



Lumbar Spine Research Society 2024 Annual Meeting
PARTICIPANT DISCLOSURES

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LSRS 2024 Annual Meeting Disclosures Key

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2. Paid or Unpaid employee or Consultant
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- (n) Nothing to Disclose

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Mitigation Strategies of Relevant Financial Relationships

- A. N/A- No mitigation strategies required
- B. Divest the financial relationship
 - Applicable to any
- C. Recusal from the review of activity/topic selection with which there is a financial relationship
 - Applicable to reviewers
- D. Recusal from controlling aspects of planning and content with which there is a financial relationship
 - Applicable to planners
- E. Peer review of planning decision by persons without relevant financial relationships (e.g., Members of CME Committee)
 - Applicable to planners
- F. Peer review of content decision by persons without relevant financial relationships (e.g., Ethics/COI Committee)
 - Applicable to faculty and others
- G. Attest that clinical recommendations are evidence-based and free of commercial bias (e.g., peer-reviewed literature, adhering to evidence-based practice guidelines)
 - Applicable to faculty and others
- H. Use other methods (please describe)

Owners and employees of ineligible companies (commercial interests) are excluded from participating in NASS activities as planners, faculty and other roles as listed in the [CME Activity Definition Document](#), with the exception of the three circumstances below:*

- 1. When the content of the activity is not related to the business lines or products of their employer/company.*
- 2. When the content of the accredited activity is limited to basic science research, such as pre-clinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.*
- 3. When they are participating as technicians to teach the safe and proper use of medical devices, and do not recommend whether or when a device is used.*

**Ineligible companies are those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.*

Last	First	Individual's Role(s) in Activity (e.g. Planner, Reviewer, Speaker, Author, Moderator, Panelist)	Presentation Designation	Name of Ineligible Company(s) 1:Speaker/Presenter, 2:Consultant, 3:Stock or Royalties, 4:Research or Institution Support, 5:Financial or Material Support, 6:Royalties from Publishers or serving in an Editorial Capacity, 7:Paid or Unpaid Board or Committee member in other entity/organization	Mechanism(s) Implemented to Mitigate Relevant Financial Relationships Appropriate to Role(s) in the Activity
Abdou	Marc	Author	Paper 10	Nothing to disclose	
Abdulahak	Muwaffak	Author	Paper 14, Paper 34	Nothing to disclose	
Abtahi	Amir	Author	Paper 49, RF03	3.Eli Lilly , Novo Nordisc;	
Adida	Samuel	Author	Paper 20	Nothing to disclose	
Adogwa	Owoicho	Author	Paper 15	Nothing to disclose	
Agyeman	Nana	Author		Nothing to disclose	
Ahn	Nicholas	Presenter	Paper 11	Nothing to disclose	
Alan	Nima	Author		Nothing to disclose	
Albert	Todd	Panelist	Symposium 2	2. NuVasive, Inc.; 3. Innovative Surgical Designs, Inc., Strathspey Crown, Augmedics, Pulse Equity, Back Story LLC, InVivo Therapeutics, Spinicity, CytoDyn Inc., Paradigm Spine, LLC, HS2, LLC, Parvizi Surgical Innovation, LLC, Surg.IO LLC, Care Equity, Morphogenesis, Precision Orthopedics, Physician Recommended Nutraceuticals; 6. ZIMMER BIOMET, DePuy Synthes Spine	N/A
Albert	Hanne	Author	Paper 02	6.European Spine Journal, Editor, no finances involved;	
Aleem	Ilyas	Author	RF11	2.Globus, Orthofix; 4.Orthofix , Nuvasive; 7.Csrs , Nass , Aaos ;	
Allen	Brandon	Author		3.Medtronic, BioNTech SE, Moderna; 4.Medtronic; 5.Medtronic ;	
Allen	Myles	Author	Paper 20, RF04, RF08	Nothing to disclose	
Allen	Tyler	Author		Nothing to disclose	
Alluri	Ram	Author	Paper 10, RF07	5.Nuvasive, Seaspine;	
Alostaz	Murad	Author	Paper 16	Nothing to disclose	
Alsoof	Daniel	Author	Paper 39	Nothing to disclose	
Alvaro	Catherine	Author		Nothing to disclose	
Ambati	Vardhaan	Author		Nothing to disclose	
Ames	Christopher	Author	Paper 24	2. DePuy Synthes, Medtronic, Mediecrea, K2M , Agada Medical, Carlsmid ; 3.Biomet Zimmer Spine, DePuy Synthes, K2M , Mediecrea , Next Orthosurgical, Nuvasive , Stryker ; 4.Titan Spine, DePuy Synthes, ISSG, SRS; 7. Operative Neurosurgery, Neurospine, ISSG Executive Committee, Global Spinal Analytics, SRS Safety and Value Committee;	
Amoroso	Krizia	Author	Paper 13	Nothing to disclose	
Anastasio	Albert	Author		2.QPIX Solutions;	
Anderson	Paul	Panelist	Symposium 2	1. Amgen-Speaker; 2. Amgen-Consultant; 5. Radius medical-Research Support; 7. ISCD-President	N/A
Antonacci	Christopher	Presenter	Paper 37, Paper 40	Nothing to disclose	
Anwar	Fatima	Author	Paper 18, Paper 38	Nothing to disclose	
Araghi	Kasra	Author	Paper 20, RF04, RF08	Nothing to disclose	
Archer	Kristin	Author	Paper 03	1.NeuroSpinal Innovation, Inc; 2.NeuroSpinal Innovation. inc; 7.NASS Research Committee, Physical Therapy editorial board, Archives of PMR editorial board , Spine editorial board;	
Arnold	Paul	Past Past President, Moderator, Author	Paper 44, Paper 45	2.SpineEx; 3.SpineEx; 4.oxiplex, Premia Spione, Cerapedics, AOSpine International; 6.JSCM, Clinical Spine Surgery, Spine, The Spine Journal, Global Spine Journal;	N/A
Arpey	Nicholas	Author	RF10	Nothing to disclose	

Arts	Mark	Author	Paper 46	3.royalties from Johnson and Johnson; 4.study funding outside the submitted work from Johnson and Johnson; 5.consultant Nuvasive, Johnson and Johnson, Bolt;	
Arzani	Artine	Author	Paper 13	Nothing to disclose	
Asada	Tomoyuki	Presenter	Paper 20, RF04, RF08	Nothing to disclose	
Asher	Anthony	Author		2.Globus, Stryker ; 7.AANS, ASR;	
Asher	Devin	Author	Paper 33	Nothing to disclose	
Ashraf	Ahmed	Author		Nothing to disclose	
Astudillo Potes	Maria	Author	Paper 07	Nothing to disclose	
Avetisian	Henry	Author		Nothing to disclose	
Avramis	Ioannis	Author	RF12	2.Acuity Surgical, Depuy Synthes; 6.Acuity Surgical;	
Bajaj	Pranav	Author	Paper 42	Nothing to disclose	
Bakle	Curtis	Author	Paper 49	Nothing to disclose	
Ball	Jacob	Author		Nothing to disclose	
Balmaceno-Criss	Mariah	Author	Paper 24, Paper 39	Nothing to disclose	
Balu	Abhinav	Author		Nothing to disclose	
Bansal	Aiyush	Author	Paper 16	Nothing to disclose	
Barner	Kyle	Author		Nothing to disclose	
Batbold	Anudariya	Author		Nothing to disclose	
Baumann	Anthony	Author	RF06, RF11	Nothing to disclose	
Bernatz	James	Planner, Membership Committee, Program Committee, Moderator, Author	Paper 50	Nothing to disclose	N/A
Bernstein	David	Author	Paper 05	4.CSRS (Cervical Spine Research Society), AFSH (American Foundation for Surgery of the Hand), AOFAS (American Orthopaedic Foot & Ankle Society (AOFAS)); 6.Clinical Orthopaedics and Related Research (CORR) - Associate Editor, Spine-Social Media Editor, Journal of Orthopaedic Experience & Innovation (JOEI) - Editorial Board Member;	
Bertolino	Melanie	Author		Nothing to disclose	
Berven	Sigurd	Speaker	Symposium 1	2. Medtronic, Globus, Innovaxis, Accelus, Kuros; 3. Royalties: Elsevier, Stryker, Medtronic; Stock: Globus, Novapproach, GreenSun Medical; 6. Elsevier-Royalties	N/A
Bess	Shay	Author	Paper 24	1.Stryker , Atec ; 2.K2M Stryker , Atec; 3.K2M Stryker , Nuvasive ; 4.DePuySynthes , Medtronic , Nuvasive , K2M Stryker , Globus , Sea spine, Carlsmed ; 7.SRS, NASS;	
Beutler	Graham	Author	Paper 22	Nothing to disclose	
Bhandutia	Amit	Author	Paper 11	2.4WEB Medical, Corelink/Zavation, Ferring Pharmaceuticals; 6.Journal of Orthopaedic Experience & Innovation; 7.AAOS: Education Assessments and Examination Committee, NASS: Clinical Practice Guidelines Committee;	
Bishara	Andrew	Author	Paper 03	2.Bezel health founder (medical informatics company), 2 Minute Medicine (own stock); 3.Bezel health founder (medical informatics company), 2 Minute Medicine (own stock);	
Bisson	Erica	Author	Paper 47, RF05	1.Stryker; 2.Stryker, MiRus, Proprio, Medtronic; 3.MiRus, nView, Proprio; 7.JNS editorial board, DSPN EC;	
Bivona	Louis	Author	RF17	Nothing to disclose	
Blajda	Timothy	Author	RF02	Nothing to disclose	
Bono	Christopher	Author	Paper 05	6.The Spine Journal, Wolters Kluwer, Elsevier;	

