



**2021**  
**HEART RHYTHM**

SCIENTIFIC SESSIONS  
JULY 28-31 · BOSTON

TOGETHER WE ARE  **HRS™**

## Heart Rhythm 2021 Faculty - Disclosure of Relationships with Industry

Haruhiko Abe, MD	<b>H. Abe:</b> Nothing relevant to disclose.
Maen D. Abou Ziki, MD	<b>M.D. Abou Ziki:</b> Nothing relevant to disclose.
Mervan Aboulmaaty	<b>M. Aboulmaaty:</b> Nothing relevant to disclose.
Dominic J. Abrams, MBA, MD	<b>D.J. Abrams:</b> Nothing relevant to disclose.
Michael John Ackerman, MD, PhD	<b>M.J. Ackerman:</b> Honoraria/Speaking/Consulting Fee - Audentes Therapeutics; Boston Scientific; Daiichi Sankyo; Biotronik; UpToDate; Medtronic; Myokardia; ARMGO Pharma; Invitae; LQT Therapeutics; ARMGO Pharma; Abbott. Intellectual Property Rights - AliveCor. Research (Contracted Grants for PIs and Named Investigators only) - LQT Therapeutics.
Martin Aguilar, MD, PhD	<b>M. Aguilar:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc..
Fadi G. Akar, PhD	<b>F.G. Akar:</b> Nothing relevant to disclose.
Joseph G. Akar, MD, PhD	<b>J.G. Akar:</b> Nothing relevant to disclose.
Nazem Akoum, MD, MS, FHRS	<b>N. Akoum:</b> Nothing relevant to disclose.
Tolga Aksu, MD	<b>T. Aksu:</b> Nothing relevant to disclose.
Mehmet K. Aktas, MBA, MD, FHRS	<b>M.K. Aktas:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic; Biosense Webster, Inc.; Abbott; Boston Scientific; Astra Zeneca.
Amin Al-Ahmad, MD, FHRS, CCDS	<b>A. Al-Ahmad:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Abbott.
Christine M. Albert, MD, MPH, FHRS	<b>C.M. Albert:</b> Nothing relevant to disclose.
Sana M. Al-Khatib, MD, MHS, FHRS, CCDS	<b>S.M. Al-Khatib:</b> Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - Medtronic; Abbott; Boston Scientific.

Larry Alexander Allen, MD, MHS	<b>L.A. Allen:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; ACI Clinical; Amgen; Amgen; Cytokinetics; Novartis.
James Allred, MD, FHRS	<b>J. Allred:</b> Honoraria/Speaking/Consulting Fee - CVRx Inc.; Medtronic; Biosense Webster, Inc..
Mahmoud Altawil, MD	<b>M. Altawil:</b> Nothing relevant to disclose.
Paulino Alvarez	<b>P. Alvarez:</b> Nothing relevant to disclose.
Ahmad S. Amin, MD, PhD	<b>A.S. Amin:</b> Nothing relevant to disclose.
Mark E. Anderson, MD, PhD, FHRS	<b>M.E. Anderson:</b> Nothing relevant to disclose.
Elad Anter, MD	<b>E. Anter:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Boston Scientific; Philips; Itamar Medical. Stock or Stock Options - Non-Public (Including Start-up) - Affera Inc.
Charles Antzelevitch, PhD, FHRS	<b>C. Antzelevitch:</b> Honoraria/Speaking/Consulting Fee - Novartis. Research (Contracted Grants for PIs and Named Investigators only) - Novartis; Trevana Inc..
Kedar Aras, PhD	<b>K. Aras:</b> Research (Contracted Grants for PIs and Named Investigators only) - Cardialen, Inc..
Elena Arbelo, MD, MSci, PhD	<b>E. Arbelo:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc..
Ahran Arnold, MBBS	<b>A. Arnold:</b> Honoraria/Speaking/Consulting Fee - Medtronic. Travel/Entertainment - Bayer Healthcare Pharmaceuticals.
Kent Arrell	<b>K. Arrell:</b> Nothing relevant to disclose.
Arash Aryana, MD, PhD, FHRS	<b>A. Aryana:</b> Honoraria/Speaking/Consulting Fee - Medtronic; St. Jude Medical; Boston Scientific; Sirona Medical Technologies, Inc. Research (Contracted Grants for PIs and Named Investigators only) - Medtronic.
Anita W. Asgar, MD, MSc, FRCPC, FACC	<b>A.W. Asgar:</b> Nothing relevant to disclose.
Samuel J. Asirvatham, MD, FHRS	<b>S.J. Asirvatham:</b> Honoraria/Speaking/Consulting Fee - St. Jude Medical; Medtronic; Biotronik; Boston Scientific; Biosig Technologies; MediLynx. Intellectual Property Rights - AliveCor.
Joseph Atallah, MDCM, MS	<b>J. Atallah:</b> Nothing relevant to disclose.
Peter F. Aziz, MD, FHRS, CEPS-P	<b>P.F. Aziz:</b> Nothing relevant to disclose.
Nitish Badhwar, MBBS, FHRS	<b>N. Badhwar:</b> Nothing relevant to disclose.
Rong Bai, MD, FHRS	<b>R. Bai:</b> Nothing relevant to disclose.
Adrian Baranchuk	<b>A. Baranchuk:</b> Nothing relevant to disclose.
Melinda J. Barber, ARNP	<b>M.J. Barber:</b> Nothing relevant to disclose.
Chirag R. Barbhaiya, MD, FHRS	<b>C.R. Barbhaiya:</b> Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; Biosense Webster, Inc.; Zoll Medical Corporation; Philips.

Yaniv Bar-Cohen, MD, FHRS, CEPS-P	<b>Y. Bar-Cohen:</b> Nothing relevant to disclose.
Andreas S. Barth, MD, PhD	<b>A.S. Barth:</b> Honoraria/Speaking/Consulting Fee - Guidepoint Global Advisors.
Cheyenne Beach, MD	<b>C. Beach:</b> Nothing relevant to disclose.
Elijah Behr, MA, MBBS, MD	<b>E. Behr:</b> Nothing relevant to disclose.
Douglas Steven Beinborn, MA, RN	<b>D.S. Beinborn:</b> Nothing relevant to disclose.
Stuart J. Beldner, MD, FHRS	<b>S.J. Beldner:</b> Nothing relevant to disclose.
Emelia J. Benjamin, MD, MS	<b>E.J. Benjamin:</b> Nothing relevant to disclose.
Monica N. Benjamin, MD	<b>M.N. Benjamin:</b> Nothing relevant to disclose.
Ronald D. Berger, MD, PhD, FHRS	<b>R.D. Berger:</b> Nothing relevant to disclose.
Michael L. Bernard, MD, PhD	<b>M.L. Bernard:</b> Nothing relevant to disclose.
Charles I. Berul, MD, FHRS, CEPS-P	<b>C.I. Berul:</b> Nothing relevant to disclose.
Timothy Betts, MBChB, MD	<b>T. Betts:</b> Honoraria/Speaking/Consulting Fee - EBR Systems.
Vassilios J. Bezzerides, MD, PhD, CEPS-P	<b>V.J. Bezzerides:</b> Research (Contracted Grants for PIs and Named Investigators only) - Cydan; Sarepta Therapeutics.
Connie R. Bezzina, PhD	<b>C.R. Bezzina:</b> Nothing relevant to disclose.
Deepak Bhakta, MD, FHRS, CCDS	<b>D. Bhakta:</b> Nothing relevant to disclose.
Neal Kumar Bhatia, MD	<b>N.K. Bhatia:</b> Nothing relevant to disclose.
Prashant D. Bhave, MD, FHRS	<b>P.D. Bhave:</b> Nothing relevant to disclose.
Valter Bianchi, MD	<b>V. Bianchi:</b> Nothing relevant to disclose.
Edo Y. Birati	<b>E.Y. Birati:</b> Research (Contracted Grants for PIs and Named Investigators only) - Impulse Dynamics USA; Medtronic.
Ulrika Birgersdotter-Green, MD, FHRS	<b>U. Birgersdotter-Green:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Abbott; Biotronik; Medtronic.
David H. Birnie, MD	<b>D.H. Birnie:</b> Nothing relevant to disclose.
Nico A. Blom, MD, PhD	<b>N.A. Blom:</b> Nothing relevant to disclose.
Lucas V. A. Boersma, MD, PhD	<b>L.V. Boersma:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Boston Scientific.
Bas J. Boukens, PhD	<b>B.J. Boukens:</b> Nothing relevant to disclose.
Patrick Boyle, BS, PhD, FHRS	<b>P. Boyle:</b> Nothing relevant to disclose.
David J. Bradley, MD, FHRS, CEPS-P	<b>D.J. Bradley:</b> Nothing relevant to disclose.

