



North American
Neuromodulation
Society -est 1994-



Congress of
Neurological
Surgeons

NORTH AMERICAN NEUROMODULATION SOCIETY 26TH ANNUAL MEETING

January 12-15, 2023
Las Vegas, Nevada

RELEVANT CONFLICT OF INTEREST DISCLOSURES AND EDUCATIONAL GRANTS

ACCREDITATION

ACCME Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Congress of Neurological Surgeons (CANS) and the North American Neuromodulation Society (NANS). The Congress of Neurological Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA Credit Designation Statement(s)

The CNS designates this live activity for a maximum of 24.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

RELEVANT CONFLICT OF INTEREST DISCLOSURES

CNS Disclosure Policy

The Congress of Neurological Surgeons controls the content and production of this CME activity and attempts to assure the presentation of balanced, objective information. In accordance with the Standards for Integrity and Independence in Accredited Continuing Education established by the Accreditation Council for Continuing Medical Education (ACCME), speakers are asked to disclose all relationships they have with ineligible companies* over the previous 24 months which may be related to the content of their lecture. Speakers who have disclosed a relationship with an ineligible company whose products may have a relevance to their presentation are listed below.

**Any planner, reviewer, or faculty member not on the disclosure
list has reported they have nothing to disclose.**

All relevant financial relationships listed for these individuals have been mitigated.

**Ineligible companies are those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. An ineligible company is not eligible for ACCME accreditation or participation in Joint Providership.*

Agenda and faculty subject to change

Reviewers

First Name	Last Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Tiffany	Hodges		Nothing to Disclose
Akash	Patel		Nothing to Disclose

Planners- SPC

First Name	Last Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Alaa	Abd-Elseyed	Medtronic and Avanos	Consulting Fee
Ellen	Air	Functional Neuromodulation, Stryker	Consulting Fee
		Medtronic Inc	Contracted Research
Christine	Hunt	Abbott, Nevro, Inc.	Contracted Research
Corey	Hunter	Biotronik	Consulting Fee
		Discgenics, Mesoblast, Saluda, Abbott	Contracted Research
		Vivex, Mainstay, Nalu, PainTEQ, Spine BioPharma, PainTEQ, Spine BioPharma	Ownership Interest - Future Stock Options
		Axonics	Ownership Interest - Own Stocks
Stephanie	Vanterpool	Abbott Neuromodulation, Boston Scientific, Cohere Medical Advisory Board, Nevro	Consulting Fee

Planners

First Name	Last Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Rany	Abdallah	Abbott, Avanos, Medtronic, PainTeq	Consulting Fee
Thomas	Abell	Nuvaira, Takeda, Enterra Medical	Consulting Fee
		UpToDate	Royalty
		Neurogastrx, Vanda, Processa	Contracted Research
Ellen	Air	Medtronic Inc	Contracted Research
		Functional Neuromodulation, Stryker	Consulting Fee
Helen	Blake	Abbott, Axogen	Consulting Fee
Tammy	Dann	Medtronic, AIS	Speakers Bureau
		Abbott	Fees for Non-CME/CE Services (e.g. advisor)
Darin	Dougherty	Medtronic	Consulting Fee
			Contracted Research
Dalia	Elmofty	Averitas	Fees for Non-CME/CE Services (e.g. advisor)
Christine	Hunt	Nevro	Contracted Research

Philip	Kim	Medtronic, Tersara	Speakers Bureau
		Biotronik	Consulting Fee
		Boston Scientific, Abbott	Contracted Research
Lynn	Kohan	Avanos	Consulting Fee
		focused ultrasound foundation	Contracted Research
Lisa	Kroopf	Boston Scientific	Consulting Fee
Eric	Lee	Abbott, Biotronik	Consulting Fee
		Abbott, Boston Scientific	Contracted Research
John	Markman	Grunenthal	Contracted Research
		Regency Pharmaceuticals	Fees for Non-CME/CE Services (e.g. advisor)
		Flowonix, Yellowblack Corp	Ownership Interest
		Eliem	Consulting Fee
Cameron	McIntyre	Boston Scientific Neuromodulation	Consulting Fee
		Surgical Information Sciences, Autonomic Technologies, Cardionomic, Enspire DBS, CereGate, BrainDynamics	Ownership Interest - Own Stocks
		BrainDynamics	Ownership Interest: Stock Options, Future Stock Options
William	McRoberts	Nalu	Member of Advisory Board or Review Panel
			Consultant
Pankaj	Mehta	ABBOTT , BOSTON SCIENTIFIC , VERTIFLEX , SPR , CORNER LOC	Speakers Bureau
Richard	North	Abbott	Royalty
		StimQ	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Boston Scientific	Consulting Fee
Stefano	Palmisani	Nevro, Saluda	Consulting Fee
Joseph	Pancrazio	Abbott	Contracted Research
Dennis	Patin	Medtronic, Boston Scientific, Abbott, Nevro	Consulting Fee
Joshua	Rosenow	Boston Scientific Neuromodulation, stryker, Monteris, AIM Medical Robotics	Consulting Fee
		Boston Scientific Neuromodulation	Contracted Research
Maricela	Schnur	Abbott, Sprint	Consulting Fee
Samir	Sheth	Medtronic, Boston Scientific	Fees for Non-CME/CE Services (e.g. advisor)
		Nevro, Relieva	Consulting Fee
		Sprint	Speakers Bureau
Prasad	Shirvalkar	Medtronic Inc	Contracted Research
Mark	Wallace	Averitas	Contracted Research
Doris	Wang	Medtronic, Boston Scientific	Consulting Fee
Tony	Yaksh	Medtronic, Concentric, Coda biotherapeutic	Consulting Fee
		Rafts	Member of Advisory Board or Review Panel

