

Conflict of Interest Disclosure Index

This Conflict-of-Interest index contains financial disclosure statements for American Association of Neurological Surgeons 2025 Annual Meeting chairs, planners, staff, and presenters including oral abstract presenters who have or have had an affiliation or financial relationship with any ineligible company within the previous 24 months or at the time the research was conducted. The Accreditation Council for Continuing Medical Education (ACCME) requires that the AANS, as an accredited provider of continuing medical education, obtain signed disclosure statements from annual meeting chairs, planners, staff, and presenters, including PBLD presenters. All disclosures listed have been mitigated in accordance with ACCME policies.

All other chairs, planners, staff, and presenters, including oral abstract presenters not included in the disclosure index have disclosed no relevant financial relationships with ineligible companies.

NOTE: There may be discrepancies in the provided list of disclosures compared to faculty/participant verbal disclosures in the session due to changes or relevance.

Name	Role	Ineligible Company	Nature of Relationship
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	Arthrex	Consultant
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	Brainlab	Consultant
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	Elliquence	Consultant
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	Globus Medical	Consultant
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	Spinal Elements	Consultant
Muhammad Abd-El-Barr MD, PhD, FAANS	Moderator	TrackX	Consultant
Aviva Abosch MD, PhD	Speaker, Moderator	Medtronic	Consultant, Grant/Research Support
Nitin Agarwal MD	Speaker	DePuy Synthes	Grant/Research Support
Nitin Agarwal MD	Speaker	Springer Publishing	Royalty
Nitin Agarwal MD	Speaker	Thieme Medical Publishers	Royalty
Ellen Air MD, PhD	Speaker	Enspire DBS	Consultant
Ellen Air MD, PhD	Speaker	Functional Neuromodulation	Consultant
Ellen Air MD, PhD	Speaker	Medtronic	Consultant, Grant/Research Support
Ellen Air MD, PhD	Speaker	Meira GTx	Grant/Research Support
Ellen Air MD, PhD	Speaker	Nevro	Grant/Research Support
Ellen Air MD, PhD	Speaker	SetPoint Medical Corporation	Consultant (terminated)
Ellen Air MD, PhD	Speaker	Stryker	Consultant
Nima Alan MD	Speaker	ATEC Spine	Consultant
Nima Alan MD	Speaker	Globus Medical	Consultant
Nima Alan MD	Speaker	Induce Biologics	Consultant
Nima Alan MD	Speaker	DePuy Synthes	Consultant
Nima Alan MD	Speaker	Orthofix	Consultant
Nima Alan MD	Speaker	SpineArt	Consultant
Nima Alan MD	Speaker	Stryker	Consultant
Adam Arthur MD, MPH	Speaker	Arsenal Medical	Consultant
Adam Arthur MD, MPH	Speaker	Balt	Consultant, Grant/Research Support