Alexander Breitenstein	<b>A. Breitenstein:</b> Honoraria/Speaking/Consulting Fee - Abbott; Bayer Healthcare Pharmaceuticals; Biosense Webster, Inc.; Biotronik; Boston Scientific; Bristol-Myers Squibb; Cook Medical, Inc.; Daiichi Sankyo; Medtronic; Pfizer/BMS; Spectranetics Corporation.
David C. Buckman	<b>D.C. Buckman:</b> Nothing relevant to disclose.
T. Jared Bunch, MD, FHRS	<b>T. Bunch:</b> Research (Contracted Grants for PIs and Named Investigators only) - Altathera; Boston Scientific; Boehringer Ingelheim; Abbott. Training for new ablation balloon - Biosense Webster, Inc.. Honoraria/Speaking/Consulting Fee - Pfizer, Inc..
Kristin M. Burns, MD	<b>K.M. Burns:</b> Nothing relevant to disclose.
Alfred E. Buxton, MD	<b>A.E. Buxton:</b> Nothing relevant to disclose.
JULIA CADRIN-TOURIGNY, MD, MS, CCDS	<b>J. Cadrin-tourigny:</b> Nothing relevant to disclose.
Hugh Calkins, MD, FHRS	<b>H. Calkins:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific.
David J. Callans, MD, FHRS, CCDS	<b>D.J. Callans:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Best Doctors; Biotronik; Boston Scientific; Impulse Dynamics USA; Thermedical; Biosense Webster, Inc.; Coherex; Baylis Medical Company; BioSig; Mediasphere Medical. author - Wolters Kluwer.
A. John Camm, MD, FHRS	<b>A. Camm:</b> Honoraria/Speaking/Consulting Fee - Sanofi; Pfizer, Inc.; Portola Pharmaceuticals; Biotronik; Medtronic; Acesion; OMEICOS Therapeutics; InCarda Therapeutics; Boehringer Ingelheim; Bayer Healthcare Pharmaceuticals; Boston Scientific; Abbott; Daiichi; Bristol-Myers Squibb; Milestone Pharmaceuticals; Anthos Therapeutics.
David S. Cannom, MD, FHRS	<b>D.S. Cannom:</b> Nothing relevant to disclose.
Bryan C. Cannon, MD, FHRS, CEPS-P	<b>B.C. Cannon:</b> Nothing relevant to disclose.
Daniel J. Cantillon, MD, FHRS	<b>D.J. Cantillon:</b> Royalty Income - AirStrip Inc.. Honoraria/Speaking/Consulting Fee - Abbott; Boston Scientific.
Riccardo Cappato, MD, FHRS	<b>R. Cappato:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Biosense Webster, Inc.; Bayer Healthcare Pharmaceuticals; St. Jude Medical; Boehringer Ingelheim; Pfizer, Inc.; Abbott. Speakers' Bureau - Boston Scientific; Medtronic; Bard Electrophysiology.
Michael A. Carlozzi, BSN	<b>M.A. Carlozzi:</b> Nothing relevant to disclose.
Maura Casciola	<b>M. Casciola:</b> Nothing relevant to disclose.
John N. Catanzaro, MD, FHRS	<b>J.N. Catanzaro:</b> Honoraria/Speaking/Consulting Fee - Abbott; Boston Scientific; Aziyo Biologics.
Marina Cerrone, MD	<b>M. Cerrone:</b> Honoraria/Speaking/Consulting Fee - Medtronic.

Yong-Mei Cha, MD, FHRS	<b>Y. Cha:</b> Nothing relevant to disclose.
Anwar A. Chahal, BS, MBChB, PhD	<b>A.A. Chahal:</b> Nothing relevant to disclose.
Stephanie Frances Chandler, MD	<b>S.F. Chandler:</b> Nothing relevant to disclose.
Nadine Channaoui, MS	<b>N. Channaoui:</b> Nothing relevant to disclose.
Ahmad Sami Chaouki, MD, PhD, CEPS-P, CCDS	<b>A.S. Chaouki:</b> Nothing relevant to disclose.
Mohsan Mushtaq Chaudhry, MD	<b>M.M. Chaudhry:</b> Nothing relevant to disclose.
S.R. Wayne Chen	<b>S. Chen:</b> Nothing relevant to disclose.
Shih-Ann Chen, MD	<b>S. Chen:</b> Nothing relevant to disclose.
Peng-Sheng Chen, MD, FHRS	<b>P. Chen:</b> Nothing relevant to disclose.
Jason S. Chinitz, MD, FHRS	<b>J.S. Chinitz:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Biosense Webster, Inc..
Sumeet S. Chugh, MD, FHRS	<b>S.S. Chugh:</b> Nothing relevant to disclose.
Allison Cirino, MS, CGC	<b>A. Cirino:</b> Nothing relevant to disclose.
Colleen E. Clancy, PhD	<b>C.E. Clancy:</b> Nothing relevant to disclose.
Jude Clancy, MD, FHRS	<b>J. Clancy:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Spectranetics Corporation.
Rebecca J. Cogswell, MD	<b>R.J. Cogswell:</b> Honoraria/Speaking/Consulting Fee - Abbott. Husband works for Medtronic - in RTG - Medtronic, Spouse/Partner.
Mitchell I. Cohen, MD, FHRS, CCDS, CEPS-P	<b>M.I. Cohen:</b> Nothing relevant to disclose.
Jacqueline K. Conarchy, BS, BSN, CCDS	<b>J.K. Conarchy:</b> Nothing relevant to disclose.
Ryan L. Cooley, MD, FHRS	<b>R.L. Cooley:</b> Nothing relevant to disclose.
Daniel H. Cooper, MD	<b>D.H. Cooper:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Abbott.
Christopher J. Cooper, CCDS	<b>C.J. Cooper:</b> Nothing relevant to disclose.
William K. Cornwell, BS	<b>W.K. Cornwell:</b> Nothing relevant to disclose.
Ruben Coronel, MD, PhD	<b>R. Coronel:</b> Nothing relevant to disclose.
Daniel Cortez, MD, PhD, CCDS	<b>D. Cortez:</b> Nothing relevant to disclose.
Ryan Cunnane, MD	<b>R. Cunnane:</b> Nothing relevant to disclose.
Karol Curila	<b>K. Curila:</b> Honoraria/Speaking/Consulting Fee - Medtronic.

Anne B. Curtis, MD, FHRS	<b>A.B. Curtis:</b> Honoraria/Speaking/Consulting Fee - Janssen Pharmaceuticals; Medtronic; Abbott; Sanofi; Milestone Pharmaceuticals; Zoll Medical Corporation.
Iwona Cygankiewicz, MD, PhD	<b>I. Cygankiewicz:</b> None.
Richard J. Czosek, MD, CCDS	<b>R.J. Czosek:</b> Nothing relevant to disclose.
Aarti Dalal, DO, CEPS-P	<b>A. Dalal:</b> Nothing relevant to disclose.
Emile G. Daoud, MD, FHRS	<b>E.G. Daoud:</b> Nothing relevant to disclose.
Elizabeth E. Davenport, BA, MSN, RN	<b>E.E. Davenport:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Biotronik; Octagos.
Christian de Chillou, MD, PhD	<b>C. de Chillou:</b> Nothing relevant to disclose.
Natasja M. S. De Groot, MD, PhD	<b>N.M. De Groot:</b> Nothing relevant to disclose.
Tom De Potter, MD, PhD	<b>T. De Potter:</b> Stock or Stock Options - Non-Public (Including Start-up) - Adagio Medical.
Brynn E. Dechert-Crooks, APN, FHRS, CCDS	<b>B.E. Dechert-Crooks:</b> Nothing relevant to disclose.
Thomas F. Deering, MBA, FHRS, CCDS	<b>T.F. Deering:</b> Research (Contracted Grants for PIs and Named Investigators only) - HUYA Bioscience; Boston Scientific; Medtronic; Abbott; Milestone; CVRx Inc.; Biotronik. Honoraria/Speaking/Consulting Fee - Abbott. Advisor - Pacemate; Preventice; CVRx Inc..
Isabel Deisenhofer, MD	<b>I. Deisenhofer:</b> Nothing relevant to disclose.
Domenico G. Della Rocca, MD	<b>D.G. Della Rocca:</b> Nothing relevant to disclose.
Mario Delmar, MD, PhD, FHRS	<b>M. Delmar:</b> Nothing relevant to disclose.
Thomas Deneke, MD, PhD, FHRS	<b>T. Deneke:</b> Honoraria/Speaking/Consulting Fee - Biotronik; Abbott; Farapulse; Imricor.
Rajat Deo, MD	<b>R. Deo:</b> Honoraria/Speaking/Consulting Fee - Biotronik.
Lajja Desai, MD	<b>L. Desai:</b> Nothing relevant to disclose.
Isabelle Deschenes, PhD	<b>I. Deschenes:</b> Nothing relevant to disclose.
Sanjay S. Deshpande, MD, FHRS	<b>S.S. Deshpande:</b> Nothing relevant to disclose.
Elizabeth S. DeWitt, MD	<b>E.S. DeWitt:</b> Nothing relevant to disclose.
Thomas A. Dewland, MD, FHRS	<b>T.A. Dewland:</b> Honoraria/Speaking/Consulting Fee - Farapulse; Adagio Medical.
Marc W. Deyell, MD, MSci, FHRS	<b>M.W. Deyell:</b> Honoraria/Speaking/Consulting Fee - Abbott; Boston Scientific; Servier; BMS / Pfizer Alliance; Medtronic.

Luigi Di Biase, MD, PhD, FHRS	<b>L. Di Biase:</b> Honoraria/Speaking/Consulting Fee - Bristol-Myers Squibb; Biosense Webster, Inc.; Stereotaxis, Inc.; Medtronic; Biotronik; Abbott; Boston Scientific; Pfizer, Inc.; Rhythm Management Group Corp.
Sanjay Dixit, MD, FHRS	<b>S. Dixit:</b> Honoraria/Speaking/Consulting Fee - Biotronik; Medtronic.
Dobromir Dobrev, MD	<b>D. Dobrev:</b> Honoraria/Speaking/Consulting Fee - OMEICOS Therapeutics; Acesion Pharma; OMEICOS Therapeutics; Novartis.
Rahul N. Doshi, MD, FHRS	<b>R.N. Doshi:</b> Nothing relevant to disclose.
Shephal K. Doshi, MD	<b>S.K. Doshi:</b> Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc.; Abbott; Boston Scientific. Honoraria/Speaking/Consulting Fee - Janssen Pharmaceuticals.
Steven Michael Dotzler, BA	<b>S.M. Dotzler:</b> Nothing relevant to disclose.
Samuel C. Dudley, MD, PhD	<b>S.C. Dudley:</b> Nothing relevant to disclose.
Srinivas R. Dukkupati, MD, FHRS	<b>S.R. Dukkupati:</b> Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc..
L. Lee Eckhardt, MD, FHRS	<b>L. Eckhardt:</b> Nothing relevant to disclose.
Igor R. Efimov, PhD, FHRS	<b>I.R. Efimov:</b> Nothing relevant to disclose.
Michael Efremidis	<b>M. Efremidis:</b> Nothing relevant to disclose.
Joachim R. Ehrlich, MD, FHRS	<b>J.R. Ehrlich:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Abbott; Zoll Medical Corporation; Impulse Dynamics USA.
Susan J. Eisenberg, MD	<b>S.J. Eisenberg:</b> Nothing relevant to disclose.
Mikhael F. El-Chami, MD, FHRS	<b>M.F. El-Chami:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific; Medtronic.
Kenneth A. Ellenbogen, MD, FHRS	<b>K.A. Ellenbogen:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Biotronik.
Patrick T. Ellinor, MD, PhD	<b>P.T. Ellinor:</b> Honoraria/Speaking/Consulting Fee - Bayer Healthcare Pharmaceuticals; Novartis. Research (Contracted Grants for PIs and Named Investigators only) - Bayer Healthcare Pharmaceuticals.
Perry Elliott, MBBS, MD	<b>P. Elliott:</b> Honoraria/Speaking/Consulting Fee - Myokardia; Pfizer, Inc.; Alnylam Pharmaceuticals; Sanofi; Shire Pharmaceutical.
Adrian D. Elliott, PhD	<b>A.D. Elliott:</b> Nothing relevant to disclose.
Alan D. Enriquez, MD	<b>A.D. Enriquez:</b> Nothing relevant to disclose.
Emilia Entcheva, PhD	<b>E. Entcheva:</b> Nothing relevant to disclose.
Andrew E. Epstein, MD, FHRS	<b>A.E. Epstein:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic; Boston Scientific; Abbott.