		Teva, Eupraxia, Epigen, Sintetica, Arkturus, Exicure	Consulting Fee
		Opsin Bio	Ownership Interest

Faculty

First Name	Last Name	Name(s) of Ineligible Company	Nature of Relationship(s)
Alaa	Abd-Elseyed	Medtronic and Avanos, Abbott, SPR, StimWave	Consulting Fee
Rany	Abdallah	Abbott, Avanos, Medtronic, PainTeq	Consulting Fee
Thomas	Abell	Nuvaira, Enterra Medical, Takeda	Consulting Fee
		UpToDate	Royalty
		Neurogastrx, Vanda, Processa	Contracted Research
Ellen	Air	Medtronic Inc	Contracted Research
		Functional Neuromodulation, Stryker	Consulting Fee
Kasra	Amirdelfan	Nevro	Contracted Research
		Medtronic	Contracted Research
		Boston Scientific	Contracted Research
		Biotronik	Contracted Research
		Nalu	Contracted Research
		Saluda	Contracted Research
		Presidio	Consulting Fee
Magdalena	Anitescu	Boston Scientific	Consulting Fee
		Medtronic	Consulting Fee
		Boston Scientific	Consulting Fee
Ardeshir	Ardeshiri	Mainstay	Consulting Fee
		Nevro	Consulting Fee
Charles	Argoff	Allergan	Speakers Bureau
		Amgen	Speakers Bureau
		Lilly	Speakers Bureau
		Teva	Speakers Bureau
		elsevier	Royalty
		Vertex	Contracted Research
		BDSI	Consulting Fee
		Collegium	Consulting Fee
Flowonix	Consulting Fee		

		Nevro	Consulting Fee
		Teva	Consulting Fee
		Lilly	Consulting Fee
Jeffery	Arle	Opsin Biotherapeutics	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Medtronic	Contracted Research
		MicroLeads	Contracted Research
		Saluda Medical	Consulting Fee
		Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
		LivaNova	Consulting Fee
		Alfred E. Mann Foundation	Consulting Fee
Markus	Bendel	Nevro, Inc.	Contracted Research
Marom	Bikson	Soterix Medical Inc.	Ownership Interest - Own the Company
		Boston Scientific Inc.	Consulting Fee
Daniel	Bruns	Pearson Assessments	Royalty
Helen	Blake	Abbott	Consulting Fee
		Axogen	Consulting Fee
Marco	Capogrosso	Onward Medicals	Receipt of Intellectual Property Rights/Patent Holder
		Reach Neuro Inc	Ownership Interest: Own Stock, Stock Options, Future Stock Options
David	Cedeno	Medtronic	Consulting Fee
David	Cedeno	Medtronic Inc.	Consulting Fee
Krishnan	Chakravarthy	Douleur Therapeutics	Ownership Interest - Own the Company
		Newrom Biomedical	Ownership Interest - Own the Company
		Higgs Boson Health	Ownership Interest - Future Stock Options
		Oska Wellness	Ownership Interest - Future Stock Options
		Nalu Medical	Ownership Interest - Future Stock Options
		Mainstay Medical	Ownership Interest
		AccuFix Medical	Owner
		NXTStim	Owner

		Medtronic	Consulting Fee
		Medincell	Consulting Fee
		Bioness	Consulting Fee
		Omnia Medical	Consulting Fee
		Medtronic	Consulting Fee
		SI Bone	Consulting Fee
Anne	Christopher	Biatoronik	Fees for Non-CME/CE Services (e.g. advisor)
		Abbott	Consulting Fee
Lauren	Cimino	Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
		Saluda	Consulting Fee
		SPR Therapeutics	Consulting Fee
		Vertos	Consulting Fee
		PainTeq	Consulting Fee
		Spinal Simplicity	Consulting Fee
Ashley	Comer	NALU	Consulting Fee
		Medtronic	Speakers Bureau
		Abbott	Fees for Non-CME/CE Services (e.g. advisor)
Tammy	Dann	AIS	Speakers Bureau
Thomas	De Geus	Medtronic	Contracted Research
		Abbott	Receipt of Intellectual Property Rights/Patent Holder
		Mainstay	Contracted Research
		Abbott	Contracted Research
		Vertos Medical	Contracted Research
		Boston Scientific	Contracted Research
		Saluda Medical	Contracted Research
		PainTeq	Contracted Research
		Avanos	Contracted Research
		SPR Therapeutic	Contracted Research
		Saluda Medical	Consulting Fee
		Abbott	Consulting Fee
		SpineThera	Consulting Fee
		Nalu Medical	Consulting Fee
		Cornerloc	Consulting Fee
		SPR Therapeutics	Consulting Fee
Timothy	Deer	Medtronic	Consulting Fee

