

## **2018 AAHKS Annual Meeting Final Program Disclosure List**

### **Matthew P. Abdel, MD**

American Association of Hip and Knee Surgeons: Board or committee member  
International Congress for Joint Reconstruction: Board or committee member  
Journal of Bone and Joint Surgery – British: Editorial or governing board  
Mid-America Orthopaedic Association: Board or committee member  
Minnesota Orthopaedic Society: Board or committee member  
Springer: Publishing royalties, financial or material support  
Stryker: Paid consultant

### **Jeffrey A. Ackerman, MD**

This individual reported nothing to disclose.

### **Muyibat A. Adelani, MD**

American Association of Hip and Knee Surgeons: Board or committee member  
**Derek F. Amanatullah, MD**

AAOS: Board or committee member

Acumed, LLC: Research support

BlueJay Mobile Health: Paid consultant; Research support

DePuy, A Johnson & Johnson Company: Paid consultant

Exactech, Inc: Paid consultant

Omni: Paid consultant

Stryker: Paid consultant; Research support

WebMD: Publishing royalties, financial or material support

Zimmer: Paid consultant; Research support

### **Hiba Anis, MD**

This individual reported nothing to disclose.

### **Afshin Anoushiravani, MD**

This individual reported nothing to disclose.

### **Matthew Austin, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member  
Corin U.S.A.: Paid consultant

JayPee: Publishing royalties, financial or material support

Journal of Arthroplasty: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

Link Orthopaedics: Paid consultant

Stryker: Paid consultant

Zimmer: IP royalties; Paid consultant; Research support

**Michael P. Ast, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Conformis: Paid consultant

Eastern Orthopaedic Association: Board or committee member

Maxx Orthopaedics: Paid consultant; Paid presenter or speaker

OrthAlign: Paid consultant; Stock or stock Options

OrthAlign Inc: Paid presenter or speaker

OrthAlign, Inc: IP royalties

Smith & Nephew: Paid consultant; Paid presenter or speaker; Research support

Stryker: Paid consultant; Research support

**Trevor R. Banka, MD**

This individual reported nothing to disclose.

**C. Lowry Barnes, MD**

American Association of Hip and Knee Surgeons: Board or committee member

ConforMIS: Research support

DJO: IP royalties

HealthTrust: Paid consultant

HipKnee Arkansas Foundation: Board or committee member

Journal of Arthroplasty: Editorial or governing board

JSOA: Editorial or governing board

Medtronic: IP royalties; Paid consultant

Mid American Orthopaedic Association: Board or committee member

None: Unpaid consultant

Responsive Risk Solutions: Paid consultant; Stock or stock Options

Southern Orthopaedic Association: Board or committee member

Zimmer: IP royalties

**Robert L. Barrack, MD**

Biomet: Research support

EOS Imaging: Research support

Hip Society: Board or committee member

Journal of Bone and Joint Surgery – American: Editorial or governing board

Journal of Bone and Joint Surgery – British: Editorial or governing board

Knee Society: Board or committee member

Medical Compression Systems: Research support

Smith & Nephew: Research support

Stryker: IP royalties; Other financial or material support; Paid consultant; Research support

The McGraw-Hill Companies Inc: Publishing royalties, financial or material support

Wolters Kluwer Health – Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Wright Medical Technology, Inc.: Research support

**Walter Burns Beaver, MD**

DePuy, A Johnson & Johnson Company: Research support

DonJoy: Research support

ICJROrthoCarolina Research Institute: Board or committee member

Pacira Pharmaceutical: Research support

Stryker: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**Hany S. Bedair, MD**

DEF Medical: Stock or stock Options

Smith & Nephew: Paid consultant

**Ilya Bendich, MD**

This individual reported nothing to disclose.