	Honoraria/Speaking/Consulting Fee - Abbott; Boston Scientific; Zoll Medical Corporation; Medtronic.
Carolina A. Escudero, MD, MS	<b>C.A. Escudero:</b> Nothing relevant to disclose.
Michael R. Epstein, MD, CEPS-P	<b>M.R. Epstein:</b> Nothing relevant to disclose.
Mark Estes, MD, FHRS, CCDS	<b>M. Estes:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic.
Susan P. Etheridge, MD, FHRS, CEPS-P	<b>S.P. Etheridge:</b> Nothing relevant to disclose.
John C. Evans, MD	<b>J.C. Evans:</b> Salary from Employment (Commercial Interest) - Biosense Webster, Inc.. Honoraria/Speaking/Consulting Fee - Gala Therapeutics; Galaxy Medical, Inc.
James Fang, MD	<b>J. Fang:</b> DELIVER Steering Committee - AstraZeneca. SOPRANO DSMB Chair - Johnson and Johnson. GALACTIC Steering Committee - Amgen. EVALUATE steering committee - Novartis.
Gregory K. Feld, MD, FHRS	<b>G.K. Feld:</b> Honoraria/Speaking/Consulting Fee - Vektor Medical; Adagio Medical. Stock or Stock Options - Non-Public (Including Start-up) - Acutus Medical Inc.
Martha G. Ferrara, DNP, FNP, FHRS, CCDS	<b>M.G. Ferrara:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific.
Aileen M. Ferrick, PhD, ACNP, RN, FHRS	<b>A.M. Ferrick:</b> Nothing relevant to disclose.
Michael Eugene Field, MD, FHRS	<b>M.E. Field:</b> Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc.; Medtronic; Abbott.
Marcio J. O. Figueiredo, MD	<b>M.J. Figueiredo:</b> Nothing relevant to disclose.
Erin E. Flatley, BSN, MSN, NP	<b>E.E. Flatley:</b> Nothing relevant to disclose.
Richard I. Fogel, MD, FHRS, CCDS	<b>R.I. Fogel:</b> Nothing relevant to disclose.
John M. Fontaine, MBA, MD, FHRS	<b>J.M. Fontaine:</b> Nothing relevant to disclose.
Jacqueline Forman, MSN, CNS, RN	<b>J. Forman:</b> Nothing relevant to disclose.
Camille G. Frazier-Mills, MD, MHS, CCDS	<b>C.G. Frazier-Mills:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Boston Scientific.
Vicki A. Freedenberg, BSN, MSN, PhD, CNS	<b>V.A. Freedenberg:</b> Nothing relevant to disclose.
James Freeman, MD	<b>J. Freeman:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc.; Boston Scientific.
Daniel Frenkel, MD, FHRS	<b>D. Frenkel:</b> Nothing relevant to disclose.
Antonio Frontera, MD	<b>A. Frontera:</b> Nothing relevant to disclose.
Jidong Fu	<b>J. Fu:</b> Nothing relevant to disclose.



Marat Fudim, MD, MHS	<b>M. Fudim:</b> Honoraria/Speaking/Consulting Fee - AxonTherapies; Galvani, Ltd.; Respicardia; NXT Biomedical; Daxor; Astra Zeneca.
Stephen A. Gaeta, MD, PhD	<b>S.A. Gaeta:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc..
Celine Gallagher, BSN, MS, PhD, RN	<b>C. Gallagher:</b> Nothing relevant to disclose.
Leonard I. Ganz, MD, FHRS	<b>L.I. Ganz:</b> Nothing relevant to disclose.
Lohit Garg, MBBS, MD	<b>L. Garg:</b> Nothing relevant to disclose.
Edward P. Gerstenfeld, MD, FHRS	<b>E.P. Gerstenfeld:</b> Nothing relevant to disclose.
J. Rod Gimbel, MD	<b>J. Gimbel:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Zoll Medical Corporation.
Robert P. Giugliano, MD, MSci	<b>R.P. Giugliano:</b> Honoraria/Speaking/Consulting Fee - Amgen; Daiichi; Amarin; Amgen; CVS Caremark; Daiichi; Servier; Astra Zeneca; CryoLife; Dr. Reddy's Laboratories; Esperion Therapeutics; Gilead Sciences, Inc.; GlaxoSmithKline; SAJA Pharmaceuticals; Samsung; Servier. Research (Contracted Grants for PIs and Named Investigators only) - Amgen; Anthos Therapeutics.
Andrew Michael Glazer, PhD	<b>A.M. Glazer:</b> Nothing relevant to disclose.
Marye J. Gleva, MD, FHRS	<b>M.J. Gleva:</b> Honoraria/Speaking/Consulting Fee - Sanofi; Medtronic; Abbott; Boston Scientific; Zoll Medical Corporation; Biotronik.
Taya V. Glotzer, MD, FHRS	<b>T.V. Glotzer:</b> Nothing relevant to disclose.
Benedict M. Glover, MBChB, MD, FHRS	<b>B.M. Glover:</b> Honoraria/Speaking/Consulting Fee - Abbott; Baylis Medical Company.
Zachary D. Goldberger, MD, MS, FHRS, CCDS	<b>Z.D. Goldberger:</b> Nothing relevant to disclose.
Dana Goldense, MS, PAC, CEPS, CCDS	<b>D. Goldense:</b> Nothing relevant to disclose.
Nora Goldschlager, MD, FHRS	<b>N. Goldschlager:</b> Nothing relevant to disclose.
M. Cecilia Gonzalez Corcia, PhD, CEPS-P	<b>M. Gonzalez Corcia:</b> Nothing relevant to disclose.
Rakesh Gopinathannair, MA, MD, FHRS	<b>R. Gopinathannair:</b> Honoraria/Speaking/Consulting Fee - Zoll Medical Corporation; Boston Scientific; Abbott. Speakers' Bureau - Pfizer, Inc..
Sandeep K. Goyal, MD, FHRS	<b>S.K. Goyal:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Medtronic.
Eleonora Grandi, MS, PhD, FHRS	<b>E. Grandi:</b> Nothing relevant to disclose.
Udhayvir Grewal	<b>U. Grewal:</b> Nothing relevant to disclose.
Adele Greyling, MBChB	<b>A. Greyling:</b> Nothing relevant to disclose.
William J. Groh, MD, MPH, FHRS	<b>W.J. Groh:</b> Nothing relevant to disclose.

Blair P. Grubb, MD, CCDS	<b>B.P. Grubb:</b> Nothing relevant to disclose.
Sanjaya K. Gupta, MBA, MD, FHRS	<b>S.K. Gupta:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Boston Scientific; Respicardia.
Chris Haggerty	<b>C. Haggerty:</b> Nothing relevant to disclose.
David E. Haines, MD, FHRS	<b>D.E. Haines:</b> Stock or Stock Options - Non-Public (Including Start-up) - Affera Inc. Honoraria/Speaking/Consulting Fee - Lake Region Medical; Biosense Webster, Inc.; Philips; Medtronic Bakken Research Center; Boston Scientific; Ablacon.
Michel Haissaguerre, MD, PhD	<b>M. Haissaguerre:</b> Nothing relevant to disclose.
Justin Haloot, DO	<b>J. Haloot:</b> Nothing relevant to disclose.
Samantha Hamrick, BS; CS	<b>S. Hamrick:</b> Nothing relevant to disclose.
Frederick T. Han, MD, FHRS	<b>F.T. Han:</b> Research (Contracted Grants for PIs and Named Investigators only) - Abbott.
Janet K. Han, MD, FHRS	<b>J.K. Han:</b> Honoraria/Speaking/Consulting Fee - Abbott; Medtronic.
Thomas Hanff, MD, MPH	<b>T. Hanff:</b> Nothing relevant to disclose.
Jillian L. Hanifin, BSN, CCRN	<b>J.L. Hanifin:</b> Honoraria/Speaking/Consulting Fee - Medtronic.
Michael Hannon	<b>M. Hannon:</b> Nothing relevant to disclose.
Louise Harris, MBChB, FHRS	<b>L. Harris:</b> Nothing relevant to disclose.
Margaret B. Harvey, ACNP, PHD	<b>M.B. Harvey:</b> Nothing relevant to disclose.
Jeffrey S. Healey, MD, FHRS	<b>J.S. Healey:</b> Honoraria/Speaking/Consulting Fee - Cypher Pharma; Servier; Boston Scientific; Myokardia; Bayer Healthcare Pharmaceuticals. Speakers' Bureau - Bristol-Myers Squibb. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific; Medtronic; Bristol-Myers Squibb; Pfizer, Inc.; Servier.
Hein Heidbuchel, MD, PhD	<b>H. Heidbuchel:</b> Nothing relevant to disclose.
Jeroen ML Hendriks, MS, PhD, RN	<b>J.M. Hendriks:</b> Honoraria/Speaking/Consulting Fee - Biotronik.
Charles A. Henrikson, MD, MPH, FHRS	<b>C.A. Henrikson:</b> Nothing relevant to disclose.
Gabriele Hessling, MD	<b>G. Hessling:</b> Nothing relevant to disclose.
Paul L. Hess, MD	<b>P.L. Hess:</b> Nothing relevant to disclose.
Gabriele Hessling, MD	<b>G. Hessling:</b> Nothing relevant to disclose.
Gerhard Hindricks, MD	<b>G. Hindricks:</b> Nothing relevant to disclose.
Nynke Hofman, Msci	<b>N. Hofman:</b> Nothing relevant to disclose.
Livia Hool, BS, PhD	<b>L. Hool:</b> Nothing relevant to disclose.