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Name	Role	Ineligible Company	Nature of Relationship
Adam Arthur MD, MPH	Speaker	Johnson & Johnson	Consultant, Grant/Research Support
Adam Arthur MD, MPH	Speaker	Medtronic	Consultant, Grant/Research Support
Adam Arthur MD, MPH	Speaker	Microvention	Consultant, Grant/Research Support
Adam Arthur MD, MPH	Speaker	Neuros Medical	Consultant
Adam Arthur MD, MPH	Speaker	Nevascular	Consultant
Adam Arthur MD, MPH	Speaker	NVMedtech	Consultant
Adam Arthur MD, MPH	Speaker	Penumbra	Consultant, Grant/Research Support
Adam Arthur MD, MPH	Speaker	Perfuzo	Consultant
Adam Arthur MD, MPH	Speaker	Scientia	Consultant
Adam Arthur MD, MPH	Speaker	Siemens	Consultant, Grant/Research Support
Adam Arthur MD, MPH	Speaker	Stryker	Consultant, Grant/Research Support
Anthony Asher MD	Speaker	Globus Medical	Royalty
Gregory Basil MD	Speaker	Globus Medical	Consultant
Gregory Basil MD	Speaker	Aclarion	Consultant
Gregory Basil MD	Speaker	DePuy Synthes	Consultant
Sharona Ben-Haim MD	Speaker	Boston Scientific	Consultant
Michael Bohl MD	Speaker	Bioventus	Consultant
Michael Bohl MD	Speaker	DePuy Synthes	Consultant
Michael Bohl MD	Speaker	Dignity Health	Royalty
Charles Branch MD	Speaker	Medtronic	Consultant, Royalty
Ernest Braxton MD, MBA	Speaker	Accellus	Consultant, Royalty
Ernest Braxton MD, MBA	Speaker	GE Healthcare	Consultant
Ernest Braxton MD, MBA	Speaker	Medtronic	Consultant, Grant/Research Support
Ernest Braxton MD, MBA	Speaker	Spinal Elements	Consultant, Royalty
Justin Brown MD	Moderator	Globus Medical	Royalty
Jan-Karl Burkhardt MD	Speaker	Medtronic	Consultant
Jan-Karl Burkhardt MD	Speaker	Stryker	Consultant
Jan-Karl Burkhardt MD	Speaker	Microvention	Consultant
Jan-Karl Burkhardt MD	Speaker	Q'Apel	Consultant
Jan-Karl Burkhardt MD	Speaker	Balt	Consultant
Jan-Karl Burkhardt MD	Speaker	Siemens	Consultant
Terry Burns MD, PhD, FAANS	Speaker	Abbvie	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	Aminex Therapeutics	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	Blueprint Oncology Concepts	Consultant
Terry Burns MD, PhD, FAANS	Speaker	Boehringer-Ingelheim	Consultant (terminated)
Terry Burns MD, PhD, FAANS	Speaker	Carthera	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	Codman	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	InSightec	Grant/Research Support



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Terry Burns MD, PhD, FAANS	Speaker	Joanneum Research	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	Predicine	Grant/Research Support
Terry Burns MD, PhD, FAANS	Speaker	SonALAsense	Grant/Research Support
Iahn Cajigas MD	Speaker	Boston Scientific	Grant/Research Support
Iahn Cajigas MD	Speaker	Medtronic	Honoraria
Iahn Cajigas MD	Speaker	Precision Neuroscience Corporation	Grant/Research Support
Joshua Chalif MD, PhD	Speaker	Focus on Boston	Consultant (terminated)
Andrew Chan MD	Speaker	ATEC Spine	Consultant
Andrew Chan MD	Speaker	Isto Biologics	Consultant
Andrew Chan MD	Speaker	SpineArt	Honoraria
Peng Chen MD	Moderator	Balt	Grant/Research Support
E. Chiocca MD, PhD	Speaker	Bionaut Labs	Consultant
E. Chiocca MD, PhD	Speaker	Calidi Biotherapeutics	Consultant
E. Chiocca MD, PhD	Speaker	Mass General Brigham	Royalty
E. Chiocca MD, PhD	Speaker	Seneca Therapeutics	Consultant
Dean Chou MD	Speaker	Globus Medical	Royalty
Dean Chou MD	Speaker	Medtronic	Consultant (terminated)
Tanvir Choudhri MD	Speaker	BK Meditech	Consultant, Royalty, Stock Options
Tanvir Choudhri MD	Speaker	SGN Nanopharma	Consultant, Stock Options
Timothy Chryssikos MD, PhD	Speaker	GE Healthcare	Consultant, Honoraria
Rees Cosgrove FRCSC, FAANS	Speaker	InSightec	Consultant
William Couldwell MD, PhD	Speaker	Bioplate	Royalty
William Couldwell MD, PhD	Speaker	INC	Consultant
Daniel Curry MD, FAANS	Speaker	Clearpoint Neuro	Consultant
Daniel Curry MD, FAANS	Speaker	Grace Scientific	Grant/Research Support
Daniel Curry MD, FAANS	Speaker	Neurogene	Grant/Research Support
Daniel Curry MD, FAANS	Speaker	PTC Therapeutics	Grant/Research Support
Randy D'Amico MD	Speaker	Medivis	Consultant
Randy D'Amico MD	Speaker	Olympus	Consultant
Randy D'Amico MD	Speaker	Omniscient Neurotechnology	Consultant
David Darrow MD, MPH	Moderator	NeuroOne	Consultant
David Darrow MD, MPH	Moderator	Turing Medical	Grant/Research Support
Reza Dashti MD, PhD	Speaker	Rapi AI	Consultant
Jason Davies MD, PhD	Speaker	Medtronic	Consultant
Anthony DiGiorgio DO, MHA	Speaker	DePuy Synthes	Grant/Research Support (terminated)
Francesco DiMeco MD, IFAANS	Speaker	BK Medical	Consultant
Francesco DiMeco MD, IFAANS	Speaker	Pfizer	Honoraria



