

Desired Learning Outcomes

The AATS 102nd Annual Meeting has been rated compliant with the MedTech Europe Code of Ethical Business Practice.

At the end of this activity, participants will be able to:

- Identify the latest techniques and current research specifically related to adult cardiac surgery, congenital heart disease, thoracic surgery, and perioperative care;
- Select appropriate surgical procedures and other interventions for their own patients based upon results presented;
- Incorporate the basic science developments and emerging technologies and techniques across the spectrum of cardiothoracic surgery;
- Communicate current practice management necessary for the effective and safe delivery of patient care;
- Translate expanded knowledge into practice for the improvement of patient outcomes and satisfaction.

ACCME Accreditation Statement

The American Association for Thoracic Surgery is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

The American Association for Thoracic Surgery designates this live educational activity for a maximum of 20.75 *AMA PRA Category 1 Credit(s)*[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Instructions for Claiming CME

To claim credit for this event:

- Participate in the sessions in full for which credit is sought;
- Complete the post-activity evaluation;
- A certificate of completion will be available once the evaluation is submitted.

Financial Disclosure Statements

The planners and faculty for this activity do not have any relationships to disclose unless listed below. All relevant relationships have been mitigated according to ACCME Standards for Integrity and Independence in Accredited Continuing Education.

Jamil Aboulhosn	Consultant: Edwards Lifesciences, Medtronic Inc., Abbott Inc.
*Michael A. Acker	Advisor: FineHeart
*Iki Adachi	Consultant: Berlin Heart, Inc., Abbotto, Inc., Medtronic, Inc., Jarvik, Inc., Bivacor
*David H. Adams	<p>The Icahn School of Medicine at Mount Sinai receives royalty payments from Edwards Lifesciences for intellectual property related to development of valve repair rings.</p> <p>The Icahn School of Medicine at Mount Sinai receives royalty payments from Medtronic for intellectual property related to development of valve repair rings. National Co-PI of the Medtronic APOLLO FDA Pivotal Trial and the The Medtronic CoreValve US Pivotal Trial.</p> <p>National Co-PI, NeoChord ReChord FDA Pivotal Trial: NeoChord</p> <p>National Co-PI, Abbott TRILUMINATE Pivotal Trial: Abbott</p>
*Prasad S. Adusumilli	<p>Advisor: ATARA Biotherapeutics</p> <p>Consultant: ATARA Biotherapeutics, Carisma Therapeutics, Imugene, ImmPactBio</p>
*Gorav Ailawadi	<p>Consultant: Edwards, Abbott, Medtronic, Anteris, Gore</p> <p>Speaker:</p> <p>Cryolife DSMB:</p> <p>Atricure</p>
*Nasser K. Altorki	Research Support Recipient: Astra Zeneca, Jansen
*Rakesh C. Arora	<p>Speaker: AVIR Pharma Inc, Edwards LifeSciences</p> <p>Consultant: Edwards LifeSciences</p>
*Pavan Atluri	<p>Advisor: Medtronic, Abiomed</p> <p>Speaker: Abbott</p>
*Vinay Badhwar	Research Support Recipient: Abbott
*Joseph E. Bavaria	<p>Consultant: Edwards Lifesciences, W.L. Gore & Associates</p> <p>Research Support Recipient: Edwards Lifesciences, W.L. Gore & Associates, Terumo Aortic, Medtronic Vascular, CytoSorbents, Abbott/St. Jude Medical</p> <p>DSMB Chair: Abbott/St. Jude</p> <p>Medical Speaker: Terumo Aortic</p>

