as of today
Samir	Saba	University of Pittsburgh Medical Center	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: This is funding for a physician-initiated multi-site (up to 10 sites), US based RCT; Organization: Sensydia, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting
Sammy	Elmariah			Organization: Edwards Lifesciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Edwards Lifesciences, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Samuel	Dudley	University of Minnesota	MD;PhD	Nothing Relevant to Disclose
Samuel	Jones	Chattanooga Heart Institute	MD;MPH	Nothing Relevant to Disclose
Samuel	Levy	ECAS	MD	Nothing Relevant to Disclose

Samuel	Sears	East Carolina University	PhD	Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Thyrvе, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Milestone Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Sana	Al-Khatib	Duke University Medical Center	MD;MHS	Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: This amount was paid to my institution. This relationship ended on 6/30/2022.; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: This amount was paid to my institution. This relationship ended on 6/30/2022
Sandeep	Prabhu	Alfred Hospital and Baker Heart and Diabetes Institute	MBBS	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Advisory and Speaker Fees
Sanjay	Prasad	Royal Brompton and Harefield Hospitals		Nothing Relevant to Disclose
Sanjeev	Saksena	Rutgers'- Robert Wood Johnson Medical School	MBBS;MD	Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Independent Investigator Study Grant for the TAP-CHF trial
Sanjiv	Narayan	Stanford University	MD;PhD	Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: LifeSignals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: TDK Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Santiago	Valdes	Baylor College of Medicine	MD	Nothing Relevant to Disclose
Santiago	Villazon	Mass General Brigham		Nothing Relevant to Disclose
Sara	Cherny	Lurie Children's Hospital	MS;CGC	Nothing Relevant to Disclose
Sara	Royce	Food and Drug Administration	PhD	Nothing Relevant to Disclose

Sarah	Asaki	University of Utah/Primary Children's Hospital	MD	Nothing Relevant to Disclose
Sarah	Taylor	Sands Constellation Heart Institute	MD	Nothing Relevant to Disclose
Saranda	Nimani	University Hospital of Bern, University of Bern		Nothing Relevant to Disclose
Satish	Raj	764769881	MD;MS	Organization: Theravance, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Data for Abstract on Phase 2 Study Data; Organization: Argenx, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting regarding POTS; Organization: Regeneron, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Consulting about POTS; Organization: Amneal Pharmaceutical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Satoshi	Higuchi	University of California, San Francisco	MD;PhD	Nothing Relevant to Disclose
Saumil	Oza	St. Vincents Cardiology	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Volta Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pacemate, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Scott	Brancato	Providence Health	MD	Nothing Relevant to Disclose
Scott	Greenberg	Baylor College of Medicine	MD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
sepideh	khazaie	Cleveland Clinic		Nothing Relevant to Disclose
Sergio	Pinski	Cleveland Clinic of Florida, Department of Cardiology	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Shankar	Baskar	Cincinnati Children's Hospital	MD	Nothing Relevant to Disclose
Sharif	Omara	Leiden University Medical Center	MBBS	Nothing Relevant to Disclose
Sharon	Shen	Vanderbilt University	MD	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting

Shashank	Behere	Oklahoma University Health Sciences Center	MD;MS	Nothing Relevant to Disclose
Shih-Ann	Chen	Taipei Veterans General Hospit	MD	Nothing Relevant to Disclose
Shijie Shohreh	Zhou Honarbakhsh	Miami University Barts Heart Centre	PhD MBBS	Nothing Relevant to Disclose Organization: Rhythm AI Ltd, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: Co-founder and stakeholder in Rhythm AI Ltd
Shreya	Ramineni	Albert Einstein College of Medicine		Nothing Relevant to Disclose
Shubhayan	Sanatani	Children`s Heart Centre	BS;MD	Organization: Cardurion, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: Hourly rate, limited consulting starting this year
Shunmuga Sundaram	Ponnusamy	Velammal Medical College Hospital and Research Institute	MBBS;MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Silvia Silvia Giuliana	Marchiano Priori	University of Washington University of Pavia & ICS Maugeri	DPhil MD;PhD	Nothing Relevant to Disclose Organization: Cardurion, Relationship: Honoraria/Speaking/Consulting Fee, Role: Board Membership, Comments: Fee for participation in the Advisory Board and ad hoc consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Participation in the Advisory Board; Organization: BioMarin, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: I am a member of the Advisory board of the company
Sirena Sit-Yee	Bridges Kwok	Centennial Heart Hong Kong Children's Hospital	MPH;MSN;NP MBChB;MSci	Nothing Relevant to Disclose Nothing Relevant to Disclose
Sophia	Massin	University Health Network	BS;MSci	Nothing Relevant to Disclose
Sri	Sundaram	South Denver Cardiology Associates	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Heart Hero, Relationship: Ownership/Partnership/Principal, Role: Membership on Advisory Committees or Review Panels, Comments: There is no current valuation of the company. The plan is to go public in 3-5 years. At that time there will be a valuation.; Organization: North American Interconnect, Relationship: Ownership/Partnership/Principal, Role: Board Membership, Comments: The amount listed was for 2021. There is restructuring going on in the company. I will not receive any