Henry H. Hsia, MD	<b>H.H. Hsia:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc.; Farapulse.
Wei Hua, MD, FHRS	<b>W. Hua:</b> Nothing relevant to disclose.
Weijian Huang, MD, FHRS	<b>W. Huang:</b> Nothing relevant to disclose.
John D. Hummel, MD, FHRS	<b>J.D. Hummel:</b> Research (Contracted Grants for PIs and Named Investigators only) - Abbott. Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Medtronic.
Dan Hu, MD, PhD, FHRS	<b>D. Hu:</b> Nothing relevant to disclose.
Mary E. Huntsinger, MSN, ACNP, CNS	<b>M.E. Huntsinger:</b> Nothing relevant to disclose.
Jodie L. Hurwitz, MD, FHRS	<b>J.L. Hurwitz:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc..
Robyn Hylind, MS, CGC	<b>R. Hylind:</b> Nothing relevant to disclose.
Sung Il Im, MD	<b>S. Im:</b> Nothing relevant to disclose.
Cameron Incognito, MD	<b>C. Incognito:</b> Nothing relevant to disclose.
Julia H. Indik, MD, PhD, FHRS	<b>J.H. Indik:</b> Nothing relevant to disclose.
Jodie Ingles, MPH, PhD, FHRS	<b>J. Ingles:</b> Research (Contracted Grants for PIs and Named Investigators only) - Myokardia.
Carsten W. Israel, MD	<b>C.W. Israel:</b> Speakers' Bureau - MicroPort CRM. Honoraria/Speaking/Consulting Fee - Biotronik; Boston Scientific; Medtronic; Medtronic; Abbott.
ZIAD F. ISSA, MD, FHRS	<b>Z.F. Issa:</b> Nothing relevant to disclose.
Jason T. Jacobson, MD, FHRS	<b>J.T. Jacobson:</b> CEC chair for LESS VT trial - Abbott.
Pierre Jais, MD	<b>P. Jais:</b> Ownership/Partnership/Principal - Affera Inc. Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Farapulse. Stock or Stock Options - Non-Public (Including Start-up) - Farapulse.
Jose Jalife, MD, FHRS	<b>J. Jalife:</b> Nothing relevant to disclose.
Cynthia A. James, PhD, CGC	<b>C.A. James:</b> Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific.
Lior Jankelson, MD, PhD	<b>L. Jankelson:</b> Intellectual Property Rights - Alterna.
Christopher M. Janson, MD, CEPS-P, CCDS	<b>C.M. Janson:</b> Nothing relevant to disclose.
Marek Jastrzebski	<b>M. Jastrzebski:</b> Nothing relevant to disclose.
Courtney C. Jeffery, BSN, MSN, APRN, FNP	<b>C.C. Jeffery:</b> Nothing relevant to disclose.

Roy M. John, MD, PhD, FHRS, CCDS	<b>R.M. John:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Daniel P. Judge, MD	<b>D.P. Judge:</b> Honoraria/Speaking/Consulting Fee - 4D Molecular Therapeutics; Pfizer, Inc.; Cytokinetics; ADRx, Inc; Tenaya Therapeutics.
Jonathan M. Kalman, MBBS, PhD, FHRS	<b>J.M. Kalman:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic. Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc..
Tsukasa Kamakura, MD, PhD	<b>T. Kamakura:</b> Nothing relevant to disclose.
Anna N. Kamp, MD, MPH, CEPS-P	<b>A.N. Kamp:</b> Nothing relevant to disclose.
Prince J. Kannankeril, MD, MS, FHRS, CEPS-P	<b>P.J. Kannankeril:</b> Nothing relevant to disclose.
Ronald J. Kanter, MD, FHRS, CEPS-P	<b>R.J. Kanter:</b> Nothing relevant to disclose.
Sunil Kapur, MD	<b>S. Kapur:</b> Honoraria/Speaking/Consulting Fee - Abbott; Novartis.
Kaveh Karimzad, MD	<b>K. Karimzad:</b> Nothing relevant to disclose.
Demosthenes G. Katritsis, MD, PhD	<b>D.G. Katritsis:</b> Nothing relevant to disclose.
Elizabeth S. Kaufman, MD, FHRS	<b>E.S. Kaufman:</b> Nothing relevant to disclose.
Naomi J. Kertesz, MD, FHRS, CEPS-P	<b>N.J. Kertesz:</b> Nothing relevant to disclose.
Jeffrey J. Kim, MD	<b>J.J. Kim:</b> Nothing relevant to disclose.
George J. Klein, MD	<b>G.J. Klein:</b> Nothing relevant to disclose.
Amy Kleinhans, DNP, NP, CEPS, CCDS	<b>A. Kleinhans:</b> Nothing relevant to disclose.
Bjorn C. Knollmann, MD, PhD	<b>B.C. Knollmann:</b> Nothing relevant to disclose.
Reinoud Knops, MD, PhD	<b>R. Knops:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic; Cairdac; Abbott. Stock or Stock Options - Non-Public (Including Start-up) - AtaCor Medical Inc.
Jeffrey Kolominsky, MD	<b>J. Kolominsky:</b> Nothing relevant to disclose.
Bruce A. Koplan, MD, MPH, FHRS	<b>B.A. Koplan:</b> Honoraria/Speaking/Consulting Fee - Affera.
Jacob S. Koruth, MBBS, MD	<b>J.S. Koruth:</b> Honoraria/Speaking/Consulting Fee - Abbott; Farapulse; CardioFocus, Inc.; Abiomed. Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc.; Affera. Stock or Stock Options - Non-Public (Including Start-up) - Affera.
Ioanna Kosmidou, MD, PhD	<b>I. Kosmidou:</b> Nothing relevant to disclose.
Marc Kottmaier, MD	<b>M. Kottmaier:</b> Nothing relevant to disclose.
Joshua R. Kovach, MD, CEPS-P	<b>J.R. Kovach:</b> Nothing relevant to disclose.
Andrew D. Krahn, MD, FHRS	<b>A.D. Krahn:</b> Honoraria/Speaking/Consulting Fee - Medtronic.

Angela L. Krebsbach, PAC	<b>A.L. Krebsbach:</b> Nothing relevant to disclose.
Thomas Kriebel, MD	<b>T. Kriebel:</b> Nothing relevant to disclose.
Jordana Kron, MD, FHRS	<b>J. Kron:</b> Nothing relevant to disclose.
David E. Krummen, MD, FHRS	<b>D.E. Krummen:</b> Stock or Stock Options - Non-Public (Including Start-up) - Vektor Medical.
Juergen Kuschyk	<b>J. Kuschyk:</b> Nothing relevant to disclose.
Karl-Heinz Kuck, MD, FHRS	<b>K. Kuck:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Impulse Dynamics USA; Biotronik.
Kengo F. Kusano, MD, PhD, FHRS	<b>K.F. Kusano:</b> Nothing relevant to disclose.
Fred M. Kusumoto, MD, FHRS	<b>F.M. Kusumoto:</b> Nothing relevant to disclose.
Valentina Kutiyifa, MD, PhD, FHRS	<b>V. Kutiyifa:</b> Research (Contracted Grants for PIs and Named Investigators only) - Spire Inc.; Boston Scientific; Zoll Medical Corporation; Biotronik. Honoraria/Speaking/Consulting Fee - Zoll Medical Corporation; Biotronik.
Kevin F. Kwaku, MD, PhD	<b>K.F. Kwaku:</b> Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific.
Sit-Yee Kwok, MBChB	<b>S. Kwok:</b> Nothing relevant to disclose.
Andre La Gerche, MBBS, PhD	<b>A. La Gerche:</b> Nothing relevant to disclose.
Mark La Meir, MD, PhD	<b>M. La Meir:</b> Honoraria/Speaking/Consulting Fee - AtriCure, Inc..
Evgenii Labartkava	<b>E. Labartkava:</b> Nothing relevant to disclose.
Dhanunjaya R. Lakkireddy, MD, FHRS	<b>D. Lakkireddy:</b> Speaker's Bureau - Boston Scientific; Biosense Webster, Inc.; Janssen Pharmaceuticals. Honoraria/Speaking/Consulting Fee - Abbott.
Pier D. Lambiase, BCH, BM, MBChB, PhD, FHRS	<b>P.D. Lambiase:</b> Nothing relevant to disclose.
Rachel J. Lampert, MD, FHRS	<b>R.J. Lampert:</b> Research (Contracted Grants for PIs and Named Investigators only) - MediLynx; Medtronic. Honoraria/Speaking/Consulting Fee - Medtronic.
Andrew Paul Landstrom, MD, PhD, FHRS	<b>A.P. Landstrom:</b> Nothing relevant to disclose.
Martin J. LaPage, MD, MS, FHRS, CCDS, CEPS-P	<b>M.J. LaPage:</b> Nothing relevant to disclose.
Amy E. Larson, PAC, CCDS	<b>A.E. Larson:</b> Nothing relevant to disclose.
Lyle W. Larson, PhD, PAC	<b>L.W. Larson:</b> Nothing relevant to disclose.
Ian H. Law, BSE, MD, FHRS	<b>I.H. Law:</b> Honoraria/Speaking/Consulting Fee - Abbott.