Boody	Barrett	Author	Paper 22	2.Medtronic ; 4.Medtronic;	
Boparai	Saurav	Author	RF02	Nothing to disclose	
Bovonratwet	Patawut	Author	RF08	Nothing to disclose	
Bowen	Grace	Author	Paper 43	2.Abvie Pharmaceutical ; 3.Abvie Pharmaceutical;	
Brennan	Matthew	Author	Paper 34	Nothing to disclose	
Brodke	Darrel	Panelist, Author	Symposium 2	2.Orthofix; 5.CTL Amedica;	N/A
Broska	Joellen	Author		Nothing to disclose	
Buckland	Aaron	Author	Paper 29	1.NuVasive; 2.NuVasive, Medtronic; 3.NuVasive, Altus, Evolution Spine; 4.NuVasive, Accelus, Synergy Spine Solutions;	
Buell	Thomas	Author	Paper 24	4.Nuvasive; 6.Operative Neurosurgery;	
Bulloch	Landon	Planner, Program Committee		Nothing to disclose	N/A
Burton	Douglas	Author	Paper 24	2.DePuy Spine; 3.DePuy Spine, Progenerative Medical; 4.Depuy Spine, Bioventus, Progenerative Medical; 6.Spine, The Spine Journal, Spine Deformity, Clinical Spine Surgery; 7.International Spine Study Group, Scoliosis Research Society;	
Buser	Zorica	Planner, Moderator, Co-Chair Program Committee, Author	Paper 03, Paper 25	Grants/ Research support: AO Spine (Paid directly to institution/employer); Nexus Spine (Paid directly to institution/employer), Medical Metrics (Paid directly to institution/employer); SBIR NIH (past, Paid directly to institution/employer); Medical Metrics (past, Paid directly to institution/employer); Next Science (past, Paid directly to institution/employer); Consultancy: Next Science (paid directly to institution/employer); Scientific Advisory Board: Medtronic, Medical Metrics, DePuy Synthes; Trips/Travel: AO Spine (Travel Expense Reimbursement, travel reimbursements for AO Spine Knowledge forum meetings and congresses), NASS (Travel Expense Reimbursement); Board of Directors: LSRS (Nonfinancial, Co-chair Program Committee); Committees: AO Spine Knowledge Forum Degenerative (Steering Committee Member); North American Spine Society: Research Project Management Committee (Vice chair), Section on Biologics & Basic Research (Co-chair), The Spine Journal Peer Reviewers (Committee member). Patents (issued): Biomarkers for painful intervertebral disc and methods of use thereof	Peer review of planning decision by persons without financial relationships.
Bustos	Sabrina			Nothing to disclose	
Butrico	Casey	Author	Poster 08	3.Kuros Biosciences;	Attest that clinical recommendations are evidence-based and free of commercial bias (e.g., peer-reviewed literature, adhering to evidence-based practice guidelines)
Bydon	Mohamad	Author	Paper 07, Paper 09, Paper 47, RF05	Nothing to disclose	
Caffard	Thomas	Author	Paper 13	Nothing to disclose	
Calton	Tyler	Author	RF06	Nothing to disclose	
Camino-Willhuber	Gaston	Author	Paper 13	Nothing to disclose	
Cammisa	Frank	Author	Paper 13	1.Orthofox Medical Inc.; 2.Spine Biopharma, LLC, Accelus; 3.Accelus, Orthobond Corporation, Spine Biopharma, LLC; 4.Camber Spine, Centinel Spine, 4WEB Medical/4WEB, Inc.; 5.VBVP VI & X, LLC, Healthpoint Capital Partners, LP, Woven Orthopedic Technologies, Orthobond Corporation, 4WEB Medical/4WEB, Inc., ISPH II, LLC & ISPH 3 Holdings, LLC, Tissue Differentiation Intelligence, LLC, Ivy Healthcare Capital Partners, LLC, Medical Device Partners II & III, LLC, Spine Biopharma, LLC; 6.Accelus; 7.Woven Orthopedic Technologies, Orthobond Corporation, Healthpoint Capital Partners, LP, Spine Biopharma, LLC, Medical Device Partners II, LLC;	
Canseco	Jose	Author	Paper 04, Paper 12, Paper 43	2.Pathkeeper Surgical; 3.Pathkeeper Surgical; 4.Spinal Elements, Kuros Bio, Ossiform, Accelus; 6.Clinical Spine Surgery journal; 7.Cervical Spine Research Society;	
Carey	Preston	Author		Nothing to disclose	

Carter	Michael	Presenter	Paper 43	Nothing to disclose	
Cavanaugh	Daniel	Author	RF17	1.Alphatec Spine; 2.Alphatec; 3.Alphatec Spine;	
Cha	Thomas	Author	Paper 05	2.Stryker, Nuvasive, Globus; 5.Nuvasive, Bio2;	
Chaker	Anisse	Presenter	Paper 14, Paper 34	Nothing to disclose	
Chan	Andrew	Presenter	Paper 47	Nothing to disclose	
Chandrasekar	Shyam	Presenter	Paper 42	Nothing to disclose	
Chang	Victor	Author	Paper 14, Paper 34	2.Globus Medical, Bioventus , VISEON ;	
Chavarria	Joseph	Author	RF12	Nothing to disclose	
Chen	Austin	Author		Nothing to disclose	
Cheng	Joseph	Author		7.American Association of Neurological Surgeons, Council of State Neurosurgical Societies, AO Spine, Ohio Neurosurgical Society, Academy of Medicine of Cincinnati;	
Chiapparelli	Erika	Author	Paper 13	Nothing to disclose	
Childers	Karen	Author	Paper 19	Nothing to disclose	
Childress	Kelly	Author		Nothing to disclose	
Chiu	Anthony	Author	RF17	Nothing to disclose	
Chou	Dean	Author, Treasurer, Moderator	Paper 47, RF05	2.Globus, Orthofix, Medtronic; 3.Globus; 5.Globus; 6.Globus;	
Christianson	Alexander	Author		Nothing to disclose	
Chung	Richard	Author	RF09	Nothing to disclose	
Clare	Kevin	Author		3.Illumina;	
Colman	Matthew	Author, Moderator	Paper 33	2.Spinal Elements, Alphatec, Stryker / K2M, DePuy, Orthofix; 4.CSRs, AO Spine; 6.Alphatec; 7.NASS Spine Oncology Committee, AO Spine Fellowship Committee, CSRS Program Committee, MSTs Program Committee;	N/A
Como	Christopher	Author	Paper 35	Nothing to disclose	
Coric	Domagoj	Author	Paper 44, Paper 47, RF05	1.Spine Wave, Premia Spine, Medtronic, Globus Medical; 2.Spine Wave, Globus Medical, Medtronic, Premia Spine; 3.Spine Wave, Globus Medical, Medtronic, Accelus, Stryker; 4.Premia Spine, SpineArt; 7.AANS BOD, Neuropoint Alliance BOD;	
Costantino	Jake	Author		Nothing to disclose	
Crandall	Kenneth	Author	RF17	1.Cerapedics ; 2.Stryker;	
Criddle	Sarah	Author	Paper 39	Nothing to disclose	
Croft	Andrew	Author	Paper 49, RF03	Nothing to disclose	
Currier	Bradford	Author	Paper 07, Paper 09, Paper 50	2.Surgalign; 3.DePuy Synthes, Zimmer Biomet, Tenex, Spinology; 5.AOSNA; 6.Wolters Kluer; 7.Wolters Kluer;	
Curry	E. Patrick	Planner, Program Committee		7. AO Spine, AO Spine Faculty, Montana Orthopedic Society Vice President	Peer review of content decision by persons without financial relationships.
Czulinski	Michael	Presenter	Paper 26	Nothing to disclose	
Dada	Abraham	Presenter	RF05	Nothing to disclose	