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Name	Role	Ineligible Company	Nature of Relationship
David Dornbos MD, FAANS	Speaker	Imperative Care	Consultant
David Dornbos MD, FAANS	Speaker	Siemens	Grant/Research Support
James Elder MD	Speaker	Medtronic	Consultant
Sarah Ferrand Sorbets MD	Speaker	Brainlab	Consultant
Sarah Ferrand Sorbets MD	Speaker	DIXI	Consultant
Sarah Ferrand Sorbets MD	Speaker	Uniqure	Consultant
Kelly Foote MD, FAANS	Speaker, Moderator	Medtronic	Grant/Research Support
Anthony Frempong-Boadu MD, FAANS	Moderator	Globus Medical	Consultant
Isabelle Germano MD, MBA	Moderator	Brainlab AG	Consultant
Joseph Gleeson MD	Speaker	Inocras	Consultant
Joseph Gleeson MD	Speaker	Lonis	Consultant
Joseph Gleeson MD	Speaker	Neurocrine	Consultant
Joseph Gleeson MD	Speaker	Ono Pharmaceutical	Consultant
Jake Godzik MD, MS	Speaker	Kuros Biosciences	Consultant (terminated)
Ramesh Grandhi MD	Moderator	Balt	Consultant, Grant/Research Support
Ramesh Grandhi MD	Moderator	Cerenovus	Grant/Research Support
Ramesh Grandhi MD	Moderator	Integra Lifesciences	Grant/Research Support
Ramesh Grandhi MD	Moderator	Medtronic	Consultant, Grant/Research Support
Ramesh Grandhi MD	Moderator	Rapid Medical	Consultant
Ramesh Grandhi MD	Moderator	Stryker	Consultant
Gerald Grant MD	Speaker	Aesculap	Honoraria (terminated)
Gerald Grant MD	Speaker	Integra Lifesciences	Consultant
Gerald Grant MD	Speaker	Medtronic	Consultant
Sanjeet Grewal MD	Speaker	Aspen Medical	Consultant
Sanjeet Grewal MD	Speaker	Boston Scientific	Consultant
Sanjeet Grewal MD	Speaker	DIXI	Consultant
Sanjeet Grewal MD	Speaker	Kriya Therapeutics	Consultant
Sanjeet Grewal MD	Speaker	Medtronic	Consultant
Sanjeet Grewal MD	Speaker	NeuroOne	Consultant
Sanjeet Grewal MD	Speaker	Zimmer Biomet	Consultant
Kunal Gupta MD, PhD, FAANS	Speaker	Aspen Medical	Royalty Recipient
Kunal Gupta MD, PhD, FAANS	Speaker	Mizuho America	Royalty Recipient
Kunal Gupta MD, PhD, FAANS	Speaker	Stryker	Consultant
Kunal Gupta MD, PhD, FAANS	Speaker	NeuroPace	Consultant
Constantinos Hadjipanayis MD, PhD	Speaker	Stryker	Consultant
Constantinos Hadjipanayis MD, PhD	Speaker	Fluoroguide	Consultant
Constantinos Hadjipanayis MD, PhD	Speaker	Hemerion	Consultant
Constantinos Hadjipanayis MD, PhD	Speaker	Integra Lifesciences	Consultant