Christophe Leclercq, MD, PhD	<b>C. Leclercq:</b> Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; MicroPort; Biotronik.
Justin Z. Lee, MD	<b>J.Z. Lee:</b> Nothing relevant to disclose.
Nancy A. Lee, RN, FHRS, CCDS	<b>N.A. Lee:</b> Nothing relevant to disclose.
Paul A. LeLorier, MD, FHRS	<b>P.A. LeLorier:</b> Nothing relevant to disclose.
Bruce B. Lerman, MD, FHRS, CCDS	<b>B.B. Lerman:</b> Nothing relevant to disclose.
Benjamin D. Levine, MD	<b>B.D. Levine:</b> Nothing relevant to disclose.
Thorsten W. Lewalter, PhD	<b>T.W. Lewalter:</b> Honoraria/Speaking/Consulting Fee - Bayer Healthcare Pharmaceuticals; Bristol-Myers Squibb; Medtronic; Biotronik; Daiichi; AtriCure, Inc.; Abbott.
Krystina B. Lewis	<b>K.B. Lewis:</b> Nothing relevant to disclose.
Na Li, PhD	<b>N. Li:</b> Nothing relevant to disclose.
JoAnn Lindenfeld	<b>J. Lindenfeld:</b> Honoraria/Speaking/Consulting Fee - CVRx Inc..
Mark S. Link, MD, FHRS	<b>M.S. Link:</b> Nothing relevant to disclose.
Dominik K. Linz, MD, PhD	<b>D.K. Linz:</b> Nothing relevant to disclose.
Andrew Lin, MD	<b>A. Lin:</b> Nothing relevant to disclose.
Christopher F. Liu, MD, FHRS	<b>C.F. Liu:</b> Nothing relevant to disclose.
Michael S. Lloyd, MD, FHRS	<b>M.S. Lloyd:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Boston Scientific.
Kathy A. Loveless, DNP, CEPS, CCDS	<b>K.A. Loveless:</b> Nothing relevant to disclose.
Steven A. Lubitz, MD, MPH	<b>S.A. Lubitz:</b> Honoraria/Speaking/Consulting Fee - Bayer Healthcare Pharmaceuticals; Bristol-Myers Squibb. Research (Contracted Grants for PIs and Named Investigators only) - Bayer Healthcare Pharmaceuticals; Bristol-Myers Squibb; Boehringer Ingelheim; IBM.
Alicia Lundby, PhD	<b>A. Lundby:</b> Nothing relevant to disclose.
Stefan Luther	<b>S. Luther:</b> Nothing relevant to disclose.
Christoph Maack, MD	<b>C. Maack:</b> Honoraria/Speaking/Consulting Fee - Boehringer Ingelheim; Servier; Servier; Amgen; Astra Zeneca; Novo Nordisk; Pharma.
Ciorsti MacIntyre, MD	<b>C. MacIntyre:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Abbott.
Judith A. Mackall, MD, FHRS	<b>J.A. Mackall:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Laurent Macle, MD, FHRS	<b>L. Macle:</b> Honoraria/Speaking/Consulting Fee - Bristol-Myers Squibb; Biosense Webster, Inc.; Pfizer, Inc.; Servier.
Christina L. Magnelli-Reyes, BSN, RN	<b>C.L. Magnelli-Reyes:</b> Nothing relevant to disclose.

Douglas Y. Mah, MD, FHRS, CEPS-P	<b>D.Y. Mah:</b> Nothing relevant to disclose.
Christian Mahnkopf, MD	<b>C. Mahnkopf:</b> Nothing relevant to disclose.
John M. Mandrola, MD	<b>J.M. Mandrola:</b> Nothing relevant to disclose.
Jaimie Manlucu, MD	<b>J. Manlucu:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Baylis Medical Company.
Moussa Mansour, MD, FHRS	<b>M. Mansour:</b> Stock or Stock Options - Non-Public (Including Start-up) - EPD Solutions; NewPace Ltd; Affera Inc. Research (Contracted Grants for PIs and Named Investigators only) - Abbott; Biosense Webster, Inc.. Honoraria/Speaking/Consulting Fee - Boston Scientific; Biosense Webster, Inc.; Abbott; Medtronic.
Francis E. Marchlinski, MD, FHRS	<b>F.E. Marchlinski:</b> Honoraria/Speaking/Consulting Fee - Abbott; Biotronik; Boston Scientific; Medtronic; Biosense Webster, Inc.; Philips.
Steven M. Markowitz, MD, FHRS	<b>S.M. Markowitz:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific. Independent Contractor - Respicardia.
Martin Maron, MD	<b>M. Maron:</b> Research (Contracted Grants for PIs and Named Investigators only) - iRhythm Technologies; Cytokinetics; Celltrion; Takeda; Imbria.
Nassir F Marrouche, MD, FHRS	<b>N.F. Marrouche:</b> Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc.; Abbott; Boston Scientific; Janssen Pharmaceuticals. Honoraria/Speaking/Consulting Fee - Biotronik; Biosense Webster, Inc.; Preventice; Bristol-Myers Squibb. Ownership/Partnership/Principal - Cardiac Design, Spouse/Partner.
David T. Martin, MD, FHRS, CCDS	<b>D.T. Martin:</b> Nothing relevant to disclose.
James F. Martin, MD, PhD	<b>J.F. Martin:</b> co-founder - Yap Therapeutics.
Paul J. Mather, MD	<b>P.J. Mather:</b> Research (Contracted Grants for PIs and Named Investigators only) - Novartis.
Nishaki Mehta, MD, FHRS	<b>N. Mehta:</b> Nothing relevant to disclose.
Theofanie Mela, MD	<b>T. Mela:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biotronik; Abbott.
G. Stuart Stuart Mendenhall, MD, FHRS	<b>G.S. Mendenhall:</b> Honoraria/Speaking/Consulting Fee - Medtronic. Stock or Stock Options - Non-Public (Including Start-up) - Grektek, LLC.
Faisal M. Merchant, MD	<b>F.M. Merchant:</b> Nothing relevant to disclose.
Jose L. Merino, MD, PhD	<b>J.L. Merino:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Abbott; Boston Scientific; MicroPort; Abbott.
Gregory F. Michaud, MD, FHRS	<b>G.F. Michaud:</b> Honoraria/Speaking/Consulting Fee - Abbott; Mediasphere Medical; Boston Scientific; Biotronik; Medtronic.
Melissa E. Middeldorp, PhD	<b>M.E. Middeldorp:</b> Nothing relevant to disclose.

Marc A. Miller, MD	<b>M.A. Miller:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific.
Satish K. Misra, MD	<b>S.K. Misra:</b> Nothing relevant to disclose.
Maria Miszczak-Knecht, MD, PhD	<b>M. Miszczak-Knecht:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc..
Raman L. Mitra, MD, PhD, FHRS	<b>R.L. Mitra:</b> Nothing relevant to disclose.
Suneet Mittal, MD, FHRS	<b>S. Mittal:</b> Honoraria/Speaking/Consulting Fee - AltaThera Pharmaceuticals; AtriCure, Inc.; Baylis Medical Company; Boston Scientific; Impulse Dynamics USA; Medtronic; Philips; Sanofi.
Christina Y. Miyake, MD, MS	<b>C.Y. Miyake:</b> Nothing relevant to disclose.
Jose M. Moltedo, MD	<b>J.M. Moltedo:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Lluis Mont, MD	<b>L. Mont:</b> Stock or Stock Options - Non-Public (Including Start-up) - ADAS 3D. Honoraria/Speaking/Consulting Fee - Medtronic; Abbott; Boston Scientific.
Claudia Moreno	<b>C. Moreno:</b> Nothing relevant to disclose.
Daniel P. Morin, MD, MPH, FHRS	<b>D.P. Morin:</b> Speakers' Bureau - Zoll Medical Corporation; Boston Scientific. Honoraria/Speaking/Consulting Fee - Abbott.
John P. Morrow, MD, FHRS	<b>J.P. Morrow:</b> Nothing relevant to disclose.
Ivan Moskowitz, MD, PhD	<b>I. Moskowitz:</b> Nothing relevant to disclose.
Kara S. Motonaga, MD, FHRS, CEPS-P	<b>K.S. Motonaga:</b> Nothing relevant to disclose.
Patricia B. Munroe, BS, MSci, PhD	<b>P.B. Munroe:</b> Nothing relevant to disclose.
Daniele Muser, BS	<b>D. Muser:</b> Nothing relevant to disclose.
Koonlawee Nademanee, MD, FHRS, CCDS	<b>K. Nademanee:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.. Royalty Income - Biosense Webster, Inc.. Research (Contracted Grants for PIs and Named Investigators only) - Medtronic.
Girish M. Nair, MBBS, MD, MHS, FHRS	<b>G.M. Nair:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.. Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc..
Hiroshi Nakagawa, MD, PhD	<b>H. Nakagawa:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Boston Scientific; Japan Lifeline; Affera; Galaxy Medical, Inc; Fukuda-Denshi.
Narayanan K. Namboodiri, MD, PhD	<b>N.K. Namboodiri:</b> Nothing relevant to disclose.
Andrea Natale, MD, FHRS	<b>A. Natale:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc.; Boston Scientific; Abbott; Baylis Medical Company; Biotronik.
Stanley Nattel, MD, FHRS	<b>S. Nattel:</b> Honoraria/Speaking/Consulting Fee - Long QT Therapeutics.