Daffner	Scott	Planner, Moderator, Co-Chair Education Committee		2.Bioventus; 3.Pfizer, Amgen; 4.Bioventus, Pfizer, Spinal Kinetics; 5.Medtronic; 7.Cervical Spine Research Society, North American Spine Society, American Orthopaedic Association, AO Spine;	Peer review of planning decision by persons without financial relationships.
Daher	Mohammad	Presenter	Paper 24, Paper 39	Nothing to disclose	
Dailey	Andrew	Planner, Moderator, Co-Chair Program Committee	Symposium 4	1. ZimVie; 2. AO North America; 3. CSRS	Peer review of planning decision by persons without financial relationships.
Dalton	Jonathan	Author	Paper 35	Nothing to disclose	
Daniels	Alan	Author	Paper 24, Paper 39	2.Stryker, Spineart, Medtronic, Orthofix, Alphatec;	
Darden II	Bruce	Past President, Moderator		1.SpineGuard; 2.BioNedFlex; 4.Nuvasive; 4.DePuy, A Johnson & Johnson Company; 5. 4Web; 6.Cutting Edge Spine; Synthes	N/A
Das	Ankita	Author	Paper 25	Nothing to disclose	
Davison	Mark	Author	Paper 28	Nothing to disclose	
Day	Wesley	Author		Nothing to disclose	
de Jong	Lex	Author	Paper 46	Nothing to disclose	
Dekeseredy	Patricia	Author	Paper 36	Nothing to disclose	
Delawi	Diyar	Author		Nothing to disclose	
Denwood	Hayley	Author	RF16	Nothing to disclose	
Deshpande	Nachiket	Author	Paper 14	Nothing to disclose	
Diebo	Bassel	Presenter	Paper 24, Paper 39	Nothing to disclose	
Divi	Srikanth	Co-Chair Website/Social Media Committee, Moderator, Author	Paper 42, RF10	1.Kuros Biosciences, Atec Spine	N/A
Dougherty	Conor	Author		Nothing to disclose	
Dowdell	James	Author	Paper 20, RF04	Nothing to disclose	
Durbas	Atahan	Author	RF04	Nothing to disclose	
Eastlack	Robert	Author	Paper 24	1.Radius; 2.Aesculap, Nuvasive, Seaspine, SI Bone, Medtronic, Neo Medical, Silony, Osteocentric, Johnson and Johnson, Spinal Elements; 3.Globus, Seaspine, Nuvasive, SI Bone, Aesculap, Alphatec; 4.Seaspine, Nuvasive, Medtronic, SI Bone; 7.San Diego Spine Foundation, Scoliosis Research Society, San Diego Orthopaedic Society;	
Eberhardt	Lauren	Presenter	Paper 19	Nothing to disclose	
El DaFrawy	Mostafa	Author		Nothing to disclose	
Elder	Benjamin	Author	Paper 07, Paper 09, Paper 48, Paper 50, RF15	2. Depuy Synthes, SI Bone; 3. Injectsense; 4. SI Bone, Stryker; 7. InjectSense, International Society for Hydrocephalus and CSF Disorders;	
Eley	Nicholas	Speaker, Presenter	Symposium 3, Paper 16	Nothing to disclose	N/A
Elgafy	Hossein	Author		Nothing to disclose	
Esmende	Sean	Author	Paper 37, Paper 40, RF14	1.Nuvasive ; 2.Nuvasive ; 4.Nuvasive; 5.Nuvasive;	
Essig	David	Author		1.Stryker, DePuy ; 7.Asian Journal of Spine;	
Ezeonu	Teeto	Author	Paper 12	Nothing to disclose	
Federico	Vincent	Author	Paper 18, Paper 33, Paper 38	Nothing to disclose	
Fessler	Richard	Author	Paper 24	2.DePuy-Synthes, Spinal Elements, Orthofix;	
Fichter	Jay	Author	RF06	Nothing to disclose	
Fiorentino	Andrew	Presenter	RF06	Nothing to disclose	

Fischer	Charla	Moderator		2. Nuvasive, Amplify	N/A
Fogel	Harold	Planner, Program Committee, Speaker, Presenter	Paper 05	Nothing to disclose	N/A
Fogelson	Jeremy	Author	Paper 07, Paper 09	1. Medtronic; 2. Medtronic;	
Foley	David	Author	Paper 22	Nothing to disclose	
Follett	Matthew	Author	RF10	Nothing to disclose	
Fras	Sebastian	Author	Paper 12, Paper 43	Nothing to disclose	
Freedman	Brett	Author	Paper 07, Paper 09, Paper 44, Paper 48, Paper 50, RF15	1. AO Spine North America; 3. Clear Choice Therapeutics ;	
Frid	Ilya	Author		Nothing to disclose	
Fritz	Julie	Author	Paper 03	Nothing to disclose	
Gajjar	Aryan	Author	Paper 04	Nothing to disclose	
Galetta	Matthew	Author	Paper 25	Nothing to disclose	
Garcia-Vargas	Julia	Author		Nothing to disclose	
Gardocki	Raymond	Author	Paper 49, RF03	2. Joimax , Accelus, Arthrex, Spineology; 3. Accelus; 6. Interventional Pain Medicine ;	
Garett	Jonathon	Author		Nothing to disclose	
Garner	Rebecca	Author		Nothing to disclose	
Gautam	Diwas	Presenter	Paper 21	Nothing to disclose	
Gerlach	Erik	Author	RF10	Nothing to disclose	
Gerling	Michael	Speaker	Symposium 3	1. Elliquence; 2. Integrity Accelus Spine; 3. Integrity Accelus Spine; 4. MiMetrix, AO Spine; 7. CSRS, NASS	N/A
Gettleman	Brandon	Author	Paper 10	Nothing to disclose	
Gholi Zadeh Kharrat	Fatemeh	Presenter	Paper 03	Nothing to disclose	
Giakas	Alec	Author		Nothing to disclose	
Gibley	Romie	2023 Research Grant Recipient Report Presenter	Awards and Grants	Nothing to disclose	N/A
Girardi	Federico	Author	Paper 13	2. DePuy Synthes Spine, Nuvasive, Inc., Ethicon, Inc., Spineart USA, Inc., OrthoDevelopment Corp; 3. BICMD, Healthpoint Capital Partners, LP; 4. Nuvasive, Inc.; 5. Nuvasive, Inc.; 6. Ortho Development Corp, Lanx, Inc.; 7. Spineart USA, Inc., Healthpoint Capital Partners, LP;	
Giyazitdinova	Elvina	Author	Paper 02	Nothing to disclose	
Glaser	John	Author		7. Omega Board of Directors, NASS coverage committee;	
Glassman	Steven	Author	Paper 47, RF05	2. Medtronic, K2M/ Stryker, Proprio; 3. Medtronic; 4. Alan L. & Jacqueline B. Stuart Spine Research, Biom'Up, Cerapedics, Empirical Spine, Medtronic, Scoliosis Research Society, Stryker, ISSG Foundation; 6. Spine Deformity, Spine Journal , International committee of Medical Journal Editors, Neurosurgery; 7. American Spine Registry;	
Glover	Abbey	Author	Paper 04	Nothing to disclose	
Goh	Brian	Author	Paper 50	Nothing to disclose	
Goldsmith	Tyler	Author	Paper 33	Nothing to disclose	
Goldstein	Ira	Co-Chair Planning Committee, Moderator, Author	RF02	2. Globus spine, Alphatec spine; 7. The Spine Journal, eMedicine, NASS, WebMed Central	N/A
Gong	Davin	Presenter	RF11	Nothing to disclose	