		Boston Scientific	Consulting Fee
		PainTeq	Consulting Fee
		Vertos Medical	Consulting Fee
		Ethos	Consulting Fee
		Spinal Simplicity	Consulting Fee
		Tissue Tech	Consulting Fee
		SPR Therapeutics	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Virdio	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		SynerFuse	Ownership Interest - Future Stock Options
		Abbott	Contracted Research
		Nalu	Contracted Research
		Bioness	Contracted Research
		Avanos	Contracted Research
		Vivex	Contracted Research
		Saol	Contracted Research
		Nature Cell	Contracted Research
		Averitas	Contracted Research
		Avanos	Consulting Fee
Mehul	Desai	Nalu	Consulting Fee
		Abbott Laboratories	Speakers Bureau
		SPR therapeutics	Speakers Bureau
		Vertos Medical	Speakers Bureau
		Anesthesia & Pain Care Services LTD (sole proprietor)	Owner
		Abbott Laboratories	Contracted Research
		SPR therapeutics	Contracted Research
		Abbott Laboratories	Consulting Fee
		SPR therapeutics	Consulting Fee
		Vertos Medical	Consulting Fee
		Pfizer	Consulting Fee
		Myovant Biosciences	Consulting Fee
		Biotronik	Consulting Fee
David	Dickerson	Nalu	Consulting Fee
Ryan	D'Souza	Nevro Corp	Contracted Research

Brian	Duclos	Medtronic	Employee
Sam	Eldabe	Medtronic	Contracted Research
		Medtronic	Consulting Fee
		Mainstay Medical	Consulting Fee
		Boston Scientific	Consulting Fee
		Synerfuse	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Saluda	Ownership Interest - Future Stock Options
		SPR Therapeutics	Ownership Interest - Future Stock Options
		Thermaquil	Ownership Interest - Future Stock Options
		CornerLoc	Ownership Interest - Future Stock Options
		PainTeq	Ownership Interest - Future Stock Options
		Celeri	Ownership Interest - Future Stock Options
		Aurora Spine	Ownership Interest
		Abbott	Contracted Research
		Medtronic	Contracted Research
		Vertiflex	Contracted Research
		Stimgenics	Contracted Research
		Boston Scientific	Contracted Research
		Abbott	Consulting Fee
		Vertiflex	Consulting Fee
		Medtronic	Consulting Fee
		Boston Scientific	Consulting Fee
		Vertos	Consulting Fee
		Relieva	Consulting Fee
		Mainstay	Consulting Fee
Steven	Falowski	SurgenTec	Consulting Fee
Megan	Filoramo	Nevro	Speakers Bureau
Michael	Fishman	Celeri Health	Ownership Interest - Own the Company
		Aurora Pain Care	Ownership Interest
		Thermaquil	Ownership Interest

		Aurora Pain Care	Ownership Interest
		SGX International	Ownership Interest
		Thermaquil	Ownership Interest
		Medtronic	Fees for Non-CME/CE Services (e.g. advisor)
		Institute for Musculoskeletal Education	Fees for Non-CME/CE Services (e.g. advisor)
		Brixton Biosciences	Fees for Non-CME/CE Services (e.g. advisor)
		Biowave	Fees for Non-CME/CE Services (e.g. advisor)
		Biotronik	Contracted Research
		Abbott	Contracted Research
		Foundation Fusion Solutions	Contracted Research
		Nalu medical	Contracted Research
		Seikagaku	Contracted Research
		Boston Scientific (Vertiflex)	Contracted Research
		SGX Medical	Contracted Research
		Lumbrera	Contracted Research
		Interaxon	Contracted Research
		Abbott	Contracted Research
		Biotronik	Contracted Research
		Foundation Fusion Solutions	Contracted Research
		InterAxon	Contracted Research
		Medtronic	Contracted Research
		Nalu Medical	Contracted Research
		PainQX	Contracted Research
		SGX Medical	Contracted Research
		Thermaquil	Contracted Research
		Abbott	Consulting Fee
		Medtronic	Consulting Fee
		Nevro	Consulting Fee
		Biotronik	Consulting Fee
		Institute for Musculoskeletal Education	Consulting Fee
Glenn	Franken	Abbott	Contracted Research
		Mainstay Medical	Contracted Research
		Sollis Therapeutics	Contracted Research
Christopher	Gilligan	Persica	Consulting Fee