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Name	Role	Ineligible Company	Nature of Relationship
Constantinos Hadjipanayis MD, PhD	Speaker	Synaptive	Consultant
Constantinos Hadjipanayis MD, PhD	Speaker	True Digital Surgery	Consultant
Mark Hadley MD	Speaker	Curiteva	Consultant, Royalty
Daniel Hafez MD, PhD	Speaker	Arthrex	Consultant
Daniel Hafez MD, PhD	Speaker	Elliquence	Consultant
Daniel Hafez MD, PhD	Speaker	Expanding Innovations	Consultant
Daniel Hafez MD, PhD	Speaker	Globus Medical	Consultant
Michael Haglund MD, PhD, MACM, FAANS	Speaker	Medtronic	Grant/Research Support
Michael Haglund MD, PhD, MACM, FAANS	Speaker	Providence Medical	Grant/Research Support
Clement Hamani MD	Speaker	Abbott	Consultant
D. Kojo Hamilton MD, FAANS	Moderator	Medtronic	Honoraria (terminated)
Simon Hanft MD	Speaker	GT Medical	Honoraria
Simon Hanft MD	Speaker	Omniscient Neurotechnology	Consultant, Honoraria
Ake Hansasuta MD, IFAANS	Speaker	Abbott	Honoraria (terminated)
Ake Hansasuta MD, IFAANS	Speaker	Baxter	Honoraria (terminated)
Ake Hansasuta MD, IFAANS	Speaker	Daiichi-Sankyo	Honoraria (terminated)
Ake Hansasuta MD, IFAANS	Speaker	GlaxoSmithKline	Honoraria (terminated)
Ake Hansasuta MD, IFAANS	Speaker	Viatrix Pharmaceuticals	Honoraria (terminated)
Mitchell Hansen MD, PhD	Speaker	Globus Medical	Consultant
Mitchell Hansen MD, PhD	Speaker	Medacta	Consultant
Mitchell Hansen MD, PhD	Speaker	SpineArt	Consultant
Roger Hartl MD	Speaker	Aclarion	Consultant
Roger Hartl MD	Speaker	AO Spine	Grant/Research Support
Roger Hartl MD	Speaker	Brainlab	Consultant, Grant/Research Support
Roger Hartl MD	Speaker	DePuy Synthes	Consultant
Roger Hartl MD	Speaker	Globus Medical	Grant/Research Support
Todd Hollon MD	Speaker	Invenio Imaging	Stock Options
Patrick Hsieh MD, MBA, MS	Speaker	Zimmer Biomet	Royalty
Patrick Hsieh MD, MBA, MS	Speaker	Medtronic	Royalty
Patrick Hsieh MD, MBA, MS	Speaker	Globus Medical	Royalty
Judy Huang MD	Speaker	Longeviti Inc	Stock Options
Meng Huang MD	Speaker	Accelus	Consultant
Meng Huang MD	Speaker	Amplify	Consultant
Meng Huang MD	Speaker	Arthrex	Consultant
Meng Huang MD	Speaker	Joimax	Consultant
Meng Huang MD	Speaker	MiRus	Consultant
Meng Huang MD	Speaker	Orthofix	Consultant
George Ibrahim MD, PhD, FRCSC, FAANS, FACS	Speaker	LivaNova	Consultant, Grant/Research Support, Honoraria



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Name	Role	Ineligible Company	Nature of Relationship
George Ibrahim MD, PhD, FRCSC, FAANS, FACS	Speaker	Medtronic	Consultant, Honoraria
George Ibrahim MD, PhD, FRCSC, FAANS, FACS	Speaker	Synergia	Consultant
Kristen Jones MD, FAANS	Speaker	Medtronic	Consultant
Kristen Jones MD, FAANS	Speaker	SI Bone	Consultant
Lora Kahn MD	Speaker	Medtronic	Consultant (terminated)
Peter Kan MD	Speaker	Stryker	Consultant
Peter Kan MD	Speaker	Biom'Up	Consultant
Peter Kan MD	Speaker	Cerapedics	Consultant
Peter Kan MD	Speaker	Empirical Spine	Consultant
Adam Kanter MD, MBA	Speaker	Globus Medical	Royalty, Stock Options
Nicolas Khattar MD	Speaker	Imperative Care	Consultant
Patrick Kim MD	Speaker	Arthrex	Consultant
Patrick Kim MD	Speaker	Elliquence	Consultant
Patrick Kim MD	Speaker	Point Robotics	Consultant
Paul Kim MD	Moderator	DePuy Synthes	Consultant
Paul Kim MD	Moderator	Globus Medical	Consultant, Royalty
Paul Kim MD	Moderator	Medtronic	Consultant
Paul Kim MD	Moderator	Stryker	Consultant (terminated)
Sanjay Konakondla MD, FAANS	Speaker	Arthrex	Consultant
Sanjay Konakondla MD, FAANS	Speaker	Elliquence	Honoraria
Sanjay Konakondla MD, FAANS	Speaker	Globus Medical	Consultant
Sanjay Konakondla MD, FAANS	Speaker	Joimax	Honoraria
Sanjay Konakondla MD, FAANS	Speaker	Spineology	Consultant, Royalty
Daniel Kramer MD	Speaker	Koh Young	Consultant
Thomas Kretschmer MD, PhD, IFAANS, FEBNS	Speaker	Brainlab	Consultant
Sandro Krieg MD, MBA, IFAANS	Speaker	Brainlab	Consultant
Sandro Krieg MD, MBA, IFAANS	Speaker	Need Inc	Consultant, Stock Options
Sandro Krieg MD, MBA, IFAANS	Speaker	Ulrich Medical	Consultant
Michael Lawton MD	Speaker	Carl Zeiss	Royalty
Michael Lawton MD	Speaker	Mizuho	Royalty
Eric Leuthardt MD, FAANS	Speaker	Monteris Medical	Consultant
Eric Leuthardt MD, FAANS	Speaker	Neuroolutions	Royalty, Stock Options
Robert Louis MD, FAANS	Speaker	HMDMD	Consultant, Stock Options
Robert Louis MD, FAANS	Speaker	Ocutryx	Consultant, Stock Options
William Mack MD	Moderator	Borvo Medical	Stock Options
William Mack MD	Moderator	Cerebrotech	Stock Options (terminated)
William Mack MD	Moderator	Egret Therapeutics	Stock Options
William Mack MD	Moderator	Endostream Medical	Stock Options
William Mack MD	Moderator	Imperative Care	Consultant
William Mack MD	Moderator	Kaneka	Consultant