Hemal M. Nayak, MD, FHRS	<b>H.M. Nayak:</b> Honoraria/Speaking/Consulting Fee - Spectranetics Corporation; Aziyo Biologics; Abbott; Boston Scientific; Biotronik; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - Philips.
Saman Nazarian, MD, PhD, FHRS	<b>S. Nazarian:</b> Honoraria/Speaking/Consulting Fee - CardioSolv, LLC; Circle Software; Circle Software. Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc.; Imricor; ADAS 3D.
Pablo B. Nery, MD	<b>P.B. Nery:</b> Nothing relevant to disclose.
Petr Neuzil, MD	<b>P. Neuzil:</b> Honoraria/Speaking/Consulting Fee - Abbott; Biosense Webster, Inc.; CardioFocus, Inc.; Farapulse; Apama Medical; Boston Scientific; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - EBR Systems; NewPace Ltd.
Steven A. Niederer, PhD	<b>S.A. Niederer:</b> Research (Contracted Grants for PIs and Named Investigators only) - EBR Systems.
Mary C. Niu, MD	<b>M.C. Niu:</b> Nothing relevant to disclose.
Katja E. Odening	<b>K.E. Odening:</b> Nothing relevant to disclose.
Hetal Odobasic, BS, MS	<b>H. Odobasic:</b> Nothing relevant to disclose.
James O'Hara, PAC, RCIS, RCVT	<b>J. O'Hara:</b> Nothing relevant to disclose.
Yasuo Okumura, MD, PhD	<b>Y. Okumura:</b> Honoraria/Speaking/Consulting Fee - Daiichi Sankyo; Bayer Healthcare Pharmaceuticals. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific; Abbott Japan; Medtronic; Nihon Kohden; Japan Lifeline.
Melissa Olen, MSN	<b>M. Olen:</b> Nothing relevant to disclose.
Brian Olshansky, MD, FHRS, CCDS	<b>B. Olshansky:</b> Honoraria/Speaking/Consulting Fee - Sanofi; Respocardia; Lundbeck; Boehringer Ingelheim; Amarin. Data Safety Monitoring Board - Amarin.
Oscar Oseroff, MD	<b>O. Oseroff:</b> Nothing relevant to disclose.
Jose Osorio, MD, FHRS	<b>J. Osorio:</b> Nothing relevant to disclose.
Ali Oto, MD, FHRS	<b>A. Oto:</b> Independent Review Committee for ERISTA - Pfizer, Inc.. Proctorship Fee - Medtronic. Travel/Entertainment - Boston Scientific. Honoraria/Speaking/Consulting Fee - Daiichi; A. Menarini Research and Business Service GmbH; Bayer Healthcare Pharmaceuticals.
Firat Ozcan	<b>F. Ozcan:</b> Nothing relevant to disclose.
Santosh K. Padala, MBBS	<b>S.K. Padala:</b> Honoraria/Speaking/Consulting Fee - Medtronic.
Deepak Padmanabhan	<b>D. Padmanabhan:</b> Nothing relevant to disclose.
Richard L. Page, MD, FHRS	<b>R.L. Page:</b> Nothing relevant to disclose.

Ulhas Pandurangi, MBBS, MD, CCDS	<b>U. Pandurangi:</b> Nothing relevant to disclose.
Andrew L. Papez, MD, FHRS, CCDS	<b>A.L. Papez:</b> Nothing relevant to disclose.
Ratika Parkash, MD, MS, FHRS	<b>R. Parkash:</b> Honoraria/Speaking/Consulting Fee - Servier. Research (Contracted Grants for PIs and Named Investigators only) - Abbott; Medtronic; Novartis.
Joshua Parker, MD	<b>J. Parker:</b> Nothing relevant to disclose.
Jeong Wook Park, RT	<b>J. Park:</b> Nothing relevant to disclose.
Alex Parker, MD	<b>A. Parker:</b> Nothing relevant to disclose.
Robert H. Pass, MD	<b>R.H. Pass:</b> Nothing relevant to disclose.
Rod S. Passman, MD, FHRS	<b>R.S. Passman:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Janssen Pharmaceuticals.
Rajeev Kumar Pathak, MBBS, PhD, FHRS	<b>R.K. Pathak:</b> Nothing relevant to disclose.
Kristen K. Patton, MD, FHRS	<b>K.K. Patton:</b> Nothing relevant to disclose.
Cara N. Pellegrini, MD, FHRS	<b>C.N. Pellegrini:</b> Nothing relevant to disclose.
Robert L. Percell, MD	<b>R.L. Percell:</b> Honoraria/Speaking/Consulting Fee - Abbott; AstraZeneca; Pfizer/BMS.
James C. Perry, MD, FHRS, CEPS-P	<b>J.C. Perry:</b> Nothing relevant to disclose.
Francois Philippon, MD, FHRS	<b>F. Philippon:</b> Nothing relevant to disclose.
Jonathan P. Piccini, MD, MHS, FHRS	<b>J.P. Piccini:</b> Honoraria/Speaking/Consulting Fee - Sanofi; Abbott; ARCA Biopharma Inc.; Medtronic; Philips; Biotronik; Allergan; LivaNova; Myokardia. Research (Contracted Grants for PIs and Named Investigators only) - Bayer Healthcare Pharmaceuticals; Abbott; Boston Scientific; Boston Scientific; Philips.
Daniel Antonie Pijnappels, PhD	<b>D.A. Pijnappels:</b> Nothing relevant to disclose.
Rhea Pimentel, MD, FHRS	<b>R. Pimentel:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.. Speakers' Bureau - Medtronic.
Pyotr G. Platonov, MD, PhD, FHRS	<b>P.G. Platonov:</b> Nothing relevant to disclose.
Sunny S. Po, MD, PhD, FHRS	<b>S.S. Po:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Boston Scientific. Intellectual Property Rights - NanoMed Targeting System.
Jeanne E Poole, MD, FHRS, CCDS	<b>J.E. Poole:</b> Research (Contracted Grants for PIs and Named Investigators only) - Kestra, Inc; AtriCure, Inc.; Biotronik. Royalty Income - Elsevier. Honoraria/Speaking/Consulting Fee - EBR Systems.
Andreu Porta-Sanchez, MD, PhD	<b>A. Porta-Sanchez:</b> Nothing relevant to disclose.
Pieter Gerard Postema, MD, PhD	<b>P.G. Postema:</b> Nothing relevant to disclose.

Adam Potter, MD, PhD	<b>A. Potter:</b> Nothing relevant to disclose.
Eric N. Prystowsky, MD, FHRS	<b>E.N. Prystowsky:</b> Honoraria/Speaking/Consulting Fee - CardioNet, Inc.; Medtronic.
Daniel N. Pugliese, MD	<b>D.N. Pugliese:</b> Nothing relevant to disclose.
Margarida Pujol Lopez, MD	<b>M. Pujol Lopez:</b> Nothing relevant to disclose.
Helmut Purerfellner, MD	<b>H. Purerfellner:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Abbott; Medtronic; Boehringer Ingelheim; Daiichi Sankyo; Bristol-Myers Squibb; Boston Scientific.
Zhiyong Qian	<b>Z. Qian:</b> Nothing relevant to disclose.
T. Alexander Quinn, PhD	<b>T. Quinn:</b> Nothing relevant to disclose.
Levio Quinto, MD	<b>L. Quinto:</b> Nothing relevant to disclose.
Laurel Kay Racenet, MSN, FNP, FHRS, CEPS, CCDS	<b>L.K. Racenet:</b> Nothing relevant to disclose.
Praveen K. Rao, MD	<b>P.K. Rao:</b> Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; Biosense Webster, Inc..
Venkatesh Ravi, MD	<b>V. Ravi:</b> Nothing relevant to disclose.
Vivek Y. Reddy, MD	<b>V.Y. Reddy:</b> Stock or Stock Options - Non-Public (Including Start-up) - Farapulse; Acutus Medical Inc; Affera Inc; Luxcath; Aquaheart; Manual Surgical Sciences; Autonomix; Medlumics; VytronUS, Inc.; Circa Scientific; VIZARA; Apama Medical; EPD; EPIX Therapeutics; CardiaCare; Ablacon; Dinova; Kardium; Sirona Medical Technologies, Inc. Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; Biosense Webster, Inc.; Philips; Boston Scientific; CardioFocus, Inc.; CardioNXT; AFTX; Pulse Biosciences.
Calum J. Redpath, MBChB, PhD	<b>C.J. Redpath:</b> Nothing relevant to disclose.
Marwan M. Refaat, MD, FHRS	<b>M.M. Refaat:</b> Nothing relevant to disclose.
Estelle Renard	<b>E. Renard:</b> Nothing relevant to disclose.
Stacey Rentschler, MD, PhD	<b>S. Rentschler:</b> Nothing relevant to disclose.
Travis D. Richardson, MD	<b>T.D. Richardson:</b> Nothing relevant to disclose.
John Rickard, MD, MPH	<b>J. Rickard:</b> Research (Contracted Grants for PIs and Named Investigators only) - St. Jude Medical. Honoraria/Speaking/Consulting Fee - Medtronic; St. Jude Medical.
Michiel Rienstra, PhD	<b>M. Rienstra:</b> Nothing relevant to disclose.
Rebecca S. Riepshoff, PAC, CCDS	<b>R.S. Riepshoff:</b> Nothing relevant to disclose.

Christopher A. Rinaldi, MBBS, MD, FHRS	<b>C.A. Rinaldi:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic; Abbott; Boston Scientific; LivaNova. Honoraria/Speaking/Consulting Fee - EBR Systems. Speakers' Bureau - Spectranetics Corporation.
Crystal M. Ripplinger, PhD, FHRS	<b>C.M. Ripplinger:</b> Nothing relevant to disclose.
Andrea Robinson, MSN, ACNP	<b>A. Robinson:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific.
Melissa R. Robinson, MD, FHRS, CCDS	<b>M.R. Robinson:</b> Honoraria/Speaking/Consulting Fee - Abbott; Biotronik; Biosense Webster, Inc.. Research (Contracted Grants for PIs and Named Investigators only) - Abbott; Medtronic.
Ellis Rochelson, MD	<b>E. Rochelson:</b> Nothing relevant to disclose.
Dan M. Roden, MD, FHRS	<b>D.M. Roden:</b> Nothing relevant to disclose.
Blanca Rodriguez, PhD	<b>B. Rodriguez:</b> Research (Contracted Grants for PIs and Named Investigators only) - Amgen.
Jorge Romero, MD, FHRS	<b>J. Romero:</b> Nothing relevant to disclose.
Lynda E. Rosenfeld, MD, FHRS	<b>L.E. Rosenfeld:</b> Stock or Stock Options - Public - Abbott;.
Ferran Roses-Noguer, MD, PhD	<b>F. Roses-Noguer:</b> Nothing relevant to disclose.
Lindsey A. Rosman, PhD	<b>L.A. Rosman:</b> Nothing relevant to disclose.
Lauren Ashley Rousseau, PAC, CCDS	<b>L.A. Rousseau:</b> Per diem AF solutions - Medtronic.
Andrea M. Russo, MD, FHRS	<b>A.M. Russo:</b> Research (Contracted Grants for PIs and Named Investigators only) - MediLynx.
Eduardo B. Saad, MD, PhD, FHRS	<b>E.B. Saad:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Abbott.
Elizabeth V. Saarel, MD, FHRS, CEPS-P	<b>E.V. Saarel:</b> Nothing relevant to disclose.
Samir F. Saba, MD, FHRS	<b>S.F. Saba:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Medtronic. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific; Medtronic; Abbott.
Sanjeev Saksena, MBBS, MD, FHRS	<b>S. Saksena:</b> Nothing relevant to disclose.
Pablo Ignacio Salazar, MD	<b>P.I. Salazar:</b> Nothing relevant to disclose.
Soraya M. Samii, MD, PhD, FHRS	<b>S.M. Samii:</b> Nothing relevant to disclose.
Prash Sanders	<b>P. Sanders:</b> Nothing relevant to disclose.
Roopinder K. Sandhu, MD, MPH, FHRS	<b>R.K. Sandhu:</b> Nothing relevant to disclose.
Pasquale Santangeli, MD, PhD	<b>P. Santangeli:</b> Honoraria/Speaking/Consulting Fee - Abbott; Biosense Webster, Inc.; Medtronic.
John L. Sapp, MD, FHRS	<b>J.L. Sapp:</b> Nothing relevant to disclose.