		Saluda	Consulting Fee
Christopher	Gilmore	Nevro	Speakers Bureau
		SPR Therapeutics	Contracted Research
		SPR Therapeutics	Consulting Fee
		Saluda	Consulting Fee
		Biotronik	Consulting Fee
		Boston Scientific Neuromodulation	Consulting Fee
		Nalu Medical	Consulting Fee
		Shiratronics	Consulting Fee
Johnathan	Goree	SPR Therapeutics	Contracted Research
		Mainstay Medical	Contracted Research
		Stratus Medical	Consulting Fee
		Abbott Neuromodulation	Consulting Fee
		Saluda Medical	Consulting Fee
Casey	Grillo	ABBOTT	Consulting Fee
Maged	Guirguis	ABBOTT	Contracted Research
		NEVRO	Contracted Research
		avanos	Contracted Research
		saluda	Contracted Research
		Nalu	Contracted Research
		Nevro	Consulting Fee
		Avanos	Consulting Fee
		SALUDA	Consulting Fee
Amitabh	Gulati		Ownership Interest: Own Stock, Stock Options, Future Stock Options
		maxWell Therapeutics	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Somme Therapeutics	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Medtronic	Consulting Fee
		Flowonix	Consulting Fee
		SPR Therapeutics	Consulting Fee
		Nalu Medical	Consulting Fee
		AIS Healthcare	Consulting Fee
		Neurovasis	Consulting Fee
		Treameau Medical	Consulting Fee
		Tersera Medical	Consulting Fee
Ashish	Gulve	Medtronic	Speakers Bureau
		Nevro	Speakers Bureau

		Abbott	Speakers Bureau
		Boston	Speakers Bureau
		Saluda	Consulting Fee
Mayank	Gupta	Nevro Corp.	Contracted Research
		Averitas Pharma	Contracted Research
		Nalu Medical	Contracted Research
		Vertos, Inc	Contracted Research
		Averitas Pharma	Consulting Fee
		Nevro Corp.	Consulting Fee
		Nalu Medical	Consulting Fee
Jonathan	Hagedorn	Abbott	Contracted Research
		Saluda	Contracted Research
		Medtronic	Contracted Research
		Abbott	Contracted Research
		Medtronic	Contracted Research
		Saluda	Contracted Research
		Abbott	Consulting Fee
		Boston Scientific	Consulting Fee
		Nevro	Consulting Fee
		Saluda	Consulting Fee
		Abbott	Consulting Fee
		Boston Scientific	Consulting Fee
		Nevro	Consulting Fee
		Saluda	Consulting Fee
Jennifer	Hah	Nalu Medical	Consulting Fee
Chelsey	Hoffmann	Nalu Medical	Consulting Fee
		SPR Therapeutics	Consulting Fee
Christine	Hunt	Nevro	Contracted Research
Philip	Kim	medtronic	Speaker/Teacher
		biotronik	Consultant
		tersara	Speakers Bureau
		Boston Scientific	Contracted Research
		abbott	Contracted Research
Lynn	Kohan	Avanos	Consulting Fee
		focused ultrasound foundation	Contracted Research
Brian	Kopell	Abbott Neuromodulation	Consulting Fee
		Medtronic	Consulting Fee
		ClearPoint Neuro	Consulting Fee

Lisa	Kroopf	Boston Scientific	Consulting Fee
Eric	Lee	Abbott	Consulting Fee
		Biotronik	Consulting Fee
		Abbott	Contracted Research
		Boston Scientific	Contracted Research
Robert	Heros	Boston Scientific	Speakers Bureau
		Mainstay Medical	Speakers Bureau
		Abbott Medical	Contracted Research
		Mainstay Medical	Contracted Research
		Saluda	Contracted Research
		Ethos Laboratories	Contracted Research
		Abbott Medical	Consulting Fee
		Biotronik	Consulting Fee
		Boston Scientific	Consulting Fee
		Mainstay Medical	Consulting Fee
Corey	Hunter	Saluda	Consulting Fee
Corey	Hunter	Nalu	Ownership Interest - Future Stock Options
		Mainstay	Ownership Interest - Future Stock Options
		PainTEQ	Ownership Interest - Future Stock Options
		Spine BioPharma	Ownership Interest - Future Stock Options
		Abbott	Contracted Research
		Saluda	Contracted Research
		Discgenics	Contracted Research
		Abbott	Consulting Fee
		Biotronik	Consulting Fee
Marc	Huntoon	SPR	Employee
		Saluda; Mainstay Medical	Consulting Fee
		SPR	Consulting Fee
Zohra	Hussaini	NEVRO, Flowonix, Medtronic	Consulting Fee
		Averitas	Consulting Fee
		VERTOS	Consulting Fee
Frank J.P.M.	Huygen	ABBOTT	Speakers Bureau
Jessica	Jameson	Nevro	Contracted Research
		Boston Scientific	Contracted Research