Name	Role	Ineligible Company	Nature of Relationship
William Mack MD	Moderator	Medtronic	Consultant
William Mack MD	Moderator	Q'Apel	Stock Options
William Mack MD	Moderator	Radical Catheter Technologies	Stock Options
William Mack MD	Moderator	Spartan Micro	Stock Options
William Mack MD	Moderator	Stream Biomedical	Stock Options
William Mack MD	Moderator	Stryker	Consultant
William Mack MD	Moderator	Vastrax	Stock Options
William Mack MD	Moderator	Viseon	Stock Options
Mark Mahan MD	Speaker, Moderator	Arthrex	Consultant
Mark Mahan MD	Speaker, Moderator	AxoGen	Grant/Research Support
Mark Mahan MD	Speaker, Moderator	Boston Scientific	Grant/Research Support
Mark Mahan MD	Speaker, Moderator	Joimax	Consultant
Mark Mahan MD	Speaker, Moderator	Renerva	Consultant, Grant/Research Support
Neena Marupudi MD, MS	Moderator	Integra Lifesciences	Consultant
Neena Marupudi MD, MS	Moderator	Monteris Medical	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Balt	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Cerenovus	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Medtronic	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Philips Healthcare	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Remedy Robotics	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Siemens	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	Stryker	Consultant
Vitor Mendes Pereira MD, MSc	Speaker	xCath	Consultant
Emmanuel Mensah MD, MPH	Speaker	Medtronic	Grant/Research Support
Camilo Molina MD	Moderator	Augmedics	Consultant, Stock Options
Camilo Molina MD	Moderator	Baxter	Consultant
Camilo Molina MD	Moderator	Kuros Biosciences	Consultant
Camilo Molina MD	Moderator	SI Bone	Consultant
Camilo Molina MD	Moderator	SMAIO	Consultant, Stock Options
Praveen Mummaneni MD, MBA	Moderator	AO Spine	Grant/Research Support
Praveen Mummaneni MD, MBA	Moderator	BK Medical	Honoraria (terminated)
Praveen Mummaneni MD, MBA	Moderator	Brainlab	Honoraria
Praveen Mummaneni MD, MBA	Moderator	DePuy Synthes	Consultant
Praveen Mummaneni MD, MBA	Moderator	Discgenics	Stock Options
Praveen Mummaneni MD, MBA	Moderator	Globus Medical	Consultant
Praveen Mummaneni MD, MBA	Moderator	Medtronic	Honoraria
Praveen Mummaneni MD, MBA	Moderator	Pacira	Grant/Research Support
Praveen Mummaneni MD, MBA	Moderator	SI Bone	Honoraria (terminated)
Praveen Mummaneni MD, MBA	Moderator	SLIP li	Grant/Research Support