Abdullah Sarkar	<b>A. Sarkar:</b> Nothing relevant to disclose.
William H. Sauer, MD, FHRS, CCDS	<b>W.H. Sauer:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Abbott; Biotronik. Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc..
Eleonora Savio-Galimberti, MD, PhD	<b>E. Savio-Galimberti:</b> Nothing relevant to disclose.
Anil Saxena, MBBS, MD	<b>A. Saxena:</b> Nothing relevant to disclose.
Jill Boone Schaeffer, MSN, CRNP, FHRS, CEPS, CCDS	<b>J.B. Schaeffer:</b> Honoraria/Speaking/Consulting Fee - Abbott; CHART Healthcare Academy.
Robert D. Schaller, DO, FHRS	<b>R.D. Schaller:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Abbott; Invuity; Philips; Biotronik.
Melvin M. Scheinman, MD, FHRS	<b>M.M. Scheinman:</b> Honoraria/Speaking/Consulting Fee - Abbott; Boston Scientific; Johnson and Johnson.
John W. Schleifer, MD	<b>J.W. Schleifer:</b> Nothing relevant to disclose.
Claus G. Schmitt, MD, PhD	<b>C.G. Schmitt:</b> Nothing relevant to disclose.
Mark H. Schoenfeld, MD, FHRS, CCDS	<b>M.H. Schoenfeld:</b> Stock or Stock Options - Public - Apple Inc., Spouse/Partner.
Peter J. Schwartz, MD	<b>P.J. Schwartz:</b> Honoraria/Speaking/Consulting Fee - Preventice.
Samuel F. Sears, PhD	<b>S.F. Sears:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Abbott; Zoll Medical Corporation; Milestone Pharmaceuticals.
Amber Seiler, NP, FHRS, CEPS,CCDS	<b>A. Seiler:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc..
Kimberly A. Selzman, MD, MPH, FHRS	<b>K.A. Selzman:</b> Nothing relevant to disclose.
Kevin Shah	<b>K. Shah:</b> Nothing relevant to disclose.
Kuldeep Bharat Shah, MD	<b>K.B. Shah:</b> Nothing relevant to disclose.
Maully J. Shah, MBBS, FHRS, CCDS, CEPS-P	<b>M.J. Shah:</b> Honoraria/Speaking/Consulting Fee - Medtronic.
Neil Shah, MD; Robert D. Schaller, DO, FHRS	<b>N. Shah:</b> Nothing relevant to disclose.
Parikshit S. Sharma, MD, MPH, FHRS	<b>P.S. Sharma:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Abbott; Biotronik; Boston Scientific.
Julie B. Shea, MS, MSN, FHRS, CCDS	<b>J.B. Shea:</b> Nothing relevant to disclose.
Win-Kuang Shen, MD, FHRS	<b>W. Shen:</b> Nothing relevant to disclose.
Elizabeth D. Sherwin, MD, FHRS, CEPS-P	<b>E.D. Sherwin:</b> Nothing relevant to disclose.
Kalyanam Shivkumar, MD, PhD, FHRS	<b>K. Shivkumar:</b> Nothing relevant to disclose.

Michael J. Silka, MD	<b>M.J. Silka:</b> Nothing relevant to disclose.
Joshua R. Silverstein, MD, FHRS	<b>J.R. Silverstein:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Medtronic.
Massimo S. Silvetti, MD	<b>M.S. Silvetti:</b> Nothing relevant to disclose.
Jagmeet P. Singh, MD, PhD, FHRS	<b>J.P. Singh:</b> Honoraria/Speaking/Consulting Fee - MicroPort CRM; Cardiologs; Abbott; Boston Scientific; Biotronik; Toray Industries Inc.; Medtronic; EBR Systems; Sanofi; Impulse Dynamics USA; New Century Health; CVRx Inc.; Merit Medical Systems.
Jonathan Robert Skinner, MBChB, MD, FHRS	<b>J.R. Skinner:</b> Nothing relevant to disclose.
David J. Slotwiner, MD, FHRS	<b>D.J. Slotwiner:</b> Nothing relevant to disclose.
Jeffrey Smietana, MD	<b>J. Smietana:</b> Nothing relevant to disclose.
Danna A. Spears, MD	<b>D.A. Spears:</b> Nothing relevant to disclose.
Jason Sperling, MD	<b>J. Sperling:</b> Ownership/Partnership/Principal - Corfigo.
Katherine G Spoonamore, MS, CGC	<b>K.G. Spoonamore:</b> Nothing relevant to disclose.
Stavros Stavrakis, MD, PhD, FHRS	<b>S. Stavrakis:</b> Nothing relevant to disclose.
Nathaniel Steiger, MD	<b>N. Steiger:</b> Nothing relevant to disclose.
Benjamin A. Steinberg, MD, MHS, FHRS	<b>B.A. Steinberg:</b> Honoraria/Speaking/Consulting Fee - Merit Medical Systems; Janssen Pharmaceuticals; Bayer Healthcare Pharmaceuticals; AltaThera Pharmaceuticals; Bayer Healthcare Pharmaceuticals. Research (Contracted Grants for PIs and Named Investigators only) - Boston Scientific; Abbott; Sanofi.
Jonathan S. Steinberg, MD, FHRS	<b>J.S. Steinberg:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Allergan; Corfigo; AtriCure, Inc.; Hillrom, Incl. Stock or Stock Options - Non-Public (Including Start-up) - AliveCor; National Cardiac; BraveHeart, Inc..
Elizabeth A. Stephenson, MD, FHRS, CEPS-P	<b>E.A. Stephenson:</b> Research (Contracted Grants for PIs and Named Investigators only) - Boehringer Ingelheim, Spouse/Partner. Honoraria/Speaking/Consulting Fee - Medtronic, Spouse/Partner; Abbott, Spouse/Partner.
Laurence D. Sterns, MD, FHRS	<b>L.D. Sterns:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Lynne Warner Stevenson, MD	<b>L.W. Stevenson:</b> Nothing relevant to disclose.
William G. Stevenson, MD, FHRS	<b>W.G. Stevenson:</b> Honoraria/Speaking/Consulting Fee - Biotronik; Abbott; Boston Scientific; Johnson and Johnson; Medtronic; Mediasphere Medical. Royalty Income - Elsevier. Stock or Stock Options - Public - Apple Inc.; Alphabet Inc; Honeywell, Inc; ; Amazon; Apple Inc.; Alphabet.
Megan M. Streur, PhD, APRN, RN	<b>M.M. Streur:</b> Nothing relevant to disclose.

Lan Su, MD, FHRS; Lei Xu; Shusheng Liao	<b>L. Su:</b> Nothing relevant to disclose.
Shunmuga Sundaram	<b>S. Sundaram:</b> Nothing relevant to disclose.
Emma Svennberg, MD, PhD	<b>E. Svennberg:</b> Honoraria/Speaking/Consulting Fee - Bayer Healthcare Pharmaceuticals; Bristol-Myers Squibb; Pfizer, Inc.; Boehringer Ingelheim; Sanofi; Merck. Research (Contracted Grants for PIs and Named Investigators only) - Roche Diagnostics.
Charles D. Swerdlow, MD, FHRS, CCDS	<b>C.D. Swerdlow:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Boston Scientific.
Rafik Tadros, MD, PhD	<b>R. Tadros:</b> Nothing relevant to disclose.
Thomas M. Tadros, MD, MPH	<b>T.M. Tadros:</b> Nothing relevant to disclose.
Ahmed Abdulkarim Talib, MBChB, PhD	<b>A.A. Talib:</b> Nothing relevant to disclose.
Harikrishna Tandri, MD	<b>H. Tandri:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Ronn E. Tanel, MD, FHRS, CEPS-P	<b>R.E. Tanel:</b> Nothing relevant to disclose.
Khalidoun G. Tarakji, MD, MPH, FHRS	<b>K.G. Tarakji:</b> Honoraria/Speaking/Consulting Fee - Medtronic; AliveCor; Janssen Pharmaceuticals.
Usha B. Tedrow, MD, MS, FHRS	<b>U.B. Tedrow:</b> Honoraria/Speaking/Consulting Fee - St. Jude Medical; Thermedical; Medtronic; Biosense Webster, Inc.; Boston Scientific.
Rachel M.A. ter Bekke, MD, PhD	<b>R.M. ter Bekke:</b> Nothing relevant to disclose.
Bernard Thibault, MD, FHRS	<b>B. Thibault:</b> Honoraria/Speaking/Consulting Fee - Abbott.
Jennifer Thibodeau	<b>J. Thibodeau:</b> Nothing relevant to disclose.
Julie Mary Thomas, PAC, CCDS	<b>J.M. Thomas:</b> Nothing relevant to disclose.
Kevin Thomas, MD, FHRS	<b>K. Thomas:</b> Nothing relevant to disclose.
Fleur V. Tjong, MD	<b>F.V. Tjong:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific.
Kathryn E. Tobert, BA	<b>K.E. Tobert:</b> Nothing relevant to disclose.
Christine Tompkins, MD, FHRS	<b>C. Tompkins:</b> Nothing relevant to disclose.
John K. Triedman, MD, FHRS, CEPS-P	<b>J.K. Triedman:</b> Nothing relevant to disclose.
Martin Tristani-Firouzi, MD	<b>M. Tristani-Firouzi:</b> Nothing relevant to disclose.
Mellanie True Hills	<b>M. True Hills:</b> Nothing relevant to disclose.
Zian H. Tseng, MD	<b>Z.H. Tseng:</b> Nothing relevant to disclose.
Amy G. Tucker, BSN, CCDS	<b>A.G. Tucker:</b> Speakers' Bureau - Biotronik.
Heather Tulloch	<b>H. Tulloch:</b> Nothing relevant to disclose.