Srinivas	Dukkipati	Mount Sinai Hospital	MD	<p>monies from my ownership in 2022. Fyi - the company makes a plastic surgery product. It does not make a cardiology product.; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p> <p>Organization: Manual Surgical Sciences, Relationship: Stocks – Privately Held, Role: Equity; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Royalty Income, Role: Payments for Farapulse Stock</p>
Stacey	Rentschler	Washington University in St. Louis	MD;PhD	Nothing Relevant to Disclose
Stacy	Westerman	Emory University	MD;MPH	Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Stanley	Nattel	Montreal Heart Institute	MD	<p>Organization: Long QT Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: No direct relationship to topic to be discussed.; Organization: GlaxoSmithKline, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Stavros	Mountantonakis	Northwell Health	MBA;MD	<p>Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Stavros	Stavrakis	University of Oklahoma Health Sciences C	MD;PhD	Nothing Relevant to Disclose
Stavros	Stavrakis	University of Oklahoma Health Sciences Center	MD;PhD	Nothing Relevant to Disclose
Stephen	Kingsmore	Rady Children's Hospital		<p>Organization: Rady Children's Institute for Genomic Medicine, Relationship: Salary from Employment, Role: Employment; Organization: Alexion Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Takeda, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Traverre Therapeutics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: inozyme, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: ultragenyx, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research;</p>

Steven	Mickelsen	University of Iowa Hospital	MD	<p>Organization: Sarepta Therapeutics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research;</p> <p>Organization: Sanofi, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research</p> <p>Organization: Cardionomic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research), Comments: I have a role on the steering comity and clinical trial work;</p> <p>Organization: Attune Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Royalty Income, Role: Inventor of Farapulse Technology, Comments: I received stock payouts related to Farapulse acquisition. Royalties are paid directly to the University of Iowa Research Foundation and a small portion is payed to my laboratory.;</p> <p>Organization: Field Medical, Relationship: Ownership/Partnership/Principal, Role: Ownership, Comments: I am the Founder of Field Medical Inc.;</p> <p>Organization: Acutus Medical Inc, Relationship: Salary from Employment, Role: Employment, Comments: Chief Translational Science Officer;</p> <p>Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Steven	Poelzing	Virginia Tech	PhD	Nothing Relevant to Disclose
Sumeet	Chugh	Cedars-Sinai, Los Angeles	MD	Nothing Relevant to Disclose
Sumeet	Mainigi	Einstein Medical Center	MD	<p>Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Calendar Year 2021;</p> <p>Organization: Medtronic, Inc., Relationship: Stocks – Publicly Traded, Role: Employment, Comments: Own Medtronic stock;</p> <p>Organization: Johnson and Johnson, Relationship: Stocks – Publicly Traded, Role: Ownership, Comments: Own stock in J and J</p>
Suneet	Mittal	The Valley Hospital	MD	<p>Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: AltaThera Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: BMS / Pfizer Alliance, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021;</p> <p>Organization: CathVision,</p>