Name	Role	Ineligible Company	Nature of Relationship
Praveen Mummaneni MD, MBA	Moderator	Springer Publishing	Royalty
Praveen Mummaneni MD, MBA	Moderator	Thieme Medical Publishers	Royalty
W. Christopher Newman MD, MPH	Speaker	Icotec	Honoraria (terminated)
Laura Ngwenya MD, PhD, FAANS	Speaker	Abbott	Grant/Research Support
Laura Ngwenya MD, PhD, FAANS	Speaker	Biogen	Grant/Research Support
Christopher Ogilvy MD	Moderator	Medtronic	Consultant
John Ogunlade DO	Moderator	Arthrex	Consultant, Honoraria
John Ogunlade DO	Moderator	Joimax	Honoraria
David Okonkwo MD, PhD	Speaker	Highridge	Royalty
David Okonkwo MD, PhD	Speaker	Globus Medical	Consultant, Royalty
Mark Oppenlander MD	Speaker	Bioventus	Consultant
Mark Oppenlander MD	Speaker	Globus Medical	Consultant, Royalty
Joseph Osorio MD, PhD	Speaker	Alphatec Spine	Consultant, Royalty
Joseph Osorio MD, PhD	Speaker	Carlsmed	Consultant
Joseph Osorio MD, PhD	Speaker	Medtronic	Consultant
Parag Patil MD, PhD	Speaker	Epimender	Consultant
Julie Pilitsis MD, PhD, MBA	Moderator	Abbott	Grant/Research Support
Julie Pilitsis MD, PhD, MBA	Moderator	AiM Medical Robotics	Consultant, Stock Options
Julie Pilitsis MD, PhD, MBA	Moderator	Boston Scientific	Grant/Research Support
Julie Pilitsis MD, PhD, MBA	Moderator	Focused Ultrasound Foundation	Grant/Research Support
Julie Pilitsis MD, PhD, MBA	Moderator	Medtronic	Grant/Research Support
Nader Pouratian MD, PhD	Speaker	Abbott	Consultant
Nader Pouratian MD, PhD	Speaker	Boston Scientific	Consultant
Carloyn Quinsey MD	Speaker	Medtronic	Consultant
Jeffrey Raskin MS, MD, FAANS, FAAP	Speaker	Blackrock Neurotech	Consultant
Jeffrey Raskin MS, MD, FAANS, FAAP	Speaker	Iota Biosciences	Consultant
Jeffrey Raskin MS, MD, FAANS, FAAP	Speaker	Medtronic	Consultant
Jeffrey Raskin MS, MD, FAANS, FAAP	Speaker	Synergia	Consultant
John Ratliff MD, FACS	Moderator	Alphatec Spine	Consultant
John Ratliff MD, FACS	Moderator	K2M Stryker	Consutant
John Ratliff MD, FACS	Moderator	MiRus	Consultant
Shaan Raza MD, FAANS	Moderator	Stryker	Consultant
Shaan Raza MD, FAANS	Moderator	Biom'Up	Consultant
Shaan Raza MD, FAANS	Moderator	Cerapedics	Consultant
Shaan Raza MD, FAANS	Moderator	Empirical Spine	Consultant
Luca Regli MD	Speaker	B. Braun	Honoraria
Laurence Rhines MD	Speaker	AO Spine	Consultant
Laurence Rhines MD	Speaker	Icotec	Consultant
Angela Richardson MD, PhD	Speaker	Stryker	Consultant
Robert Richardson MD, PhD, FAANS	Speaker	Neuropace	Consultant, Honoraria