		Saluda	Contracted Research
		Nevro	Consulting Fee
		Abbott	Consulting Fee
jan	kallewaard	Abbott	Contracted Research
		Boston Scientific	Consulting Fee
		saluda	Consulting Fee
		medtronic	Consulting Fee
Robert	Kaplan	Avant-Garde Health	Ownership Interest: Own Stock, Stock Options, Future Stock Options
Leonardo	Kapural	Gimer	Fees for Non-CME/CE Services (e.g. advisor)
Pankaj	Mehta	ABBOTT , BOSTON SCIENTIFIC , VERTIFLEX , SPR , CORNER LOC	Speakers Bureau
Narayan	Kissoon	UpToDate	Royalty
		Nevro	Contracted Research
Nebojsa Nick	Knezevic	Scilex Pharmaceuticals	Consulting Fee
Seth	Koenig	Abbott Neuromodulation	Contracted Research
Peter	Konrad	Neurotargeting	Ownership Interest - Own the Company
		Medtronic	Contracted Research
		SetPoint Medical	Contracted Research
Aura	Kullmann	NeuroOne Medical Technologies Corporation	Employee
Kwan	Lee	Nevro	Employee
Scott	Lempka	CereGate	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Presidio Medical, Inc.	Ownership Interest - Future Stock Options
		Hologram Consultants, LLC	Ownership Interest - Future Stock Options
		Abbott Neuromodulation	Fees for Non-CME/CE Services (e.g. advisor)
		Medtronic, Inc.	Contracted Research
		Abbott Neuromodulation	Contracted Research
		Robert	Levy

		Nalu	Ownership Interest - Future Stock Options
richard	north	Abbott	Royalty
		StimQ	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Boston Scientific	Consulting Fee
Stefano	Palmisani	Nevro	Consulting Fee
		Saluda	Consulting Fee
Joseph	Pancrazio	Abbott	Contracted Research
Sean	Li	Scilex Pharma	Speakers Bureau
		Nalu	Ownership Interest - Future Stock Options
		Boston Scientific	Contracted Research
		Nevro	Contracted Research
		SPR Therapeutics	Contracted Research
		Avanos	Contracted Research
		Saluda	Contracted Research
		Biotronik	Contracted Research
		PainTeq	Contracted Research
		Nalu	Contracted Research
		Averitas Pharmaceuticals	Contracted Research
		Ethos Laboratories	Contracted Research
		Saol therapeutics	Contracted Research
		Abbott	Consulting Fee
		Boston Scientific	Consulting Fee
		Nevro	Consulting Fee
		SPR Therapeutics	Consulting Fee
		Nalu	Consulting Fee
		Avanos	Consulting Fee
		Saluda	Consulting Fee
Dennis	Patin	Medtronic	Consulting Fee
		Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
		Nevro	Consulting Fee
Sean	Li	Averitas Pharmaceutical	Consulting Fee
		Vertos Medical	Consulting Fee
		Biotronik	Consulting Fee
		PainTeq	Consulting Fee

		Pacira Biosciences, Inc	Consulting Fee
Timothy	Lubenow	Abbott	Consulting Fee
		Nevro	Consulting Fee
		Boston Scientific	Consulting Fee
		Flowonix	Consulting Fee
		Medtronic	Consulting Fee
Corneliu	Luca	Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
Kip	Ludwig		Ownership Interest: Own Stock, Stock Options, Future Stock Options
		NeuraWorx	
		Alfred Mann Foundation	Contracted Research
		Abbott	Consulting Fee
		Cala Health	Consulting Fee
		Presidio Medical	Consulting Fee
		CVRx	Consulting Fee
Mark	Malinowski	PrescribeFIT Strategic Investors LLC	Ownership Interest
		Nalu Medical, LLC	Consulting Fee
		Abbott Laboratories, Inc.	Consulting Fee
Gladstone	McDowell		researcher, consultant, speaker's bureau
		Jazz Pharmaceuticals	
		Flowonix Medical	Contracted Research
		Medtronic, Inc.	Contracted Research
Bryan	McLaughlin	Bryan McLaughlin, owner of Micro-Leads	Owner
Nagy	Mekhail	Mesoblast, Neuros,	Contracted Research
		Saluda Medical, Abbott, Nevro inc, Vivex, Sollis,	Consulting Fee
		Relievant MedSystems	Consulting Fee
Daniel	Merrill	Presidio Medical Inc.	Consulting Fee
		Nevro Corp.	Consulting Fee
		SensArs Neuroprosthetics	Consulting Fee
		Alfred Mann Foundation	Consulting Fee
		Medtronic	Consulting Fee
		Abbott Advanced Neuromodulation System	Consulting Fee
		Blue Wind Medical	Consulting Fee
		Cadence Neuroscience	Consulting Fee
Brittney	Misercola	Pain Teq	Speakers Bureau