				<p>Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: CVRx Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Haemonetics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Implicity, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: BioTelemetry, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: iRhythm Technologies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: ScottCare Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Vektor Remote Care, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021; Organization: Viz.AI, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Since August 29, 2021</p>
Sunny	Po	Sunny Po, MD; Professor of Medicine; University of Oklahoma Health	MD;PhD	<p>Organization: NanoMed Targeting System, Relationship: Intellectual Property Rights, Role: Ownership, Comments: holding patent;; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Suraj	Kapa	Mayo Clinic	MD	<p>Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Myant Canada, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: TripleBlind, Relationship: Salary from Employment, Role: Employment, Comments: I work full-time here now</p>
Susan	Etheridge	Univ of Utah, Dept Pediatric Cardiology	MD	<p>Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Chapter writer</p>

Susan	Etheridge	Univ of Utah, Dept Pediatric Cardiology	MD	Organization: UpToDate, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Chapter writer;
Suzanne	Feigofsky	Iowa Heart Center	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Syamkumar	Divakara Menon	McMaster University, Hamilton Health Sciences, Cardiology	MBBS;MD;MSci	Nothing Relevant to Disclose
Syeda Atiqah	Batul	Geisinger Health System	MBBS;MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Sylvain	Ploux	1. Bordeaux University Hospital (CHU), Cardio- Thoracic Unit, F-33600 Pessac, Fra	MD;PhD	Organization: CareLine Solutions, Relationship: Ownership/Partnership/Principal, Role: Membership on Advisory Committees or Review Panels
T. Alexander	Quinn	Dalhousie University, Dept of Physiology & Biophysics	PhD	Nothing Relevant to Disclose
T. Jared	Bunch	University of Utah School of Medicine	MD	Organization: Boehringer Ingelheim, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Grant for the physician initiated cognitive atrial fibrillation (CAF) trial. I am the PI, no personal compensation or salary is from this grant. The grant is awarded to Intermountain Healthcare.; Organization: Altathera, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: No personal compensation received; Organization: Biosense Webster, Inc., Relationship: Training for new ablation balloon, Role: Required training for new ablation balloon to start institutional research on the device, Comments: The payment was for travel and hotel next to the training facility.; Organization: Pfizer, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: HRS committee for AF management - BMS/Pfizer Alliance and HRS Roundtable; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Training for the leadless pacemaker system, AVEIR DR headless pacemaker system as part of the dual chamber pacemaker trial
Tae Hwan	Chung	Johns Hopkins		Organization: Argenx, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research

Tae-Joon	Cha	Kosin University Gospel Hospital, Department of Internal Medicine	MD;PhD	Nothing Relevant to Disclose
Takanori	Yamaguchi	Department of Cardiovascular Medicine, Saga University	MD	Organization: Abbott Japan, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Japan Medtronic, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Daiichi Sankyo, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boehringer Ingelheim, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bayer Healthcare Pharmaceuticals Japan, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Tara	Mudd	Norton Healthcare	ANP	Organization: AtriCure, Inc., Relationship: Speakers' Bureau, Role: Consulting; Organization: BMS / Pfizer Alliance, Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: Ended 12/31/2021; Organization: Bristol-Myers Squibb, Relationship: Speakers' Bureau, Role: Speaking and Teaching, Comments: Ended 12/31/2021
Tara	Parham Graham	Hospital of the Univ. of Penns	DNP	Nothing Relevant to Disclose
Tarek	Zghaib	HOSPITAL OF THE UNIV OF PENN	MD	Nothing Relevant to Disclose
Taya	Glotzer	Electrophysiology Associates o	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Taylor	Howard	Baylor College of Medicine	MD	Nothing Relevant to Disclose
Teresa Thassio	Lee Mesquita	Columbia Cedars-Sinai Medical Center	PhD	Nothing Relevant to Disclose
Theofanie	Mela	Massachusetts General Hospital	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching

Thomas	Callahan	Cleveland Clinic, EP	MD	Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Thomas	Crawford	University of Michigan	MD	Nothing Relevant to Disclose
Thomas	Deering	Piedmont Heart Institute	BS;MBA;MD	Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: Milestone, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: CVRx Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: HUYA Bioscience, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.; Organization: CVRx Inc., Relationship: Advisor, Role: Consulting; Organization: Pacemate, Relationship: Advisor, Role: Consulting; Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Preventice, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: No advisory activity in the past 24 months. Discussions about possible future initiatives ongoing at present.; Organization: Abbott, Relationship: Member of Review Committee for several Abbott research projects, Role: Membership on Advisory Committees or Review Panels, Comments: Amount for work in 2021 & 2022.; Organization: Omny Health, Relationship:

Thomas	Deering	Piedmont Heart Institute	MBA;MD	<p>Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Limited consultation presently inactive to date w/o compensation</p> <p>Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: Medtronic, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: Milestone, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: CVRx Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: HUYA Bioscience, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: My institution receives research grants but I receive no direct or indirect funding for the research activity.;</p> <p>Organization: CVRx Inc., Relationship: Advisor, Role: Consulting;</p> <p>Organization: Pacemate, Relationship: Advisor, Role: Consulting;</p> <p>Organization: Sanofi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching;</p> <p>Organization: Preventice, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: No advisory activity in the past 24 months. Discussions about possible future initiatives ongoing at present.;</p> <p>Organization: Abbott, Relationship: Member of Review Committee for several Abbott research projects, Role: Membership on Advisory Committees or Review Panels, Comments: Amount for work in 2021 &amp; 2022.;</p> <p>Organization: Omny Health, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Limited consultation presently inactive to date w/o compensation</p>
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Thomas	Deneke	Rhön Klinikum Bad Neustadt	MD;PhD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Farapulse, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Imricor, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Galaxy Medical, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Thomas	Hund	Ohio State University/DHLRI	PhD	Nothing Relevant to Disclose
Thomas	Murphy	Oregon Health & Science University	RCES	Nothing Relevant to Disclose
Thomas	Paul	Georg-August-University Medical Center	MD	Nothing Relevant to Disclose
Thomas	Pilcher	Univ of Utah, Primary Children	MD;MS	Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Thomas	Tadros	Brigham and Women's Hospital	MD;MPH	Nothing Relevant to Disclose
Thorsten	Lewalter	Peter Osypka Heart Center Munich	PhD	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Bristol-Myers Squibb, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Daiichi, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Tiffany	Andrade	Brigham and Women's Hospital	MS;PAC	Nothing Relevant to Disclose
Till	Althoff	Hospital Clinic, University of Barcelona	MD	Nothing Relevant to Disclose
Timothy	Kamp	University of Wisconsin-Madison	MD;PhD	Nothing Relevant to Disclose
Tina	Baykaner	Stanford University	MD;MPH	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pacemate, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting

Tingting	Li	Baylor College of Medicine	MD;PhD	Nothing Relevant to Disclose
Tolga	Aksu	Yeditepe University Hospital, Department of Cardiology	MD	Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Tolulope	Shogade	University of Uyo Teaching Hospital	MBChB	Nothing Relevant to Disclose
Tom	De Potter	OLV Hospital	MD;PhD	Organization: Adagio Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Research
Tom	Wong	Royal Brompton and Harefield Hospital	MD	Nothing Relevant to Disclose
Trudie	Lobban MBE FRCP Edin	Arrhythmia Alliance / AF Association / STARS - Syncope Trust		Nothing Relevant to Disclose
Ulhas	Pandurangi	Arrhythmia-Heart Failure-Academy, The Madras Medical Mission	MBBS;MD	Nothing Relevant to Disclose
Ulises	Rojel Martínez	EP Lab, South Medical Center, Puebla, Mexico	MD	Nothing Relevant to Disclose
Uloma	Ijomah	White Plains Hospital	MBA;CCRN;FNP	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Ulrich	Schotten	University of Maastricht	MD;PhD	Organization: Johnson and Johnson, Relationship: Speakers' Bureau, Role: Speaking and Teaching; Organization: Your Rhythmics BV, Relationship: Intellectual Property Rights, Role: Ownership; Organization: EP Solutions, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Roche Diagnostics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Roche Diagnostics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Ulrika	Birgersdotter-Green	UC San Diego Health Systems	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Usha	Tedrow	Brigham and Women's Hospital,	MD;MS	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty, Advanced Fellows'