Patricia Tung, MD, MPH	<b>P. Tung:</b> Nothing relevant to disclose.
Roderick Tung, MD, FHRS	<b>R. Tung:</b> Honoraria/Speaking/Consulting Fee - Abbott; Biotronik; Medtronic.
Mohit K. Turagam, MD, FHRS	<b>M.K. Turagam:</b> Nothing relevant to disclose.
Mintu P. Turakhia, MD, MS, FHRS	<b>M.P. Turakhia:</b> Research (Contracted Grants for PIs and Named Investigators only) - Apple Inc.; Bristol-Myers Squibb; Bayer Healthcare Pharmaceuticals. Honoraria/Speaking/Consulting Fee - Janssen Pharmaceuticals; Biotronik; Medtronic; Abbott; Pfizer, Inc.; Myokardia; Milestone Pharmaceuticals.
Volkan Tuzcu, MD	<b>V. Tuzcu:</b> Nothing relevant to disclose.
Wendy S. Tzou, MD, FHRS	<b>W.S. Tzou:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Biosense Webster, Inc.; BioSig; Abbott; Boston Scientific; Biotronik.
Gaurav A. Upadhyay, MD, FHRS	<b>G.A. Upadhyay:</b> Honoraria/Speaking/Consulting Fee - Biotronik; Medtronic; Abbott; Zoll Medical Corporation.
Jolanda Van der Velden, PhD	<b>J. Van der Velden:</b> Nothing relevant to disclose.
Isabelle C. Van Gelder, MD, PhD	<b>I.C. Van Gelder:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic.
George F. Van Hare, MD, FHRS, CEPS-P	<b>G.F. Van Hare:</b> Nothing relevant to disclose.
Antoinette van Ouwerkerk	<b>A. van Ouwerkerk:</b> Nothing relevant to disclose.
Nele Vandersickel, PhD	<b>N. Vandersickel:</b> Nothing relevant to disclose.
Niraj Varma, MD, PhD	<b>N. Varma:</b> Honoraria/Speaking/Consulting Fee - Medtronic; Impulse Dynamics USA; Abbott; Boston Scientific; Biotronik.
Paul D. Varosy, MD, FHRS	<b>P.D. Varosy:</b> Nothing relevant to disclose.
Marmar Vaseghi, MD, MS, PhD, FHRS	<b>M. Vaseghi:</b> Nothing relevant to disclose.
Atul Verma, MD, FHRS	<b>A. Verma:</b> Research (Contracted Grants for PIs and Named Investigators only) - Bayer Healthcare Pharmaceuticals; Biotronik. Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Medtronic; Thermedical.
Pugazhendhi Vijayaraman, MD, FHRS	<b>P. Vijayaraman:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic. Honoraria/Speaking/Consulting Fee - Abbott; Medtronic; Biotronik.
JUAN F. VILES GONZALEZ, MD, FHRS	<b>J.F. Viles Gonzalez:</b> Nothing relevant to disclose.
Sami Viskin, MD	<b>S. Viskin:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific.
Niels Voigt, MD	<b>N. Voigt:</b> Nothing relevant to disclose.
Paul G a Volders, MD, PhD	<b>P.G. Volders:</b> Nothing relevant to disclose.



Nicholas H. Von Bergen, MD	<b>N.H. Von Bergen:</b> Nothing relevant to disclose.
Aleksandr Voskoboinik, MBBS, PhD	<b>A. Voskoboinik:</b> Nothing relevant to disclose.
Andrew A. Vu, MD; Duy Thai Nguyen, MA, MD, FHRS	<b>A.A. Vu:</b> Nothing relevant to disclose.
Philip L. Wackel, MD, FHRS, CEPS-P	<b>P.L. Wackel:</b> Nothing relevant to disclose.
T. Jennifer Walker, MSN, ANP	<b>T. Walker:</b> Research (Contracted Grants for PIs and Named Investigators only) - Bristol-Myers Squibb.
Edward P. Walsh, MD, FHRS, CCDS, CEPS-P	<b>E.P. Walsh:</b> Nothing relevant to disclose.
Elaine Wan, MD, FHRS	<b>E. Wan:</b> Nothing relevant to disclose.
Lianguo Wang, MD; Crystal M. Ripplinger, PhD, FHRS	<b>L. Wang:</b> Nothing relevant to disclose.
Wendy Wang, MPH	<b>W. Wang:</b> Nothing relevant to disclose.
Kendra M. Ward, MD, MSci	<b>K.M. Ward:</b> Nothing relevant to disclose.
April K. Watkins, MSN, APRN, CNS	<b>A.K. Watkins:</b> Nothing relevant to disclose.
Oussama M. Wazne, MD, FHRS	<b>O.M. Wazni:</b> Honoraria/Speaking/Consulting Fee - Boston Scientific; Biosense Webster, Inc..
Xander H. T. Wehrens, MD, PhD, FHRS	<b>X.H. Wehrens:</b> Nothing relevant to disclose.
Stacy B. Westerman, MD, MPH	<b>S.B. Westerman:</b> Nothing relevant to disclose.
Zachary I. Whinnett, BMBS, PhD	<b>Z.I. Whinnett:</b> Intellectual Property Rights - Finapres Medical Systems B.V.. Honoraria/Speaking/Consulting Fee - Medtronic; Abbott.
Hollis Whittington, PhD	<b>H. Whittington:</b> Salary from Employment (Commercial Interest) - Biotronik.
Dan Wichterle, MD, PhD	<b>D. Wichterle:</b> Nothing relevant to disclose.
Jane E. Wilcox, MD	<b>J.E. Wilcox:</b> Nothing relevant to disclose.
Arthur A. M. Wilde, MD, PhD	<b>A.A. Wilde:</b> Nothing relevant to disclose.
Bruce L. Wilkoff, MD, FHRS, CCDS	<b>B.L. Wilkoff:</b> Honoraria/Speaking/Consulting Fee - Abbott; Philips; Medtronic.
Mark Willcox, MD	<b>M. Willcox:</b> Nothing relevant to disclose.
Jonathan Willner, MD	<b>J. Willner:</b> Nothing relevant to disclose.
Roger A. Winkle, MD, FHRS	<b>R.A. Winkle:</b> Nothing relevant to disclose.
Niraj Yadav	<b>N. Yadav:</b> Nothing relevant to disclose.

Teiichi Yamane, MD, PhD, FHRS	<b>T. Yamane:</b> Honoraria/Speaking/Consulting Fee - Bayer Healthcare Pharmaceuticals; Daiichi Sankyo. Research (Contracted Grants for PIs and Named Investigators only) - Boehringer Ingelheim.
KENNOSUKE YAMASHITA, MD, FHRS	<b>K. Yamashita:</b> Nothing relevant to disclose.
Sing-Chien Yap, MD, PhD	<b>S. Yap:</b> Research (Contracted Grants for PIs and Named Investigators only) - Medtronic; Biotronik.
Lawrence Young	<b>L. Young:</b> Nothing relevant to disclose.
William Young, MBBS	<b>W. Young:</b> Nothing relevant to disclose.
Erica S. Zado, PAC, FHRS	<b>E.S. Zado:</b> Nothing relevant to disclose.
Junaid A.B Zaman, MA, MD, PhD, CCDS	<b>J.A. Zaman:</b> Honoraria/Speaking/Consulting Fee - Acutus Medical Inc.
Francesco Zanon, MD, FHRS	<b>F. Zanon:</b> Nothing relevant to disclose.
Wojciech Zareba, MD, PhD	<b>W. Zareba:</b> Research (Contracted Grants for PIs and Named Investigators only) - Gilead Sciences, Inc.; LivaNova; Biotronik. Honoraria/Speaking/Consulting Fee - Medtronic.
Paul C. Zei, MD, PhD, FHRS	<b>P.C. Zei:</b> Honoraria/Speaking/Consulting Fee - Biosense Webster, Inc.; Varian Medical Systems. Research (Contracted Grants for PIs and Named Investigators only) - Biosense Webster, Inc..
Emily P. Zeitler, MD, MHS	<b>E.P. Zeitler:</b> Honoraria/Speaking/Consulting Fee - Medtronic.
Katja Zeppenfeld, MD, PhD	<b>K. Zeppenfeld:</b> Nothing relevant to disclose.
Xiaodong Zhang, MD, PhD	<b>X. Zhang:</b> Nothing relevant to disclose.
Michael R. Zile, MD	<b>M.R. Zile:</b> Honoraria/Speaking/Consulting Fee - CVRx Inc.. Research (Contracted Grants for PIs and Named Investigators only) - CVRx Inc..
Peter J. Zimetbaum, MD, FHRS	<b>P.J. Zimetbaum:</b> Nothing relevant to disclose.
Frank J. Zimmerman, MD, CEPS-P	<b>F.J. Zimmerman:</b> Nothing relevant to disclose.
Matthew M. Zipse, MD	<b>M.M. Zipse:</b> Honoraria/Speaking/Consulting Fee - Philips; Biosense Webster, Inc..
Jiangang Zou, MD, FHRS	<b>J. Zou:</b> Nothing relevant to disclose.
Bram D. Zuckerman, MD	<b>B.D. Zuckerman:</b> Nothing relevant to disclose.