		Consultant/Speaker ABBOTT	Consulting Fee
		Consultant/Speaker Boston Scientific/Vertiflex	Consulting Fee
		Advisory SPR Therapeutics	Consulting Fee
		Consultant- Corner Loc	Consulting Fee
		Spinal Simplicity	Consulting Fee
		Relieva	Consulting Fee
Melissa	Murphy	Medtronic	Consulting Fee
		ZMT Zurich MedTech AG	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		TI Solutions AG	Ownership Interest: Own Stock, Stock Options, Future Stock Options
Esra	Neufeld	ZMT Zurich MedTech AG	Employee
		Spinal Modulation	Receipt of Intellectual Property Rights/Patent Holder
		Abbott	Contracted Research
		Abbott	Consulting Fee
		Saluda	Consulting Fee
Harold	Nijhuis	Salvia	Consulting Fee
		Allergan Neurosciences	Speakers Bureau
		Amgen Pharmaceuticals	Speakers Bureau
		Vertos Medical	Speakers Bureau
		Lundbeck Pharmaceutical	Speakers Bureau
		CornerLoc	Ownership Interest
		Abbott Medical	Contracted Research
		Nevro	Contracted Research
		Aurora Spine	Contracted Research
		CornerLoc	Consulting Fee
		AIS Healthcare	Consulting Fee
		Flowonix	Consulting Fee
		Saluda Medical	Consulting Fee
		Vivex	Consulting Fee
		Abbvie	Consulting Fee
		Pajunk Medical	Consulting Fee
Erika	Petersen	neuro.42	Ownership Interest: Own Stock, Stock Options, Future Stock Options

		SynerFuse	Ownership Interest - Future Stock Options
		Nevro	Contracted Research
		Neuros Medical	Contracted Research
		Saluda	Contracted Research
		Nalu	Contracted Research
		Nevro	Consulting Fee
		Medtronic Neuromodulation	Consulting Fee
		Neuros Medical	Consulting Fee
		Abbott Neuromodulation	Consulting Fee
		Vertos	Consulting Fee
		Presidio Medical	Consulting Fee
		Nalu	Consulting Fee
		Saluda	Consulting Fee
Julie	Pilitsis	Aim Medical Robotics	Speakers Bureau
		Karuna	Speakers Bureau
		Aim Medical Robotics	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Aim Medical Robotics	Ownership Interest - Own Stocks
		Karuna	Ownership Interest - Own Stocks
		Boston Scientific	Contracted Research
		Nevro	Contracted Research
		Medtronic	Contracted Research
		Abbott	Contracted Research
		Medtronic	Contracted Research
		Boston Scientific	Contracted Research
		Abbott	Contracted Research
		Nevro	Contracted Research
		Saluda	Contracted Research
		Boston Scientific	Consulting Fee
		Nevro	Consulting Fee
		Medtronic	Consulting Fee
		Saluda	Consulting Fee
		Abbott	Consulting Fee
		Boston Scientific Corporation	Consulting Fee
Nevro	Consulting Fee		

		Medtronic	Consulting Fee
		Saluda	Consulting Fee
		Abbott	Consulting Fee
Elvira	Pirondini	Reach Neuro .inc	Receipt of Intellectual Property Rights/Patent Holder
		Celeri Health	Ownership Interest - Own the Company
		Neural Integrative Solutions	Ownership Interest - Own the Company
		Thermaquil	Ownership Interest - Own Stocks
		SPR Therapeutics	Ownership Interest - Own Stocks
		Painteq	Ownership Interest - Future Stock Options
		Aurora Spine	Ownership Interest
		Ethos Labs	Contracted Research
		Boston Scientific	Contracted Research
Jason	Pope	Mainstay	Contracted Research
		Boston Scientific Neuromodulation	Consulting Fee
		Boston Scientific Neuromodulation	Contracted Research
		stryker	Consulting Fee
		Monteris	Consulting Fee
Joshua	Rosenow	AIM Medical Robotics	Consulting Fee
		Abbott	Consulting Fee
		Saluda	Consulting Fee
		Vertos	Consulting Fee
		Flowonix	Consulting Fee
		Medtronic	Consulting Fee
		WISE	Consulting Fee
		SPARK	Consulting Fee
Jason	Pope	Biotronik	Consulting Fee
		Nalu	Ownership Interest
		saluda Inc	Ownership Interest
		Saluda Medical	Contracted Research
		Nalu Medical	Contracted Research
		Medtronic	Consulting Fee
		Nalu Medical	Consulting Fee
Lawrence	Poree	Saluda Medical	Consulting Fee