				course; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty, Advanced Fellows course; Organization: St. Jude Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: Faculty, Women in EP conference, Advanced Ablation course; Organization: Thermedical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching
Vadim	Fedorov	The Ohio State University	PhD	Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Valentina	Kutyifa	University of Rochester Medical Center	MD;PhD	Organization: Spire Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Zoll Medical Corporation, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biotronik, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research, Comments: PI for the newly started OPT-BB Women study, study to start enrollment in February 2020. Amount is estimated to be paid for 2021 (contract not yet signed). <a href="https://clinicaltrials.gov/ct2/show/NCT04504188">https://clinicaltrials.gov/ct2/show/NCT04504188</a> ; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Research
Valerie	van Weperen	University of California, Los Angeles	MD;PhD	Nothing Relevant to Disclose
VANITA	ARORA	Indraprastha Apollo Hospital	MBBS;MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Proctor/Implanter; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Proctor/Trainer; Organization:

Varun	Malik	University of California Los Angeles	MBBS;PhD	Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Proctor/Trainer Nothing Relevant to Disclose
Vassilios	Bezzarides	Boston Children's Hospital	MD;PhD	Organization: Sarepta Therapeutics, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Cardurion, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
Vassilios	Vassilikos	Aristotle University of Thessaloniki	MD	Organization: Bayer Healthcare Pharmaceuticals, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: PI for trial; Organization: Bayer Healthcare Pharmaceuticals, Relationship: Travel/Entertainment, Role: Speaking and Teaching, Comments: Travel expenses for HRS 2023
Venkatakrishna	Tholakanahalli	Minneapolis VA Health Care System	MD	Organization: Kobara Medical Inc, Relationship: Intellectual Property Rights, Role: Consulting, Comments: At early stages; Organization: St. Jude Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research Studies , Coordinator salary support; Organization: Cardialen, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research coordinator salary and fellow education; Organization: Imricor, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Consulting, Comments: Towards Education for trainees
Veronica	Sanders	Spectrum Health	BSN;RN	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: SH Afib Clinic Program: An Integrated Approach to AF Patient Management (11/1/22, 11/9/22); Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: AF Program Leader Forum (11/14/22); Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching, Comments: 4/12/23: Global Grand Rounds panelist.
Veronica	Sansing-Foster	Abbott Global Data Science & Analytics	MS;PhD	Organization: Abbott Medical, Relationship: Salary from Employment, Role: Management Position
Vicki	Freedenberg	Children`s National Medical Ce	PhD;RN	Nothing Relevant to Disclose
Vijendra	Swarup	Arizona Heart Rhythm Center	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Board Membership; Organization: Biosense Webster, Inc., Relationship:

Virginie	Beausejour-Ladouceur	Montreal Children's Hospital	MDCM	Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Boston Scientific, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Impulse Dynamics USA, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Corvia Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research Nothing Relevant to Disclose
Vivek	Reddy	Helmsley Electrophysiology Center, Mount Sinai Fuster Heart Hospital	MD	Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Acutus Medical Inc, Relationship: Stock Options – Publicly Traded, Role: Consulting; Organization: Affera, Inc., Relationship: Stocks – Privately Held, Role: Consulting; Organization: Aquaheart, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Autonomix, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Axon, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: BackBeat, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Biosig Technologies, Inc., Relationship: Stock Options – Publicly Traded, Role: Consulting; Organization: Circa Scientific, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Corvia Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: EpiEP, Relationship: Stocks – Privately Held, Role: Consulting; Organization: CardioNXT, Relationship: Stocks – Privately Held, Role: Consulting; Organization: AFTX, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Farapulse, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: FIRE1, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Luxcath, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Manual Surgical Sciences, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Medlumics, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: NewPace Ltd,

Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Surecor, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: VytronUS, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Valcare, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: CardiaCare, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Ablacon, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Dinoa, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Kardium, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: HRT, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Intershunt, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: AtaCor Medical Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Sirona Medical Technologies, Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: CoreMap, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Corisma Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Restore Medical, Relationship: Stocks – Privately Held, Role: Consulting; Organization: VIZARAmEd, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Anumana, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: APN Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Aquaheart, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: EP Frontiers, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Field Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Focused Therapeutics, Relationship: Stock Options –