Good	Christopher	Author		1. Medtronic, Stryker Spine; 2. Medtronic, Stryker Spine, Augmedics; 3. Stryker Spine, Augmedics, NSite; 4. Medtronic ; 7. National Spine Health Foundation;	
Gottfried	Oren	Author	RF05	Nothing to disclose	
Gouzoulis	Michael	Author		7. Associate Editor for North American Spine Society Journal ;	
Grauer	Jonathan	Moderator, Reviewer-CMECommittee, Author		6. North American Spine Society Journal; 7. North American Spine Society;	N/A
Grisolano	Abigail	Author		Nothing to disclose	
Gum	Jeffrey	Author	Paper 24	1. Baxter, Broadwater, Pacira Pharmaceuticals, NASS; 2. Acuity, DePuy, Medtronic, NuVasive, Stryker, FYR Medical; 3. Cingulate Therapeutics, FYR Medical; 4. Pfizer, Texas Scottish Rite Hospital, Cerapedics, Inc, Scoliosis Research Society, Alan L & Jacqueline B Stuart Spine Research , Biom'Up, Empirical Spine, Inc., National Spine Health Foundation, Stryker; 5. Cingulate Therapeutics: Own Stocks, less than 1%, FYR Medical: Stock, less than 1%; 6. Acuity, NuVasive, Medtronic; 7. Medtronic, Stryker, National Spine Health Foundation;	
Gupta	Munish	Author	Paper 24	1. SMAIO; 2. DePuy Consultant, Medtronic consultant, Globus consultant; 3. J&J-stock, SMAIO-stock; 5. DePuy travel paid to meetings, Medtronic travel paid to meetings, Globus travel paid to meetings, SMAIO, Zimmer-travel for training, Broadwater-travel paid for meetings; 6. Innomed, DePuy, Globus; 7. Scoliosis Research Society-Board of Directors, Twentieth Century Orthopedics Association;	
Guven	Ali	Presenter	Paper 13	Nothing to disclose	
Habboub	Ghaith	Author	Paper 28	Nothing to disclose	
Haggerty	Treah	Author	Paper 36	Nothing to disclose	
Hah	Raymond	Author	Paper 10, RF07	2. NuVasive, Cerapedics, Seaspine, SI-Bone; 4. SI-Bone, ATEC; 7. North American Spine Society, Lumbar Spine Research Society, Global Spine Journal, Korean American Spine Society;	
Haid	Regis	Author	Paper 47	3. Medtronic, GLOBUS, NUVASIVE, Spinewave;	
Haines	Colin	Author	Paper 31	1.4 Medtronic, Globus; 2. Medtronic, Globus Medical, Spineart, Innovasis; 3. Augmedics, NSite; 4. Innovasis;	
Hamilton	D. Kojo	Moderator, Reviewer-CMECommittee, Author	Paper 24	Nothing to disclose	N/A
Hammoor	Bradley	Author	Paper 05	Nothing to disclose	
Hamouda	Abdelrahman	Author	Paper 07	Nothing to disclose	
Han	Jane	Author		Nothing to disclose	
Hang	Nicole	Author		Nothing to disclose	
Hanna	Philip	Author	Paper 27	Nothing to disclose	
Harmer	Joshua	Author	Paper 09	Nothing to disclose	
Hartman	Timothy	Author	Paper 18, Paper 38	Nothing to disclose	
Harvie	Camryn	Author	RF09	Nothing to disclose	
Haselhuhn	Jason	Author	Paper 26	Nothing to disclose	
Hassan	Waqas	Author	Paper 43	Nothing to disclose	
Heary	Robert	Panelist	Symposium 2	3. Depuy Synthes Spine; 6. Thieme Medical Publishers, Elsevier Medical Publishers	N/A
Helgeson	Melvin	Moderator		7. FDA Orthopedics and Rehabilitation Devices Panel	N/A
Hemmerla	August	Author		Nothing to disclose	
Hendrickson	Nathan	Author	Paper 26	4. SI Bone;	

Hermans	Ian	Author	Paper 33	Nothing to disclose	
Hershman	Stuart	Author	Paper 05	1.Nuvasive, Biocomposites; 3.On Point Surgical;	
Heuer	Annika	Author	Paper 20, RF04, RF08	Nothing to disclose	
Hilibrand	Alan	Author	Paper 04, Paper 12, Paper 43	3.Zimmer Biomet , Amedica , Paradigm Spine; 7.AAOS;	
Hirase	Takashi	Author	Paper 32	Nothing to disclose	
Hodge	Johnie	Presenter	Paper 36	3.I own Pfizer stock, I own Moderna stock;	
Hoebink	Eric	Author		Nothing to disclose	
Hoffman	Cassandra	Author	RF06	Nothing to disclose	
Hoffmann	Jacob	Author	RF06	Nothing to disclose	
Hostin	Richard	Author	Paper 24	Nothing to disclose	
Hsu	Wellington	President, Speaker, Moderator, Author	Symposium 1, Symposium 2, Presidential Address, Paper 42, RF10	2.Stryker, Promimic, Asahi; 3.Stryker, amphix bio; 7.Cervical Spine Research Society	Peer review of planning decision by persons without financial relationships.
Hu	Jianhui	Author	Paper 14, Paper 34	Nothing to disclose	
Huesmann	Graham	Author	Paper 45	Nothing to disclose	
Hughes	Alexander	Author	Paper 13	4.Kuros Biosciences, Expanding Innovations, Inc.; 5.NuVasive, Inc.;	
Hussain	Nasir	Author	Paper 41	Nothing to disclose	
Indresano	Andrew	Planner, Program Committee		2. Evolution Spine Consultant for spine implant development	Peer review of content decision by persons without financial relationships.
Issa	Tariq	Author		7.Illinois State Medical Society;	
Iyer	Avinash	Author		Nothing to disclose	
Iyer	Sravisht	Author	Paper 20, RF04, RF08	1.Globus Medical, Inc. - Speakers Bureau, Stryker - Speakers Bureau; 3.HS2, LLC; 4.Innovasis - Research Support; 7.Healthgrades - Advisory Board Member;	
Jauregui	Julio	Author	RF17	7.Children (Journal);	
Jazini	Ehsan	Author	Paper 31	2.Stryker, Medtronic, Innovasis;	Attest that clinical recommendations are evidence-based and free of commercial bias (e.g., peer-reviewed literature, adhering to evidence-based practice guidelines)
Jenkins	Arthur	Presenter	RF09	1.ProNeuron; 2.Caelum LLC; 3.Synchron, Inc., Neurotect LLC;	
Johnson	Christopher	Author		Nothing to disclose	
Jones	Kristen	Author	Paper 26	2.Medtronic, SI Bone; 4.SI Bone, Medtronic, Mizuho; 5.Medtronic, SIBone;	
Jonnalagadda	Anshu	Author		Nothing to disclose	
Jordan	Yusef	Author	Paper 32	Nothing to disclose	
Kadri	Aamir	Presenter	Paper 08	3.Abbott Laboratories;	
Kagithala	Dheeraj	Presenter	Paper 14, Paper 34	Nothing to disclose	
Kapoor	Neal	Author		Nothing to disclose	
Kapp	Sabryn	Author	Paper 08	Nothing to disclose	
Karamian	Brian	Author	Paper 07, Paper 09	5.Johnson and Johnson; 6.Clinical Spine Surgery;	

Kark	Jonathan	Author	Paper 06	Nothing to disclose	
Karnati	Janesh	Author		Nothing to disclose	
Karri	Jay	Author		Nothing to disclose	
Kashlan	Osama	Author	RF11	Nothing to disclose	
Katsnelson	Beatrice	Author		Nothing to disclose	
Katz	Austen	Author		Nothing to disclose	
Kaul	Aayush	Author		Nothing to disclose	
Kazarian	Gregory	Presenter	Paper 32	Nothing to disclose	
Keabaish	Khaled	Author	Paper 24	Nothing to disclose	
Kellish	Alec	Author	Paper 12	Nothing to disclose	
Kempen	Diederik	Author	Paper 46	Nothing to disclose	
Kepler	Christopher	Author	Paper 04, Paper 12, Paper 43	3. Curetiva, Regeneration Technologies, Inc.; 5. Curetiva; 6. Clinical Spine Surgery;	
Kesman	Thomas	Reviewer-CME Committee		Nothing to disclose	
Khalil	Jad	Development Committee, Moderator		2. Centinel Spine, Boston Scientific, Nevro, Nuvasive, Medtronic, Relivant, Stryker, SI Bone, Zimvie; 3. Medtronic, Johnson & Johnson, Nuvasive; 4. Stryker Spine, Depuy Synthes, Centinel Spine, Medtronic, Relivant, Limiflex, Fziomed, K2M, SI bone, Nuvasive, Synergy Spine, Simplify; 6. IMSE; 7. AAOs	N/A
Khan	Safdar	Planner, Program Committee		Nothing to disclose	N/A
Khan	Rehan	Presenter	RF16	Nothing to disclose	
Khanna	Akshay	Author	Paper 12	Nothing to disclose	
Khazanchi	Rushmin	Author		Nothing to disclose	
Kim	Ashley Yeo Eun	Author	RF08	Nothing to disclose	
Kim	Enoch	Author	Paper 14, Paper 34	Nothing to disclose	
Kim	Eric	Author	RF08	Nothing to disclose	
Kim	Han Jo	Author	Paper 24, Paper 32	1. Zimmer; 2. Nuvasive; 4. ISSGF; 6. Zimmerbiomet, K2M/Stryker, Acuity Surgical; 7. SRS, AO SPINE, Vivex Biology, Aspen Medical;	
Kim	James	Author	Paper 04	Nothing to disclose	
Kim	Michael	Author		3. restor3d;	
Kim	Saechin	Presenter	Paper 23, Paper 27	Nothing to disclose	
Kimes	Austin	Author		Nothing to disclose	
Kinon	Merritt	Author		2. Globus Medical, Sanara Medical;	
Kirkpatrick	Quinn	Author		Nothing to disclose	
Klineberg	Eric	Author	Paper 24	1. AO Spine - Honoraria; 2. Depuy Synthes, Stryker, Medtronic, SI Bone, Agnovos, Seaspine; 3. Stryker Spine, MMI, Relateable; 4. AO Spine Fellowship Grant to Institution; 5. AONA Spine Fellowship Grant to previous institution, Medtronic Fellowship Grant to previous institution; 7. IMAST Chair, AO Spine Chair, SRS Board of Directors;	
Knightly	John	Author	Paper 47	7. Chair, Neuropoint Alliance, Director, American Board of Neurological Surgery;	
Koh	Eugene	Author	RF17	1. Depuy; 2. Biomet; 3. Alphatec;	
Kohring	Adam	Author		Nothing to disclose	
Korsun	Max	Author	Paper 20, RF04, RF08	Nothing to disclose	