Name	Role	Ineligible Company	Nature of Relationship
Robert Richardson MD, PhD, FAANS	Speaker	SetPint Medical Corporation	Consultant
Robert Richardson MD, PhD, FAANS	Speaker	Zimmer Biomet	Consultant
Analiz Rodriguez MD, PhD, MBA, FAANS	Moderator	Bristol Myers Squibb	Grant/Research Support (terminated)
Analiz Rodriguez MD, PhD, MBA, FAANS	Moderator	Kiyatec	Honoraria
Analiz Rodriguez MD, PhD, MBA, FAANS	Moderator	Monteris Medical	Consultant (terminated)
Analiz Rodriguez MD, PhD, MBA, FAANS	Moderator	M-tubulin	Consultant
Analiz Rodriguez MD, PhD, MBA, FAANS	Moderator	NICO Myriad Corporation	Consultant, Grant/Research Support (terminated)
Daniel Rubin MD, PhD	Speaker	Paradromics	Consultant
Henry Schroeder MD, PhD, IFAANS	Speaker	Karl Storz	Consultant
Henry Schroeder MD, PhD, IFAANS	Speaker	Soring GmbH	Consultant
Henry Schroeder MD, PhD, IFAANS	Speaker	Quickborn	Consultant
Daniel Sciubba MD, MBA	Speaker	Pacira	Consultant
Christopher Shaffrey MD, FACS, FAANS	Speaker	Medtronic	Consultant, Royalty
Christopher Shaffrey MD, FACS, FAANS	Speaker	Globus Medical	Consultant, Royalty, Stock Shareholder (publicly traded)
Christopher Shaffrey MD, FACS, FAANS	Speaker	SI Bone	Consultant
Sameer Sheth MD, PhD	Speaker	Abbott	Consultant
Sameer Sheth MD, PhD	Speaker	Boston Scientific	Consultant
Sameer Sheth MD, PhD	Speaker	Koh Young	Consultant
Sameer Sheth MD, PhD	Speaker	Neuropace	Consultant
Sameer Sheth MD, PhD	Speaker	Zimmer Biomet	Consultant
Walavan Sivakumar MD	Speaker	Stryker	Consultant
Walavan Sivakumar MD	Speaker	Mizuho	Consultant
Matthew Smyth MD	Speaker	Cranial Devices	Consultant
Matthew Smyth MD	Speaker	Monteris Medical	Consultant
Matthew Smyth MD	Speaker	Zimmer Biomet	Consultant
Michael Steinmetz MD	Speaker	Cerapedics	Honoraria
Michael Steinmetz MD	Speaker	Elsevier	Royalty
Michael Steinmetz MD	Speaker	Globus Medical	Royalty, Honoraria
Michael Steinmetz MD	Speaker	Premia Spine	Honoraria (terminated)
Andrea Strayer PhD, AGPCNP-BC, APRN, CNRN	Speaker	Taylor Francis Publishers	Royalty
Andrea Strayer PhD, AGPCNP-BC, APRN, CNRN	Speaker	Thieme Medical Publishers	Royalty
Andrea Strayer PhD, AGPCNP-BC, APRN, CNRN	Speaker	Wolters Kluwer	Royalty
Eric Suero Molina MBA	Speaker	Carl Zeiss	Grant/Research Support
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Baxter	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Chugai Pharmaceutical	Honoraria



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Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	CSL Behring K.K.	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Daiichi-Sankyo Co.	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Eisai Co.	Grant/Research Support Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Goryo Chemical	Grant/Research Support Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Integra	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Japan Blood Products Organization	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Momotaro-Gene	Grant/Research Support
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Novocure	Grant/Research Support, Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Nxera Pharma	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Ono Pharmaceutical	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Otsuka Pharmaceutical	Honoraria
Shota Tanaka MD, PhD, IFAANS	Speaker, Moderator	Takeda Science Foundation	Grant/Research Support
Rokuya Tanikawa MD, IFAANS	Speaker	Takayama Medical Instrument	Consultant
Claudio Tatsui MD	Speaker	Icotec Medical	Grant/Research Support, Honoraria
Claudio Tatsui MD	Speaker	Medtronic	Grant/Research Support
Claudius Thome MD, IFAANS	Moderator	Brainlab	Grant/Research Support, Honoraria
Claudius Thome MD, IFAANS	Moderator	Carl Zeiss	Consultant, Grant/Research Support, Honoraria
Claudius Thome MD, IFAANS	Moderator	Centinel Spine	Honoraria (terminated)
Claudius Thome MD, IFAANS	Moderator	DePuy Synthes	Honoraria
Claudius Thome MD, IFAANS	Moderator	Intrinsic Therapeutics	Grant/Research Support, Honoraria
Claudius Thome MD, IFAANS	Moderator	Kuros Biosciences	Consultant, Honoraria
Claudius Thome MD, IFAANS	Moderator	NEOS Surgery	Consultant, Grant/Research Support
Claudius Thome MD, IFAANS	Moderator	Signus Medical	Consultant, Grant/Research Support
Claudius Thome MD, IFAANS	Moderator	Stryker	Consultant, Honoraria
Stavropoula Tjoumakaris MD, MBA, FAANS, FACS, FAHA	Speaker	Medtronic	Consultant
Vincent Traynelis MD	Moderator	Globus Medical	Royalty