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Privately Held (including start-up companies), Role: Consulting; Organization: Javelin, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Oracle Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Soundcath, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Atrian Medical Ltd., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: BioTel, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cairdac, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CardioFocus, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: W.L. Gore & Associates, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novo Nordisk, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pulse Biosciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Nyra Medical, Relationship: Stocks – Privately Held, Role: Consulting; Organization: DRS Vascular, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Acutus Medical Inc, Relationship: Stock Options – Publicly Traded, Role: Consulting; Organization: Affera, Inc., Relationship: Stocks – Privately Held, Role: Consulting; Organization: Aquaheart, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Autonomix, Relationship: Stock Options – Privately Held (including start-up companies), Role:

Consulting; Organization: Axon, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: BackBeat, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Biosig Technologies, Inc., Relationship: Stock Options – Publicly Traded, Role: Consulting; Organization: Circa Scientific, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Corvia Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: EpiEP, Relationship: Stocks – Privately Held, Role: Consulting; Organization: CardioNXT, Relationship: Stocks – Privately Held, Role: Consulting; Organization: AFTX, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Farapulse, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: FIRE1, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Luxcath, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Manual Surgical Sciences, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Medlumics, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: NewPace Ltd, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Surecor, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: VytronUS, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Valcare, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: CardiaCare, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Ablacon, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Dinova, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting, Comments: Value of options is unknown as these are not publicly traded; Organization: Kardium, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: HRT, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting;

Organization: Intershunt, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: AtaCor Medical Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Sirona Medical Technologies, Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: CoreMap, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Corisma Inc, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Restore Medical, Relationship: Stocks – Privately Held, Role: Consulting; Organization: VIZARAm, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Anumana, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: APN Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Aquaheart, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: EP Frontiers, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Field Medical, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Focused Therapeutics, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Javelin, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Oracle Health, Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting; Organization: Soundcath, Relationship: Stocks – Privately Held, Role: Consulting; Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Atrian Medical Ltd., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: BioTel, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Cairdac, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: CardioFocus, Inc., Relationship: Stock Options – Privately Held (including start-up companies), Role: Consulting;

Walid	Saliba	Cleveland Clinic	MD	<p>Organization: W.L. Gore &amp; Associates, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novo Nordisk, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Novartis, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Philips, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Pulse Biosciences, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Nyra Medical, Relationship: Stocks – Privately Held, Role: Consulting; Organization: DRS Vascular, Relationship: Stocks – Privately Held, Role: Consulting</p> <p>Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: advisory board</p>
Warren	Jackman	Univ of Oklahoma Health Scienc	MD	<p>Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: CoreMap, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: APN Health, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
Wataru Wayne	Shimizu Levy	Nippon Medical School Univ of Washington	MD;PhD MD	<p>Nothing Relevant to Disclose</p> <p>Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Clinical Endpoint Committee - Guide-HF - CardioMEMS device; Organization: EBR Systems, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Clinical Endpoint Committee - SOLVE CRT; Organization: Respicardia, Relationship:</p>

				Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering Committee - remede FDA Post Approval Study; Organization: Impulse Dynamics USA, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Beckman Coulter, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Clinical Endpoint Committee for use of NTproBNP in the ED for diagnosis of heart failure; Organization: Cardiac Dimensions, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: Steering Committed for EMPOWER - Coronary Sinus Device to treat functional Mitral Regurgitation.; Organization: LivaNova, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Clinical Endpoint Committee Member - Anthem HF; Organization: Bioelectronic Therapies, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: Clinical Endpoint Committee Member - BACKBEAT Trial; Organization: Kestra, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting
Wei	Hua	Fu Wai Hospital	MD	Nothing Relevant to Disclose
Weijian	Huang	First Hospital Affiliated to WZMU	MD	Nothing Relevant to Disclose
Wendy	Tzou	University of Colorado Anschutz Medical Campus	MD	Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory

Wendy	Tzou	University of Colorado Denver	MD	<p>Committees or Review Panels; Organization: BioTelemetry, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosig Technologies, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p> <p>Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Zoll Medical Corporation, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Baylis Medical Company, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Abbott Medical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: BioTelemetry, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Biosig Technologies, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting</p>
William	Lewis	William	MD	<p>Organization: Johnson and Johnson, Relationship: Stocks – Publicly Traded, Role: Private investor, Comments: Total holding, not annual. Purchased before 1/1/2020.; Organization: Procter &amp; Gamble, Inc., Relationship: Stocks – Publicly Traded, Role: Private investor, Comments: Total holding, not annual. Purchased before 1/1/2020; Organization: Thermo Fisher Scientific, Relationship: Stocks – Publicly Traded, Role: Private investor, Comments: Purchase July 2023.</p>
William	Sauer	Brigham and Women's Hospital	MD	<p>Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on</p>