Nader	Pouratian	Abbott	Consulting Fee
		Second Sight Medical Products	Consulting Fee
		Boston Scientific	Consulting Fee
		Sensoria Therapeutics	Consulting Fee
Steven	Prescott	Boston Scientific	Contracted Research
		Presidio Medical	Consulting Fee
		Boston Scientific	Consulting Fee
David	Provenzano	AVANOS	Contracted Research
Maricela	Schnur	Abbott	Consulting Fee
		Sprint	Consulting Fee
David	Provenzano	ABBOTT	Contracted Research
		NEVRO	Contracted Research
		MEDTRONIC	Contracted Research
		AVANOS	Consulting Fee
		BOSTON SCIENTIFIC	Consulting Fee
		MEDTRONIC	Consulting Fee
		NEVRO	Consulting Fee
SI-Bone	Consulting Fee		
Yawar	Qadri	Sorrento	Contracted Research
Morteza	Rabii	Flowonix Medical, Inc	Consulting Fee
		Abbott neuromodulation	Consulting Fee
		Spinal Simplicity	Consulting Fee
Samir	Sheth	Medtronic	Fees for Non-CME/CE Services (e.g. advisor)
		Boston Scientific	Fees for Non-CME/CE Services (e.g. advisor)
		Nevro	Consulting Fee
		Sprint	Speakers Bureau
		Relievent	Consulting Fee
Morteza	Rabii	Southern Spine	Consulting Fee
Vikram	Rao	Novela Neurotechnologies	Ownership Interest: Own Stock, Stock Options, Future Stock Options
Prasad	Shirvalkar	Medtronic Inc	Contracted Research
Vikram	Rao	LivaNova PLC	Fees for Non-CME/CE Services (e.g. advisor)

		Medtronic Inc	Contracted Research
Richard	Rauck	Boston Scientific	Speakers Bureau
		Medtronic	Contracted Research
		Mainstay	Contracted Research
		Saluda	Contracted Research
		SPR Therapeutics	Contracted Research
		Nevro	Contracted Research
		Neuros	Contracted Research
		Boston Scientific	Contracted Research
		Medtronic	Contracted Research
		Saluda	Contracted Research
		Mainstay Medical	Contracted Research
		Nevro	Contracted Research
		Boston Scientific	Consulting Fee
		Mainstay Medical	Consulting Fee
Marc	Russo	Freedom Neuro	Ownership Interest - Own Stocks
		Lungpacer	Ownership Interest - Own Stocks
		SPR Therapeutics	Ownership Interest - Own Stocks
		Presidio Medical	Ownership Interest
		Saluda Medical	Ownership Interest
		Boston Scientific	Contracted Research
		Mainstay Medical	Contracted Research
		Medtronic	Contracted Research
		Nevro	Contracted Research
		Saluda Medical	Contracted Research
		Presidio Medical	Contracted Research
Natalie	Strand	biotronik	Consulting Fee
Michael	Saulino	Ipsen	Speakers Bureau
		piramal	Speakers Bureau
		MEDTRONIC	Speakers Bureau
		IPSEN	Speakers Bureau
		PIRAMAL	Speakers Bureau
Tony	Yaksh	MEdtronic	Independent Contractor
		Concentric	Independent Contractor
		Neurobridge	Consultant
		Coda biotherapeutic	Independent Contractor

		Naveda	Consultant
		Rafts	Member of Advisory Board or Review Panel
		Teva	Consultant
		Eupraxia	Consultant
		Epigen	Consultant
		Opsin Bio	Ownership Interest
		Sintetica	Consulting Fee
		Arkturus	Consulting Fee
		Raft Pharmaceutical	Owner: individuals with legal ownership in a company
		Excure	Consulting Fee
Michael	Saulino	MEDTRONIC	Contracted Research
		BIONESS	Contracted Research
		Tersera	Consulting Fee
Michael	Schatman	Modoscript	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Collegium	Fees for Non-CME/CE Services (e.g. advisor)
Eric	Schepis	Soin Neuroscience	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Synaptrix	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Motility Medical	Ownership Interest: Own Stock, Stock Options, Future Stock Options
Nathaniel	Schuster	Eli Lilly	Speakers Bureau
		Averitas	Speakers Bureau
Erik	Shaw	Boston Scientific	Speakers Bureau
Darin	Dougherty	Medtronic	Consulting Fee
		Medtronic	Contracted Research
Erik	Shaw	Nalu	Speakers Bureau
		Ter Sera	Speakers Bureau
		SPR Therapeutics	Consulting Fee
Sameer	Sheth	Koh Young	Consulting Fee
Sameer	Sheth	NeuroPace	Consulting Fee