Kostyun	Regina	Author	RF14	Nothing to disclose	
Kress	Dustin	Author	Paper 26	Nothing to disclose	
Krishnaney	Ajit	Author	Paper 28	1.Johnson and Johnson; 2.Stryker, Carbofix; 7.NASS, AANS;	
Kruyt Kruijt	Moyo	Author		Nothing to disclose	
Kulkarni	Ronit	Author		Nothing to disclose	
Kumar	Rakesh	Author	Paper 16	Nothing to disclose	
Kwas	Cole	Author	Paper 20, RF04, RF08	Nothing to disclose	
Kyada	Rutvin	Author	RF16	Nothing to disclose	
Labarbiera	Anthony	Author	Paper 12	Nothing to disclose	
Lafage	Renaud	Author	Paper 24	2.Carlsmed; 3.Nemaris;	
Lafage	Virginie	Author	Paper 24	1.J&J, Implanet, Stryker; 2.Alphatec Spine; 3.Nuvasive; 7.International Spine Study Group, Scoliosis Research Society;	
Lawrence	Brandon	Author		2.Medtronic, Depuy Johnson & Johnson, Zimvie, Angitia Biopharmaceuticals; 7.Medtronic, Cervical Spine Research Society;	
Lawrence	James	Author		5.Revivo Inc, DSMB Safety Board; 7.Musculoskeletal Transplant Foundation, North American Spine Society;	
Lebovic	Jordan	Author	Paper 25	Nothing to disclose	
Lecka-Czernik	Beata	Author		Nothing to disclose	
Lee	Michael	Treasurer-Elect, Co-Chair Membership Committee, Speaker, Moderator	Symposium 4	2. Globus Medical	N/A
Lee	Yunsoo	2023 Research Grant Recipient Report Presenter	Awards and Grants	Nothing to disclose	N/A
Lee	Joon	Author	Paper 35	Nothing to disclose	
Lee	Joseph	Author		Nothing to disclose	
Lee	Michael	Author		2.Globus;	
Lee	Yunsoo	Author	Paper 04, Paper 12, Paper 43	Nothing to disclose	
Lenke	Lawrence	Author	Paper 24	2.Medtronic (monies donated to a charitable foundation); 3.MEDTRONIC, Quality Medical Publishing; 4.Scoliosis Research Society(Money to Institution);	
Lerebo	Wondwossen	Author		Nothing to disclose	
Leveque	Jean-Christophe	Planner, Program Committee, Moderator, Author	Symposium 3, Paper	1.Nuvasive, SI-Bone; 2.SI-Bone, Axis spine; 7.Scoliosis Research Society;	Peer review of content decision by persons without financial relationships.
Levy	Hannah	Presenter	Paper 07, Paper 09	Nothing to disclose	
Lilly	Daniel	Author	Paper 28	Nothing to disclose	
Lim	Ji-Hey	Author		Nothing to disclose	
Lin	Clifford	Author	Paper 06	2.Depuy Synthes; 4.Medtronic; 7.NASS;	
Line	Breton	Author	Paper 24	Nothing to disclose	
Locascio	Logan	Author	Paper 49	Nothing to disclose	
Lopez	Gregory	Author	Paper 18	1.Nuvasive;	
Lorentz	Nathan	Author	Paper 25	Nothing to disclose	

Lotz	Jeffrey	Author	Paper 03	1.Relievant MedSystems, Aclarion; 3.Relievant MedSystems, Aclarion, Bioniks, Petal Surgical; 6.Aclarion, Bioniks;	
Louie	Philip	Author	Paper 16	2.Alphatec, Depuy Synthes, Viseon;	
Lovecchio	Francis	Author	Paper 20	Nothing to disclose	
Loya	Alexandra	Author	Paper 18, Paper 38	Nothing to disclose	
Lu	Amy	Author	RF04, RF08	Nothing to disclose	
Ludwig	Steven	Author	RF17	2.DePuy Synthes, K2M/Stryker ; 3.Innovative Surgical Design, Advance Spinal Intellectual Property, DePuy Synthes, K2M/Stryker, Maryland Development Corporation; 4.AO Spine, AOA Omega Grant, Nuvasive Spine, Baxter; 6.The Spine Journal, Contemporary Spine Surgery, Thieme, Quality Medical Publishers ; 7.Cervical Spine Research Society, AMerican Board of Orthopaedic Surgery, American Orthopaedic Association, Society for Minimally Invasive Spine Surgery, Nuvasive, Maryland Development Corporation ;	
Lugo-Pico	Julian	Author	Paper 49, RF03	Nothing to disclose	
Lutz	Alexandra	Author		Nothing to disclose	
MacGregor	Keith	Author	Paper 18, Paper 38	Nothing to disclose	
Magera	Adam	Author	Paper 07	Nothing to disclose	
Mai	Eric	Presenter	Paper 20, RF04, RF08	Nothing to disclose	
Makanji	Heeren	Author	Paper 37, Paper 40, RF14	Nothing to disclose	
Mallozzi	Scott	Author		2.ATEC Spine; 4.ATEC Spine neuromonitoring study ;	
Mancini	Michael	Author		Nothing to disclose	
Maniar	Hemil	Planner, Program Committee, Ethics Committee		Nothing to disclose	N/A
Mansour	Tarek	Author	Paper 14, Paper 34	Nothing to disclose	
Martin	Brook	Author	Paper 03	6.The Spine Journal (North American Spine Society), STATIX, LLC (Independent Research Consulting);	
Martin	Christopher	Author	Paper 26	2.Medtronic; 5.Medtronic, Alpha Tech; 7.AO Spine;	
Mazur	Marcus	Speaker, Moderator, Author	Symposium 4, Paper	2.Cerapedics, Medtronic ; 4.AO Spine, Research Grant, Cervical Spine Research Society, Research Grant; 7.Cervical Spine Resarch Society, Education Committee, Scoliosis Research Society, Education Committee, Congress of Neurological Surgeons, Joint Guidelines Review Committee;	N/A
McCarthy	Michael	Planner, Program Committee, Speaker, Author	Symposium 3, Paper	1. Medtronic; 2. Aspen Medical, Medtronic; 6. Springer Nature	Peer review of content decision by persons without financial relationships.
McCurdy	Michael	Author	Paper 04, Paper 12	Nothing to disclose	
McDermott	Michael	Author	Paper 29, Paper 30	Nothing to disclose	
McMaster	Brandon	Author	Paper 50	Nothing to disclose	
Meade	Seth	Presenter	Paper 17, Paper 28, RF01	2.Bristol Meyers Squibb -sister works there; 3.Me- I own stock in Johnson and Johnson;	
Medakkar	Srinath	Presenter	Paper 18, Paper 38	Nothing to disclose	
Mehta	Ankit	Moderator		2. Depuy Synthes- consultant, Amplify-consultant, Globus-research, Axis-consultant, MIRus-consultant; 4. Globus- research grant	N/A
Menezes	Christiano	Author	Paper 29	1.Nuvasive, Siemens; 5.Nuvasive; 7.AOSPINE;	
Merckling	Matthew	Author		Nothing to disclose	
Mertz	Kevin	Author		Nothing to disclose	