William	Sovic	Baylor University Medical Center	MD	<p>Advisory Committees or Review Panels; Organization: Abbott, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Medtronic, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Research Study on Radiation Effects on Devices. Includes equipment.; Organization: Biosense Webster, Inc., Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research, Comments: Pre-clinical Evaluation of Ablation Strategies. Includes equipment.</p> <p>Nothing Relevant to Disclose</p>
William	Stevenson	Vanderbilt University Medical Center	MD	<p>Organization: Apple Inc., Relationship: Stocks – Publicly Traded, Role: Ownership; Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Johnson and Johnson, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: Abbott Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Independent Contractor (including contracted research); Organization: AtriCure, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Mediasphere Medical, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching</p>
Wojciech	Zareba	University of Rochester Medical Center	MD;PhD	<p>Organization: AliveCor, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: Impulse Dynamics USA, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research; Organization: LEXEO Therapeutics Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Tenaya Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: Thryv Therapeutics, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: BioMarin, Inc, Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting; Organization: AstraZeneca, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels</p>

Xander	Wehrens	Baylor College of Medicine, De	MD;PhD	Organization: Elex Biotech, Relationship: Ownership/Partnership/Principal, Role: Ownership
Xavier	Jouven	Hôpital Europeen G Pompidou	MD;PhD	Organization: Schiller, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels
Xiao	Liu	Cedars-Sinai Medical Center	MD;PhD	Nothing Relevant to Disclose
Xiaoxiao	Qian	Brigham and Women's Hospital	MD	Nothing Relevant to Disclose
Xunzhang	Wang	Cedars Sinai	MD	Nothing Relevant to Disclose
Yaacoub	Chahine	University of Washington	MD	Nothing Relevant to Disclose
Yan	Huo	Abbott Medical	MD;PhD	Organization: Abbott Medical, Relationship: Salary from Employment, Role: Management Position, Comments: Sr. Director Medical Affairs EP, started from JAN 2022; Organization: Abbott Medical, Relationship: Stocks – Publicly Traded, Role: Management Position, Comments: since Jan, 2022
Yasutoshi	Shinoda	University of Arizona, Banner University Medical Center		Nothing Relevant to Disclose
Yong-Mei	Cha	Mayo Clinic	MD	Organization: Medtronic, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Consulting, Comments: The consulting fee was declined.
Yumei	Xue	Guangdong Provincial People's Hospital	MD;PhD	Organization: Biosense Webster, Inc., Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Speaking and Teaching; Organization: Biotronik, Relationship: Travel/Entertainment, Role: Consulting
Zachary	Goldberger	University of Wisconsin School of Medicine and Public Health	MD;MS	Nothing Relevant to Disclose
Zachary	Goldberger	University of Wisconsin-Madison	MD;MS	Nothing Relevant to Disclose
Zachary	Whinnett	Imperial College London	BMBS	Organization: Finapres Medical Systems B.V., Relationship: Intellectual Property Rights, Role: Imperial College London has patent for hemodynamic optimisation method; Organization: Medtronic, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Boston Scientific, Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels; Organization: Abbott,

Zahra	Azizi	Stanford University	MD;MSci	Relationship: Honoraria/Speaking/Consulting Fee, Role: Membership on Advisory Committees or Review Panels, Comments: I am a member of an advisory board, but have not received any income in the past 12 months (I did not submit invoices).
Zak	Loring	Duke University Medical Center	MD;MHS	Nothing Relevant to Disclose
Zhongli	Chen	Fuwai Hospital		Organization: Boston Scientific, Relationship: Travel/Entertainment, Role: Company paid for flight, lodging and food to attend a course on new ablation technologies.; Organization: Huxley Biomedical, Relationship: Research (Contracted Grants for PIs and Named Investigators only), Role: Research
				Nothing Relevant to Disclose