Dalia	Elmofty	Averitas	Fees for Non-CME/CE Services (e.g. advisor)
		Boston Scientific	Consultant
Sameer	Sheth	Zimmer Biomet	Consultant
Shawn	Sills	Nevro	Contracted Research
Vinita	Singh	Releviate	Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Stimwave, Themaquil, Neuramodix, Higgs Boson,	Ownership Interest
Konstantin	Slavin	Medtronic, Abbott, Boston Scientific, MESI, Stimwave,	Consulting Fee
		Neuros medical, nuvectra, soin neuroscience	Ownership Interest: Own Stock, Stock Options, Future Stock Options
Amol	Soin	avanos	Contracted Research
		averitas	Royalty
		Grunenthal	Royalty
		SPR therapeutics	Ownership Interest
		biotronik	Fees for Non-CME/CE Services (e.g. advisor)
		Nalu	Fees for Non-CME/CE Services (e.g. advisor)
		electrocore	Employee
		electroCore	Employee
		nalu	Contracted Research
		saluda	Contracted Research
Peter	Staats	medtronic	Consulting Fee
Megan	Filoramo	Salix Pharmaceuticals	Speakers Bureau
Peter	Staats	Saluda Medical	Consulting Fee
Vishad	Sukul	Boston Scientific	Consulting Fee
		Nevro	Consulting Fee
		Saluda	Consulting Fee
Rod	Taylor	Medtronic	Consulting Fee
		SK Life Science	Speakers Bureau
		Livanova	Speakers Bureau
		Greenwich Biosciences	Speakers Bureau
Bethany	Thomas	SK Life Science	Consulting Fee

		Boston Scientific Neuromodulation	Consulting Fee
		Saluda medical	Consulting Fee
Simon	Thomson	Mainstay Medical	Consulting Fee
		Galvani Bioelectronics	Consulting Fee
Reda	Tolba	Abbott, Medtronic	Consulting Fee
		Abbott	Consulting Fee
Nestor	Tomycz	SI bone	Consulting Fee
		Medtronic	Speakers Bureau
		Medtronic	Speakers Bureau
		Medtronic	Speakers Bureau
		SGX-Medical	Ownership Interest
		Medtronic	Consulting Fee
		Medtronic	Consulting Fee
Ricardo	Vallejo	Medtronic	Consulting Fee
Stephanie	Vanterpool	Cohere Medical Advisory Board	Consulting Fee
		AbbVie	Speakers Bureau
		Merz	Speakers Bureau
		Ipsen	Speakers Bureau
		Piramal	Speakers Bureau
		Ipsen	Contracted Research
		AbbVie	Consulting Fee
		Merz	Consulting Fee
Monica	Verduzco-Gutierrez	Ipsen	Consulting Fee
		Abbott	Speakers Bureau
		Abbott	Fees for Non-CME/CE Services (e.g. advisor)
		Medtronic	Fees for Non-CME/CE Services (e.g. advisor)
		UniQure	Fees for Non-CME/CE Services (e.g. advisor)
		ABBOTT	Contracted Research
		Abbott	Consulting Fee
		Boston Scientific	Consulting Fee
		Medtronic	Consulting Fee
Jan	Vesper	Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
Jacqueline	Weisbein	Medtronic	Consulting Fee

		Vertos	Consulting Fee
		Saluda	Consulting Fee
Warren	Grill	Boston Scientific	Royalty
		Boston Scientific	Consulting Fee
		Boston Scientific	Contracted Research
		SPR Therapeutics	Owner
		SPR Therapeutics	Consulting Fee
		Cala Health	Consulting Fee
		Cala Health	Ownership Interest
		Medtronic PLC	Contracted Research
		LivaNova	Contracted Research
		Dignify Therapeutics	Contracted Research
		CheckPoint Surgical	Owner
		Deep Brain Innovations	Royalty
		Deep Brain Innovations	Owner
		NDI Healthcare Fund	Owner
		Diagnostic Biochips	Ownership Interest
Jacqueline	Weisbein	SI Bone	Consulting Fee
		Biotronik	Consulting Fee
Teresa	Wen	Rune Labs, Inc.	Employee
Alik	Widge	Medtronic	Principal Investigator
Derron	Wilson	Abbott	Speakers Bureau
		Boston Scientific	Speakers Bureau
		Abbott	Contracted Research
		Boston Scientific	Contracted Research
		Abbott	Consulting Fee
		Biotronik	Consulting Fee
Chengyuan	Wu		Ownership Interest: Own Stock, Stock Options, Future Stock Options
		Zeta Surgical	
		Nevro Corp.	Consulting Fee
		Medtronic Inc	Consulting Fee
		Neuropace, Inc	Consulting Fee
		Micro Systems Engineering	Consulting Fee
		Boston Scientific	Consulting Fee
		Abbott	Consulting Fee
		NeuroOne	Consulting Fee
Halina	Zyczynski	Amara Therapeutics Scientific - Advisory Board	Fees for Non-CME/CE Services (e.g. advisor)

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