**Daniel J. Berry, MD**

American Joint Replacement Registry: Board or committee member

Bodycad: Paid consultant; Stock or stock Options

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Research support

Elsevier: Publishing royalties, financial or material support

International Hip Society: Board or committee member

Journal of Bone and Joint Surgery – American: Editorial or governing board

Mayo Clinic Board of Governors: Board or committee member

Wolters Kluwer Health – Lippincott Williams & Wilkins: Publishing royalties, financial or material support

**Hari Bezwada, MD**

Corentec: Paid consultant

Encore Medical: Paid consultant

Flexion Therapeutics: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

**Stefano Alec Bini, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Arthroplasty Today, Associate Editor: Editorial or governing board

CaptureProof: Stock or stock Options

Cloudmedx: Stock or stock Options

HealthLoop: Research support

Johnson & Johnson: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Medtronic: Research support

Stryker: Paid consultant

Zimmer: Research support

**Michael Bolognesi, MD**

Amedica: Stock or stock Options; Unpaid consultant

American Association of Hip and Knee Surgeons: Board or committee member

AOA Omega: Other financial or material support

Arthroplasty Today: Editorial or governing board

Biomet: Research support

DePuy, A Johnson & Johnson Company: Research support

Eastern Orthopaedic Association: Board or committee member

Journal of Arthroplasty: Editorial or governing board

Journal of Surgical Orthopaedic Advances: Editorial or governing board

TJO: IP royalties; Paid consultant; Stock or stock Options

Zimmer: IP royalties; Paid presenter or speaker; Research support

**Kevin John Bozic, MD, MBA**

American Association of Hip and Knee Surgeons: Board or committee member

American Joint Replacement Registry: Board or committee member

Cardinal Analytx: Paid consultant

Carrum Health: Paid consultant

Centers for Medicare and Medicaid Services: Paid consultant

Harvard Business School: Unpaid consultant

**James Andrew Browne, MD**

American Association of Hip and Knee Surgeons: Board or committee member

American Joint Replacement Registry: Board or committee member

American Journal of Orthopedics: Editorial or governing board

DJ Orthopaedics: IP royalties; Paid consultant

Ethicon: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery – American: Publishing royalties, financial or material support

Radlink: Stock or stock Options

Saunders / Mosby-Elsevier: Publishing royalties, financial or material support

Southern Orthopaedic Association: Board or committee member

Virginia Orthopaedic Society: Board or committee member

**Thomas E. Brown, MD**

This individual reported nothing to disclose.

**Andrew John Bryan, MD**

This individual reported nothing to disclose.

**Aaron Buckland, FRACS**

K2M: Paid consultant

Nuvasive: Paid consultant

**Robert L. Buly, MD**

Blue Belt Technology: Stock or stock Options

Journal of Orthopaedics and Traumatology: Editorial or governing board

Maurice Mueller Foundation of North America International Society for Hip Arthroscopy: Board or committee member

**Tyler Edwin Calkins, BS**

This individual reported nothing to disclose.

**Claudio Castelli**

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Paid presenter or speaker

Italian Hip Society: Board or committee member

**Antonia F. Chen, MD, MBA**

3M: Paid consultant

AAOS: Board or committee member

ACI: Paid consultant

AJRR: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Annals of Joint: Editorial or governing board

bOne: Paid consultant

Bone & Joint 360 Journal: Editorial or governing board

Clinical Orthopaedics and Related Research: Editorial or governing board

Convatec: Paid consultant

DJ Orthopaedics: Paid consultant

European Knee Association: Board or committee member

Graftworx: Stock or stock Options

Halyard: Research support; Paid consultant

Healthcare Transformation: Editorial or governing board

Heraeus: Paid consultant

International Congress for Joint Reconstruction: Board or committee member

Irrimax: Paid consultant; Research support

Joint Purification Systems: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Journal of Bone & Joint Infection: Editorial or governing board

Knee Surgery, Sports Traumatology, Arthroscopy: Editorial or governing board

Musculoskeletal Infection Society: Board or committee member

Pfizer: Paid consultant

Recro: Paid consultant

SLACK Incorporated: Publishing royalties, financial or material support

Smith & Nephew: Research support

Sonoran: Stock or stock Options

Stryker: Paid consultant

Zimmer: Paid consultant

**Darwin D. Chen, MD**

Conformis: Paid consultant

**John C. Clohisy, MD**

Microport: IP royalties

Microport Orthopedics, Inc.: Paid consultant

Wolters Kluwer Health – Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: Paid consultant; Research support

**Nicholas Dominic Colacchio, MD**

This individual reported nothing to disclose.