Mesfin	Addisu	Co-Chair Membership Committee, Moderator		1. J & J; 3. AxioMed; 4. AO Spine, Globus Medical; 7. AAOS, American Orthopaedic Association, American Spinal Injury Association, Cervical Spine Research Society, J. Robert Gladden Society, North American Spine Society, Scoliosis Research Society	N/A
Messer	Caden	Author	Paper 07	Nothing to disclose	
Michalopoulos	Giorgos	Author	Paper 47	Nothing to disclose	
Mikula	Anthony	Author		Nothing to disclose	
Mills	Emily	Author	Paper 10	Nothing to disclose	
Minetos	Paul	Presenter	Paper 22	Nothing to disclose	
Mir	Jamshaid	Author	Paper 25	Nothing to disclose	
Mizels	Joshua	Author		Nothing to disclose	
Mohamed	Mirghani	Author		Nothing to disclose	
Mok	Jung	Author	Paper 32	Nothing to disclose	
Moore	Don	Author		Nothing to disclose	
Moss	Isaac	Author		1. Stryker, ATEC, Biedermann Motech; 2. Stryker, ATEC, Biedermann Motech, Spinewave; 3. Orthozon, Spinal Simplicity, ATEC; 4. Cerapedics; 6. Techniques in Orthopaedics, International Journal of Spine Surgery; 7. SMISS - Board Member;	
Mullin	Jeffrey	Author	Paper 24	Nothing to disclose	
Mummaneni	Praveen	Author	Paper 47, RF05	1. BK Medical, Brainlab, SI Bone; 2. Depuy Synthes, Stryker, Nuvasive, Globus; 3. Spinecity/ISD, Depuy Synthes, Discgenics; 6. Springer publishing, Thieme publishers, Neurosurgery; 7. ISASS, AANS, SMISS, CSRS, SRS;	
Mundis, Jr.	Gregory	Author	Paper 24	2. Nuvasive, SI Bone, Seaspine, Carlsmid, Viseon; 3. Nuvasive, Seaspine, Alphatec; 6. Nuvasive, Stryker;	
Muralidharan	Aditya	Author	RF11	Nothing to disclose	
Narayanan	Rajkishen	Presenter	Paper 04, Paper 12, Paper 43	Nothing to disclose	
Nassr	Ahmad	Author	Paper 07, Paper 09, Paper 44, Paper 48, Paper 50, RF15	4. AO Spine NA, 3 Spine, Premia Spine; 7. scoliosis research society, ISSLS, AO Spine NA, cervical spine research society;	
Ng	Mitchell	Author	Paper 11	Nothing to disclose	
Ngan	Alex	Author		Nothing to disclose	
Nie	James	Author	Paper 18, Paper 38	Nothing to disclose	
Nolan	Bridget	Author		Nothing to disclose	
Nunley	Pierce	Author	Paper 24	1. Spineology, Stryker, Zimmer, Camber, Accelus, Intrinsic Therapeutics, Providence Medical, NG Medical, Spinal Elements; 3. Spineology, Camber, Accelus, Regeltec, 3Spine; 4. Spineology, Camber, Centinel, Providence Medical, NuVasive, Spinal Elements, Kuros; 6. Spineology, Stryker, Zimmer, Camber, Accelus;	
Odland	Kari	Author		Nothing to disclose	
O'Donnell	John	Author	RF09	Nothing to disclose	
O'Malley	Geoffrey	Presenter	RF02	Nothing to disclose	
Onafowokan	Oluwatobi	Author	Paper 25	Nothing to disclose	
Opara	Olivia	Author		Nothing to disclose	
Orndorff	Douglas	Moderator		2. Stryker Spine, Nuvasive, SeaSpine; 6. Stryker, Nuvasive, SeaSpine	N/A
Orosz	Lindsay	Presenter	Paper 31	4. Medtronic;	
Owusu-Sarpong	Stephane	Author	Paper 25	Nothing to disclose	
Oyekan	Anthony	Author	Paper 35	Nothing to disclose	
Oyetayo	Omolabake	Author	Paper 18, Paper 38	Nothing to disclose	
Palmer	Ryan	Author	Paper 10	Nothing to disclose	

Park	Daniel	Author	Paper 19	2.Stryker, Arthrex, Medynus, Amplify, Kuros, Orthofix; 3.Johnson and Johnson, Stryker ; 4.Stryker, Orthofix ; 7.Aaos ;	
Park	Paul	Author	Paper 47, RF05	3.Globus; 4.ISSG, Depuy, Cerapedics, SI Bone; 5.Globus, NuVasive, Depuy Synthes, Accelus, Medtronic; 6.Neurosurgery, Operative Neurosurgery; 7.DSPN Spine Section, SMISS;	
Parmar	Ronak	Author		3.Moderna;	
Passias	Peter	Co-Chair Research Committee, Awards & Grants Presenter,	Awards and Grants, Paper 24, Paper 25, Paper 31	1. Cerapedics; 2. SpineWave; 3. Royal Biologics; 4. Globus Medical, Medtronic, Cerapedics, CSRS: previous grant > 5 years ago; 6. Spine Journal, JNS; 7. Medtronic	N/A
Patel	Alpesh	Author	Paper 42, RF10	2. CTL Amedica, Alphatec, Nuvasive, Kuros Biosciences, nView, AIM, Depuy Synthes; 3. Alphatec, Tissue Differentiation Intelligence, Endoluxe, nView, Aclarion; 6. Journal of American Academy of Orthopaedic Surgeons; 7. Cervical Spine Research Society;	
Patel	Arati	Author		Nothing to disclose	
Patel	Arpan	Presenter	Paper 28	Nothing to disclose	
Patel	Ashish	Planner, Program Committee, Moderator, Presenter	Paper 29, Paper 30	1. Stryker, Nuvasive; 2. ATEC, Stryker, Nuvasive; 3. ATEC, Nuvasive; 4. Nuvasive;	Peer review of content decision by persons without financial relationships.
Patel	Rakesh	Planner, Moderator, Co-Chair Education Committee, Moderator, Author	RF11	2. Globus, Bioventus; 3. Globus	Peer review of planning decision by persons without financial relationships.
Pease	Tyler	Author	RF17	Nothing to disclose	
Pena	Jose	Author		Nothing to disclose	
Peterson	Thomas	Author	Paper 03	Nothing to disclose	
Petrone	Brandon	Author	Paper 22	Nothing to disclose	
Philipp	Travis	Presenter	Paper 06	Nothing to disclose	
Piche	Joshua	Author	RF11	Nothing to disclose	
Pinter	Zachariah	Presenter	Paper 07, Paper 09, Paper 44, Paper 48, Paper 50, RF15	Nothing to disclose	
Pohl	Nicholas	Author		Nothing to disclose	
Polly, Jr.	David	Author	Paper 26	1. SI Bone, Globus, Alexion; 2. SI Bone, Globus, Alexion; 3. SI Bone; 4. AO, Medtronic, MizuhoOSI; 5. Globus; 6. Springer; 7. American Spine Registry, Scoliosis Research Society, Minnesota Orthopedic Society;	
Potts	Eric	Author	Paper 44, Paper 47, RF05	1. Medtronic; 2. Medtronic, Aclarion ; 3. Medtronic; 7. AANS/CNS Joint Section on the Disorders of the Spine and Peripheral Nerves, Remedy Pharmaceuticals;	
Prabhakaran	Kartik	Author		Nothing to disclose	
Prior	Robert	Author	Paper 29, Paper 30	Nothing to disclose	
Protopsaltis	Themistocles	Author	Paper 24	2. Globus, K2M Stryker, Mediecrea, Nuvasive, Medtronic; 3. Altus, SpineAlign, Torus Medical; 4. Medtronic, SI Bone, Centinel;	
Pugely	Andrew	Planner, Program Committee, Speaker, Moderator	Symposium 4	1. Medtronic, United HealthGroup; 2. Medtronic, Globus, Mirus; 4. Globus; 6. Globus	Peer review of content decision by persons without financial relationships.
Quevedo	Santiago	Author	RF12	Nothing to disclose	
Qureshi	Sheeraz	Author	Paper 20, RF04, RF08	1. AMOpportunities, Globus Medical, Inc.; 2. Stryker K2M, Globus Medical, Inc., Viseon, Inc., Lifelink.com; 3. Tissue Differentiation Intelligence, HSS ASC Development Network, HS2, LLC; 4. Viseon, Inc.; 7. Minimally Invasive Spine Study Group, Society of Minimally Invasive Spine Surgery (SMISS);	
Rademacher	Anneliese	Author	Paper 14, Paper 34	Nothing to disclose	

Rancu	Albert	Author		Nothing to disclose	
Ranganathan	Sruthi	Author		Nothing to disclose	
Ratanpal	Amit	Author	RF17	Nothing to disclose	
Ravinsky	Robert	Author		Nothing to disclose	
Ray	Wilson Zachary	2024 Research Grant Recipient	Awards and Grants	2. Depuy, Globus, Corelink, Acera; 7. Globus Medical Board	N/A
Reed	Donald	Author	RF12	Nothing to disclose	
Reed	Ryder	Presenter	Paper 09, RF15	Nothing to disclose	
Reijmer	Joey	Author	Paper 46	Nothing to disclose	
Reitman	Charles	Author		7. Committee member NASS;	
Rekulapelli	Akhil	Author	Paper 49	Nothing to disclose	
Riccobono	Giancarlo	Author	Paper 42	Nothing to disclose	
Rivas	Gabriella	Author		5. SI-Bone;	
Rizkalla	James	Presenter	RF12	Nothing to disclose	
Roca	Andrea	Presenter	Paper 18, Paper 38	Nothing to disclose	
Rodriguez	Gerardo	Presenter	Paper 41	Nothing to disclose	
Rogers	Michael	Author	Paper 30	Nothing to disclose	
Rogerson	Ashley	Moderator		7. Pride Ortho Board of Directors, Unpaid	N/A
Roy	Rita	Author	Paper 31	Nothing to disclose	
Rudisill	Toni	Author	Paper 36	Nothing to disclose	
Ruditsky	Alexander	Author		Nothing to disclose	
Ryu	Won Hyung A.	Author	Paper 06	2. Syngery; 4. Sira medical;	
Saade	Aziz	Author	RF16	Nothing to disclose	
Sabitova	Fatima	Author	Paper 02	Nothing to disclose	
Sabitsky	Matthew	Author	Paper 43	Nothing to disclose	
Safae	Michael	Author	Paper 10	Nothing to disclose	
Safronova	Anastasiia	Author	Paper 02	Nothing to disclose	
Sahlani	Mario	Author	RF17	Nothing to disclose	
Salazar	Luis	Author	Paper 33	Nothing to disclose	
Sama	Andrew	Author	Paper 13	2. Clariance, Inc, Kuros Biosciences AG, Depuy Synthes Products, Inc., Medical Device Business Services, Inc., Ortho Development Corp; 3. Vestia Ventures MiRus Investment LLC, ISPH II, LLC, ISPH 3, LLC, VBros Venture Partners X, Ortho Development Corp; 4. Spinal Kinetics, Inc./Orthofix; 6. Ortho Development Corp. ; 7. Depuy Synthes Products, Inc., Kuros Biosciences AG, Clariance, Inc., Medical Device Business Services, Inc.;	
Samartzis	Dino	Author	Paper 02	6. Elsevier; 7. AOSpine;	
Sanchez	Joshua	Author		Nothing to disclose	
Sanghvi	Parshva	Author	Paper 17	Nothing to disclose	
Sansur	Charles	Author	RF17	2. Nuvasive; 3. Nuvasive, Stryker; 6. Journal of Neurosurgery; 7. Maryland Development Corp, Executive Committee of the American Association of Neurosurgery Spine Section, Journal of Neurosurgery: Spine;	
Sarwar	Syed	Author	RF02	3. XWELL;	
Sasso	Rick	Author	Paper 22	2. NuVasive ; 3. Medtronic; 4. Smith and nephew, Medtronic, Simplify, Orthofix; 6. Clinical spine surgery; 7. Cervical spine research society;	