Name	Role	Ineligible Company	Nature of Relationship
Eve Tsai MD, PhD	Speaker	Abbvie	Grant/Research Support
Eve Tsai MD, PhD	Speaker	Mitsubishi	Grant/Research Support
Jay Turner MD, PhD	Moderator	Alphatec Spine	Consultant, Grant/Research Support, Royalty
Jay Turner MD, PhD	Moderator	SI Bone	Consultant, Grant/Research Support
Jay Turner MD, PhD	Moderator	Orthofix	Royalty
Cheerag Upadhyaya MD, MBA	Moderator	BK Medical	Honoraria
Juan Uribe MD, FAANS	Speaker, Moderator	Alphatec Spine	Consultant, Grant/Research Support, Royalty, Honoraria, Stock Shareholder (publicly traded)
Juan Uribe MD, FAANS	Speaker, Moderator	Globus Medical	Royalty
Juan Uribe MD, FAANS	Speaker, Moderator	SI Bone	Consultant, Grant/Research Support, Royalty, Honoraria
Alex Valadka MD	Speaker	InfraScan	Grant/Research Support
Carmen Vleggeert-Lankamp MD, MSc, PhD	Speaker	Achmea Health Insurance	Grant/Research Support
Carmen Vleggeert-Lankamp MD, MSc, PhD	Speaker	Medtronic	Grant/Research Support
Carmen Vleggeert-Lankamp MD, MSc, PhD	Speaker	CSRS Europe	Grant/Research Support
Michael Vogelbaum MD, PhD	Speaker	Alexion	Consultant
Michael Vogelbaum MD, PhD	Speaker	Biodexa	Consultant
Michael Vogelbaum MD, PhD	Speaker	Carthera	Grant/Research Support
Michael Vogelbaum MD, PhD	Speaker	InSightec	Grant/Research Support
Ben Waldau MD, FAANS, FACS	Speaker	Stryker	Consultant, Honoraria
Corey Walker MD	Speaker	Alphatec Spine	Consultant, Honoraria
Corey Walker MD	Speaker	Globus Medical	Honoraria (terminated)
Michael Wang MD, MBA	Speaker	DePuy Synthes	Consultant, Honoraria
Michael Wang MD, MBA	Speaker	Globus Medical	Consultant
Michael Wang MD, MBA	Speaker	Styker	Consultant
Michael Wang MD, MBA	Speaker	Medtronic	Consultant
Michael Wang MD, MBA	Speaker	Pacira Pharmaceuticals	Consultant
Michael Wang MD, MBA	Speaker	Spineology	Consultant
Jon Willie MD, PhD, FAANS	Speaker	Abbott	Consultant, Grant/Research Support
Jon Willie MD, PhD, FAANS	Speaker	Aim Medical Robotics	Consultant
Jon Willie MD, PhD, FAANS	Speaker	Clearpoint Neuro	Honoraria
Jon Willie MD, PhD, FAANS	Speaker	Fortec Medical	Consultant
Jon Willie MD, PhD, FAANS	Speaker	Inner Cosmos	Grant/Research Support



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Name	Role	Ineligible Company	Nature of Relationship
Jon Willie MD, PhD, FAANS	Speaker	Medtronic	Honoraria
Jon Willie MD, PhD, FAANS	Speaker	Turing Medical	Consultant
Jang Yoon MD	Speaker	Amplify Medical	Consultant
Jang Yoon MD	Speaker	Arthrex	Consultant
Jang Yoon MD	Speaker	Johnson & Johnson	Grant/Research Support
Jang Yoon MD	Speaker	Medyssey	Consultant
Jang Yoon MD	Speaker	Richard Wolf	Consultant
Jang Yoon MD	Speaker	TrackX	Consultant
Eric Zager MD, FAANS	Speaker	Maxonis	Consultant
Omar Zalatimo MD, MPH, MHA, FAANS	Speaker	Providence Medical	Consultant, Honoraria