*Stephen R. Broderick	Consultant: Bristol-Myers Squibb, Astra Zeneca Speaker: Astra Zeneca
*Alessando Brunelli	Advisor, Consultant: Ethicon, Medtronic, BD, Astra Zeneca
*Duke E. Cameron	Consultant: ZMedica
DuyKhanh Pham Ceppa	Consultant: Astra Zeneca, Medtronic
*Paul Chai	Consultant: Edwards Lifesciences
*Subhasis Chatterjee	Advisor: Edwards Lifesciences, La Jolla Pharmaceuticals, Baxter Pharmaceuticals
*Jonathan Chen	Consultant: WL Gore, Medtronic
*W. Randolph Chitwood, Jr.	Royalties: Scanlan International
*William Cohn	Advisor, Consultant, Shareholder excluding diversified mutual funds: BiVACOR Inc., Corvion
*Joseph S. Coselli	Consultant: Terumo Aortic, Medtronic, W.L. Gore Research Support Recipient: Terumo Aortic, Medtronic, W.L. Gore, Abbott Laboratories, Edwards Lifesciences, CryoLife (JOTEC), CytoSorbents
*Francois Dagenais	Advisor, Consultant: COOK Medical Speaker: Medtronic Inc, Edwards Lifesciences
*David A. D'Alessandro, Jr.	Speaker: Abiomed, Paragonix
*Ralph J. Damiano, Jr.	Research Support Recipient, Speaker: AtriCure Consultant: Medtronic
*Thomas A. D'Amico	Consultant: Scanlan Instruments Speaker: Medtronic
*Yves d'Udekem	Consultant: Actelion
*Nimesh Desai	Research Support Recipient, Speaker: W.L. Gore and Associates, Medtronic, Terumo Aortic
*Sitaram M. Emani	Consultant: Cheisi Pharma
Dominic Emerson	Speaker: Abiomed
*Daniel T. Engelman	Device Safety Monitoring Board: Edwards Lifescience Consultant: Astellas Pharmaceuticals
*Anthony L. Estrera	Consultant: Gore, Cryolife Speaker: Edwards Lifesciences, Terumo Aortic
*Nathaniel R. Evans, III	Research Support Recipient: Bristol Myers Squibb Foundation Consultant, Speaker: Intuitive Surgical
*Volkmar Falk	Educational Grant: Medtronic, Boston Scientific, Edwards Lifesciences, JOTEC/CryoLife GmbH Grant: LivaNova
William Fearon	Research Support Recipient: Abbott, Boston Scientific, Medtronic Shareholder; excluding diversified mutual funds: HeartFlow Consultant: CathWorks, Siemens

*Stephen E. Fremes	Research Support Recipient: Medtronic, Boston Scientific Consultant: Polypid: DSMB member
Shinichi Fukuhara	Advisor, Steering Committee: CryoLife Consultant: Terumo Aortic
*Stephanie Fuller	Consultant: W.L. Gore
Asvin Ganapathi	Consultant: Abbvie
*Isaac George	Consultant: Vdyne, Mitremedical, Cardiomech, Durvena, Foldax, Neptune Medical, MITrx
*Marc W. Gerdisch	Consultant: Biostable, Atricure, Zimmer Biomet, Cryolife, Edwards Lifescience Research Support Recipient: Biostable, Atricure, Zimmer Biomet, Cryolife
*A. Marc Gillinov	Consultant: Edwards Lifesciences, Medtronic, Abbott, CryoLife, ClearFlow, AtriCure
*Diego Gonzalez Rivas	Consultant: Scanlan
*Kendra Janel Grubb	Research Support Recipient, Speaker: Medtronic Advisor: Medtronic, 4C Medical, Ancora, Gore, Edwards, HLT Consultant: Medtronic, OpSens
*Amy Hackmann	Consultant: Abbott, Medtronic Speaker: Abbott
Waël Hanna	Research Support Recipient: Intuitive Surgical Shareholder; excluding diversified mutual funds: Intuitive Surgical Speaker: AstraZeneca, Minogue Medical Advisor: Roche Genentech
*Matthew G. Hartwig	Consultant: Paragonix, Biomedinnovations, Transmedics, Qx Therapeutics, CSL Behring Research Support Recipient: Paragonix, Biomedinnovations, Transmedics, Mallinkrodt
*G. Chad Hughes	Consultant, Research Support Recipient: W.L. Gore and Associates, Terumo Aortic Speaker: W.L. Gore and Associates
*Akinobu Itoh	Advisor: Abbott Consultant, Speaker: Abbott, Abiomed
*Marjan Jahangiri	Research Support Recipient: Edwards Lifesciences
*David R. Jones	Advisor: Merck, Inc. Consultant: AstraZeneca Speaker: Genentech, Inc
Arman Kilic	Consultant, Speaker: Abbott, Abiomed
Emmanuel Lansac	Consultant: Coroneo Inc.