Sathialingam	Mayilone	Presenter	RF07	2.Masimo;	
Savage	Jason	President-Elect, Secretary, Speaker, Moderator	Symposium 4, Transfer of Presidents	1.Stryker Spine; 2.Stryker Spine	N/A
Say	Irene	Author	RF05	Nothing to disclose	
Sayari	Arash	Author	Paper 18, Paper 38	Nothing to disclose	
Scheer	Justin	Author	Paper 24	Nothing to disclose	
Schiefelbein	Katie	LSRS Executive Director		Nothing to disclose	N/A
Schillinger	Amanda	Author	Paper 23	Nothing to disclose	
Schönnagel	Lukas	Author	Paper 13	Nothing to disclose	
Schroeder	Gregory	Presenter	Paper 04, Paper 12, Paper 43	2.Stryker, Zimmer, bioventus, isd, Medtronic, AOSpine, workers klewer, RTI, NuVasive, Bioventus ; 7.Csrs, AOSpine, Wolters klewer, ;	
Schuler	Kirsten	Author		Nothing to disclose	
Schuler	Thomas	Author		7.National Spine Health Foundation ;	
Schultz	Lonni	Author	Paper 14, Paper 34	Nothing to disclose	
Schwab	Frank	Author	Paper 24	2.Globus Medical , Zimmer Biomet; 3.Medicrea, Medtronic, Zimmer Biomet, VFT Solutions, See Spine; 7.International Spine Study Group;	
Schwalb	Jason	Author	Paper 14, Paper 34	4.Medtronic, SetPoint, Neuros, Nevro, MeiraGTX; 7.American Society of Stereotactic and Functional Neurosurgery, Congress of Neurological Surgeons, Washington Committee of the American Association of Neurological Surgeons and Congress of Neurological Surgeons, Michigan Parkinson Foundation, Michigan Association of NeuroSurgeons, Beth Israel Congregation of Ann Arbor, Michigan Spine Surgery Improvement Collaborative, Michigan Surgical Quality Collaborative, American Society of Colon and Rectal Surgeons;	
Sebastian	Arjun	Planner, Program Committee, Author	Paper 07, Paper 09, Paper 44, Paper 48, Paper 50, RF15	2.Johnson and Johnson, Cerapaedics, Osteocentric; 4.Johnson and Johnson;	Peer review of content decision by persons without financial relationships.
Sedio	Anthony	Author		Nothing to disclose	
Sedney	Cara	Co-Chair Website/Social Media Committee, Moderator, Author	Paper 36	4.National Institutes of Health - National Institute on Drug Abuse; 7.Council of State Neurosurgical Societies, Lumbar Spine Research Society;	N/A
Sembrano	Jonathan	Author	Paper 26	4.Orthofix, AO Spine, NuVasive, Synerfuse; 7.Scoliosis Research Society, Mid-America Orthopedic Association, Society for Minimally-Invasive Spine Surgery, Philippine-Minnesotan Medical Association;	
Setliff	Joshua	Presenter	Paper 35	Nothing to disclose	
Shaffer	Annabelle	Presenter	Paper 45	Nothing to disclose	
Shaffrey	Christopher	Author	Paper 24, Paper 47, RF05	2.Medtronic, NuVasive, SI Bone, Proprio; 3.NuVasive, Proprio; 6.Spine; 7.SRS, AANS, CSRS;	
Shaffrey	Mark	Author	Paper 47, RF05	Nothing to disclose	
Shah	Ishan	Author	RF07	Nothing to disclose	
Shahzad	Hania	Author	Paper 41	Nothing to disclose	
Shankar	Sachin	Author		Nothing to disclose	
Shaw	Jeremy	Planner, Program Committee, Speaker, Moderator, Author	Symposium 3, Paper	2.Purgo Scientific LLC, Haima Therapeutics LLC; 3.Purgo Scientific LLC; 4.AO Spine, LSRS, CSRS; 7.CSRS, AO Spine;	Peer review of content decision by persons without financial relationships.
Shear	Brian	Author	RF17	7.Maryland Orthopaedic Association;	
Sheha	Evan	Author	Paper 20, RF04	2.TheraCell, Inc;	
Shelby	Hannah	Author		Nothing to disclose	
Shelby	Tara	Author		Nothing to disclose	
Sherman	Matthew	Author		Nothing to disclose	

Shost	Michael	Author	Paper 17, Paper 28, RF01	Nothing to disclose	
Shue	Jennifer	Author	Paper 13	Nothing to disclose	
Sidloski	Katelyn	Author	RF06	Nothing to disclose	
Silber	Jeff	Author		2.Stryker;	
Simon	Chad	Author	Paper 20, RF04, RF08	Nothing to disclose	
Singh	Hardeep	Author		2.AlphaTec, Stryker; 3.AlphaTec; 4.Stryker, Centinel Spine; 5.AlphaTec, Stryker, Centinel Spine;	
Singh	Kern	Author	Paper 18, Paper 38	2.Zimmer Biomet, K2M; 3.Zimmer Biomet, Stryker, RTI Surgical, Avaz Surgical LLC, Vital 5 LLC; 6.Lippincott Williams and Wilkins, Thieme, Jaypee Publishing, Slack Publishing, Contemporary Spine Surgery, Orthopedics Today, Vertebral Columns; 7.Vital5 LLC, TD LLC, CSRS, ISASS, AAOs;	
Singh	Nishtha	Author	Paper 20, RF04, RF08	Nothing to disclose	
Singh	Varun	Author	Paper 41	Nothing to disclose	
Sivaganesan	Ahilan	2024 Young Investigator Research Grant Recipient	Awards and Grants	Nothing to disclose	N/A
Sleem	Bshara	Author		Nothing to disclose	
Smith	Justin	Author	Paper 24	2.Cerapedics, Carlsmed, ZimVie, Nuvasive, SeaSpine, Medtronic, DePuy Synthes; 3.Zimmer Biomet, Carlsmed, NuVasive, Alphatec, Thieme; 4.DePuy Synthes/ISSGF, AO, SeaSpine; 7.Spine Deformity Deputy Editor, ISSGF Executive Committee, Neurosurgery and Operative Neurosurgery Editorial Board, JNS Spine Editorial Board, AO Knowledge Forum Deformity Steering Committee Co-Chair;	
Smith	Ryan	Presenter	RF17	Nothing to disclose	
Solomito	Matthew	Author	Paper 37, Paper 40, RF14	Nothing to disclose	
Somers	Sydney	Author	Paper 12	Nothing to disclose	
Song	Junho	Author		Nothing to disclose	
Spector	Leo	Co-Chair Development		2. NuVasive/Globus, Cerapedics; 7. HealthHere, MiCare, Aphora Health	N/A
Spence	Bradley	Author	Paper 26	Nothing to disclose	
Spiker	W. Ryan	Author		1.Stryker; 5.AO / Depuy Synthes-; 7.Cervical Spine Research Society, AO Spine North America, NASS;	
Spina	Nicholas	Planner, Program Committee, Moderator, Speaker, Author		1.Axis Spine; 2.Axis Spine;	Peer review of content decision by persons without financial relationships.
Spirollari	Eris	Author		Nothing to disclose	
Spitnale	Michael	Author	Paper 35	Nothing to disclose	
Spracklen	Henley	Author		Nothing to disclose	
Staub	Jacob	Presenter	Paper 42, RF10	Nothing to disclose	
Steinmetz	Michael	Secretary-Elect, Co-Chair Research Committee, Awards & Grants Presenter, Author	Awards and Grants, P	2.Globus; 3. Elsevier, Globus; 4. Premia TOPS trial, Cerepedics; 6. TSI-Deputy Editor; 7. Secretary elect-LSRS, DSPN-Past Chair, CSNS-Past Chair. Scientific program chair-AANS and CSRS and NASS.	N/A
Stephens	Byron	Author	Paper 49, RF03	2.Depuy Synthes (Paid), Nuvasive (unpaid), Carbofix (unpaid); 4.Stryker, Nuvasive ;	
Stewart	Brendan	Presenter	RF14	Nothing to disclose	
Stomblor	Adam	Author		Nothing to disclose	
Stricsek	Geoffrey	Author	RF10	Nothing to disclose	
Sturgill	Drew	Author	RF02	Nothing to disclose	
Subramanian	Tejas	Author	RF04	Nothing to disclose	

Sullivan	Mikaela	Author	Paper 50	Nothing to disclose	
Suryavanshi	Joash	Author	Paper 22	Nothing to disclose	
Talaski	Grayson	Author		Nothing to disclose	
Tan	Ek Tsoon	Author	Paper 13	4. Medtronic Inc, GE Healthcare, Siemens Healthcare, AMAG Pharmaceuticals;	
Tang	Yunting	Author	Paper 35	Nothing to disclose	
Tani	Soji	Author	Paper 13	Nothing to disclose	
Tannoury	Chadi	Author	RF16	2. Depuy Synthes ; 3.4 web medical ; 7. AAOS ;	
Tannoury	Tony	Author	RF16	Nothing to disclose	
Tao	Xu	Presenter	Paper 15	Nothing to disclose	
Tarawneh	Omar	Author		Nothing to disclose	
Telemi	Edvin	Author	Paper 14, Paper 34	Nothing to disclose	
Tewell	Nick	Author	Paper 43	Nothing to disclose	
Thomas	Alex	Author	Paper 29	1. Nuvasive , TrackX; 3. Nuvasive , TrackX ; 4. Nuvasive;	
Thomas	Nathan	Author		Nothing to disclose	
Thomson	Alexandra	Author	RF17	4. Medtronic;	
Tkachev	Alexander	Author	Paper 02	Nothing to disclose	
Tobert	Daniel	Author	Paper 05	Nothing to disclose	
Toci	Gregory	Author	Paper 43	Nothing to disclose	
Tomlak	Alexa	Author		Nothing to disclose	
Ton	Andy	Presenter	Paper 10, RF07	Nothing to disclose	
Toth	Allison	Author	Paper 43	Nothing to disclose	
Tretiakov	Peter	Author	Paper 25	Nothing to disclose	
Tribus	Clifford	Moderator		3. Amedica, Spineology, Stryker, Zimmer; 6. Spine, CSC; 7. SRS;	N/A
Troyer	Stephanie	LSRS Membership Coordinator		Nothing to disclose	N/A
Tuma	Olivia	Author	Paper 20, RF04, RF08	Nothing to disclose	
Tyson	Chester	Author	Paper 29	Nothing to disclose	
Uhler	Mathias	Author	RF06	Nothing to disclose	
Ukogu	Chierika	Author	Paper 05	Nothing to disclose	
Ulery	Bret	Author		4. American Cancer Society, National Institutes of Health, Missouri Spinal Cord Injury and Disease Research Program, University of Missouri;	
Vaccaro	Alexander	Author	Paper 04, Paper 12, Paper 43	2. Accelus; 3. Avaz Surgical, Dimension Orthotics LLC, Globus, Stout Medical, Progressive Spinal Technologies, Advanced Spinal Intellectual Properties, Flagship Surgical, Cytonics, Electrocore, AVKN Patient Driven Care, FlowPharma, Rothman Institute and Related Properties, AO Spine, Innovative Surgical Design, Orthobullets, Atlas Spine, Nuvasive, Parvizi Surgical Innovation, Jushi, Deep Health, ViewFi Health, Sentryx, Accelus, Harvard MedTech, Medtronic, Stryker Spine, SpineWave, Alphatec; 6. Elsevier, Taylor Francis/Hodder and Stoughton, Jaypee, Thieme; 7. AO Spine, Accelus, Sentryx, National Spine Health Foundation;	
Vaishnav	Avani	Author	Paper 20, RF04, RF08	Nothing to disclose	
Vallecillo	Tissiana	Author		Nothing to disclose	
Van Halm-Lutterodt	Nicholas	Author		Nothing to disclose	
van Susante	Job	Presenter	Paper 46	4. Medical Metrix;	
Vasudevan	Rajiv	Author		Nothing to disclose	
Vatsia	Sohrab	Author		Nothing to disclose	

Vazquez	Sima	Author		Nothing to disclose	
Virk	Michael	Author	Paper 47, RF05	1. Depuy Synthes; 3. OnPoint Surgical;	
Virk	Sohrab	Presenter	RF13	2. LifeSpine; 4. Stryker, Induce Biologics, Medtronic, Biorestorative Therapies; 5. Stryker, Induce Biologics; 7. Cervical Spine Research Society;	
Vivekanandan	Sheela	Author	Paper 21	Nothing to disclose	
Von Suskil	Max	Author	Paper 43	Nothing to disclose	
Vucicevic	Rajko	Presenter	Paper 33	Nothing to disclose	
Waddell	William	Author	RF03	Nothing to disclose	
Wainwright	John	Author		Nothing to disclose	
Walley	Kemland	Author	RF11	Nothing to disclose	
Wang	Jeffrey	Speaker, Panelist, Author	Symposium 1, Symposium 2, Paper 10, RF07	2. angitia, bioretec, epidutech, Depuy Synthes; 3. zimmer biomet, novapproach, Depuy Synthes, seaspine; 7. AO Foundation board;	N/A
Wawrose	Richard	Author	Paper 35	Nothing to disclose	
Wellington	Ian	Author		Nothing to disclose	
Wiener	Joshua	Presenter	Paper 17	Nothing to disclose	
Witham	Timothy	Co-Chair Planning Committee		2. Depuy Synthes Spine; 3. Augmedics (Advisory Board and Investor); 6. Section Editor Journal of Neurosurgery: Case Lessons, Ad Hoc Reviewer Neurosurgery, Ad Hoc Reviewer Operative neurosurgery;	N/A
Wojewnik	Bartosz	Chair Ethics Committee, Reviewer-CME Committee, Moderator		1. Depuy Synthes	Recusal from the review of activity/topic selection with which there is a financial relationship
Wolf	Jacob	Author		Nothing to disclose	
Wong	Benjamin	Author	Paper 49	Nothing to disclose	
Wray	John	Author		Nothing to disclose	
Wright	Breydan	Author	Paper 50	Nothing to disclose	
Wu	Andrew	Author		Nothing to disclose	
Wu	Hao-Hua	Author	Paper 27	Nothing to disclose	
Yamout	Tarek	Author		Nothing to disclose	
Yang	Eunice	Author	Paper 47	Nothing to disclose	
Yanni	Daniel	Co-Chair Development Committee,		2. ZimVie, Surgical Theater	N/A
Yates	Rob	Author	Paper 08	Nothing to disclose	
Yazdanbakhsh	Kayvon	Author	Paper 33	Nothing to disclose	
Ye	Ivan	Author	RF17	Nothing to disclose	
Yee	Timothy	Author		Nothing to disclose	
Yoder	R. Garrett	Author		Nothing to disclose	
Yoo	Jung	Author	Paper 06	3. Osiris Therapeutics; 4. Orthofix;	
Yu	Elizabeth	Moderator		4. Empirical Spine; 7. North American Spine Society, American Academy of Orthopedic Surgeons, Society of Minimally Invasive Spine Surgery;	N/A
Yu	Alexander	Author	Paper 45	1. Karl Storz; 3. Z-Lite;	
Yu	Elizabeth	Author	Paper 41	4. Empirical Spine; 7. North American Spine Society, American Academy of Orthopedic Surgeons, Society of Minimally Invasive Spine Surgery;	
Zadeh	Arman	Author	Paper 13	Nothing to disclose	
Zakieh	Omar	Presenter	Paper 49, RF03	Nothing to disclose	

Zakko	Philip	Author	Paper 19	Nothing to disclose	
Zammar	Samer	Author		Nothing to disclose	
Zavras	Athan	Author	Paper 33	Nothing to disclose	
Zdeblick	Thomas	Panelist	Symposium 2	3. Royalties from Medtronic for patented spinal implants	N/A
Zeller	Sabrina	Author		Nothing to disclose	
Zeng	Francine	Author	Paper 37, Paper 40	Nothing to disclose	
Zhang	Derick	Author	Paper 49	Nothing to disclose	
Zhang	Joshua	Author	Paper 20, RF04, RF08	Nothing to disclose	
Zheng	Eileen	Author	Paper 18, Paper 38	Nothing to disclose	
Zhu	Jiaqi	Author	Paper 13	Nothing to disclose	
Zhu	Justin	Author		Nothing to disclose	
Zotter	Serafina	Author	Paper 23	Nothing to disclose	
Zuckerman	Scott	Author	Paper 49, RF03	6.NFL consultant, Medtronic consultant;	