*Jay M. Lee Genentech, Novartis	Consultant: AstraZeneca, Bristol Myers Squibb, Research Support REcipient: AsztraZeneca, Genentech, Bristol Myers Squibb, eCancer, Medscape Speaker: Novartis, eCancer, AstraZeneca, Genentech Steering or Executive Committee for Clinical Trials: Novartis, AstraZeneca, Genentech Shareholder, excluding diversified mutual funds: Moderna
*Bradley G. Leshnowar	Consultant: Endospa Advisor: Cryolife, Inc.
*Jules Lin	Research Support Recipient: Genentech
*Roberto Lorusso	Advisor: Eurosets, Fresenius Consultant: Medtronic, LivaNova, CORCYM, Getinge Research Support Recipient: Medtronic Speaker: Abiomed
Didier Loulmet	Speaker: Medtronic Inc.
*Katsuhide Maeda	Consultant: Berlin Heart Company, Abiomed, Abbott
*M. Blair Marshall	Research Support Recipient, Advisor: Intuitive Consultant: Ethicon
*Linda Martin	Advisor: On Target Laboratories, AstraZeneca
*Allison Joan McLarty	Advisor: Abiomed
HelenMari Merritt Genore	Consultant: Atricure
*Stephanie L. Mick	Consultant: Medtronic, Cryolife, Atricure
*Carmelo A. Milano	Consultant: Abbott
*Rita Milewski	Independent Data Monitoring Committee Advisor: Destiny Pharma
*Nahush A. Mokadam	Consultant: Abbott, Medtronic, SynCardia, Xylocor, Carmat
*Daniela Molena	Consultant: AstraZeneca, Boston Scientific, Bristol Myers Squibb, Johnson and Johnson
*Claudio Muneretto	Consultant: LivaNova, Atricure, Estech
*Maral Ouzounian	Speaker: Edwards, Medtronic, Cryolife
Dimosthenis Pandis	Research Support Recipient: TOMTEC Imaging (PI – TomTec licensed their strain software for free in the form of research license.) Systems GmbH
*Himanshu J. Patel	Consultant: W.L. Gore, Medtronic
Jack Pirris	Consultant: Zimmer Biomet

***Ourania Preventza** Consultant: Terumo Aortic, W.L. Gore & Associates

***Michael J. Reardon** Consultant: Medtronic, Boston Scientific, Abbott Medical, Gore Medical

***Hermann Reichenspurner** Consultant: Medtronic
Speaker: Abiomed, Abbott

***Eric E. Roselli** Research Support Recipient: Cook, Cryolife, Gore, Medtronic, Terumo Aortic
Speaker: Cook, Cryolife, Edwards, Terumo Aortic
Consultant: Cryolife, Gore, Edwards, Medtronic, Terumo Aortic
Advisor: Medtronic

***Marc Ruel** Research Support Recipient: Medtronic, Inc.
Consultant: Medtronic, Inc.

Rawn Salenger Advisor: Edwards Life Sciences, Zimmer Biomet
Consultant: JACE, Terumo, Encare

Jacob Niall Schroder Consultant: Abbott, Abiomed

***Scott Silvestry** Consultant: Abiomed, Medtronic, Abbott
DMSB: Carmat

***Edward Soltesz** Speaker: Abbott, AtriCure, Edwards

***Brendon M. Stiles** Advisor: AstraZeneca, Pfizer, Bristol Myers Squibb, Genentech
Consultant: AstraZeneca, Pfizer, Flame Biosciences, Galvanize Therapeutics
Research Support Recipient: Bristol Myers Squibb
Shareholder; excluding diversified mutual funds:
Wife: Xalud Therapeutics, PPD, Pfizer

***Hiroo Takayama** Consultant: Cryolife

***Gilbert H.L. Tang** Speaker: Medtronic, Abbott Structural Heart
Advisor: Abbott Structural Heart, JenaValve
Consultant: Medtronic, Abbott Structural Heart, NeoChord

***Vinod H. Thourani** Advisor: Boston Scientific, Cryolife, Edwards Lifesciences, JenaValve, Shockwave

Alper Toker Consultant: Intuitive

Juan Pablo Umana Royalties: Abbott

Mallarino Consultant: Medtronic
Speaker: Edwards Lifesciences

Dirk Varelmann	Royalties: Wolter Kluwer Shareholder; excluding diversified mutual funds: Edwards Lifesciences, Medtronic, Abott, AbbVie
Rochus Voeller	Consultant: Medtronic Cryolife
*Benny Weksler	Speaker: AstraZeneca, Intuitive Surgery Consultant: Medtronic Proctor: Intuitive Surgery
Judson Williams	Consultant: Edwards Lifesciences
*Leora Yarboro	Proctor: Abbott Consultant: Medtronic
Sanford Zeigler	Research Support Recipient: Etiometry, Inc. Speaker: Atricare, Inc.

Disclosure of Commercial Support

The American Association for Thoracic Surgery received commercial support from the following organizations:

Abbott
Acumed
AstraZeneca
Bristol Myers Squibb
W. L. Gore & Associates
Olympus

For further information on the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity & Independence in Accredited Continuing Education, please visit www.accme.org.

This program book went to print on April 25, 2022. Any program changes made after this date and all up-to-date disclosures are accessible at aats.org/annualmeeting.