**Herbert John Cooper, MD**

AAOS: Board or committee member

Corin U.S.A.: IP royalties; Paid consultant

DePuy, A Johnson & Johnson Company: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery – American: Editorial or governing board

KCI: Paid presenter or speaker; Research support

KCI Medical Canada, Inc: Paid consultant

KCI USA, Inc: Paid consultant

Zimmer-Biomet: Paid consultant

**Mark Cote, PT**

Arthroscopy: Editorial or governing board

**Brian Matthew Curtin, MD**

American Association of Hip and Knee Surgeons: Board or committee member

American Joint Replacement Registry Review Commission: Board or committee member

Biomet: Paid consultant

CareStream: Paid consultant

Clinical Orthopaedics and Related Research: Editorial or governing board

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

European Journal of Orthopaedic Surgery and Traumatology: Editorial or governing board

International Congress for Joint Reconstruction: Board or committee member

Johnson & Johnson: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Orthopedics: Editorial or governing board

Springer: Publishing royalties, financial or material support

Stryker: Paid consultant

**David F. Dalury, MD**

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Research support

Johnson & Johnson: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Robony: Stock or stock Options

**Chris John Dangles, MD**

American Association of Hip and Knee Surgeons: Board or committee member

**Charles M. Davis III, MD, PhD**

AAOS: Board or committee member

Journal of Arthroplasty: Editorial or governing board

**Charles Adam DeCook, MD**

Corin U.S.A.: Paid consultant; Paid presenter or speaker

DePuy, A Johnson & Johnson Company: Paid consultant; Paid presenter or speaker

Jointpoint: Stock or stock Options

Medical Enterprise: Stock or stock Options

Medtronic: Paid consultant; Paid presenter or speaker



Mizuho-OSI: IP royalties

Radlink: Stock or stock Options

**Daniel J. Del Gaizo, MD**

Biomup: Research support

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Journal of Arthroplasty: Editorial or governing board

Orthalign: Paid consultant

Pacira: Research support

Pacira Pharmaceuticals: Paid consultant; Paid presenter or speaker

Reflection Health: Research support

SPR Therapeutics: Paid consultant

Stryker: Research support

Zimmer: Research support

**Craig J. Della Valle, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Arthritis Foundation: Board or committee member

DePuy, A Johnson & Johnson Company: Paid consultant

Hip Society: Board or committee member

Knee Society: Board or committee member

Mid America Orthopaedic Association: Board or committee member

Orthopedics Today: Editorial or governing board

Parvizi Surgical Innovations: Stock or stock Options

SLACK Incorporated: Editorial or governing board; Publishing royalties, financial or material support

Smith & Nephew: Paid consultant; Research support

Stryker: Research support

Wolters Kluwer Health – Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: IP royalties; Paid consultant; Research support

**Matthew J. Dietz, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Heraeus Medical: Paid consultant

Synotrac / Graftworx: Stock or stock Options

**Lawrence D. Dorr, MD**

Biomet: IP royalties

DJ Orthopaedics: IP royalties

Joint Development, Inc.: Stock or stock Options

Operation Walk: Board or committee member

Total Joint Orthopedics: Unpaid consultant

Zimmer: IP royalties

**Jacob M Drew, MD**

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

Journal of Arthroplasty: Editorial or governing board

**Stephen Thomas Duncan, MD**

Journal of Arthroplasty: Editorial or governing board

Kentucky Orthopaedic Society: Board or committee member

Morph: Unpaid consultant

Smith & Nephew: Paid consultant; Research support

Stryker: Research support

Zimmer: Paid consultant; Research support

**Robert Easton, MD**

Encore Medical: IP royalties; Paid consultant

**Aidin Eslam Pour, MD**

This individual reported nothing to disclose.

**Thomas K. Fehring, MD**

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**Yale Fillingham, MD**

Johnson & Johnson: Paid consultant

**Mark G. Freeman, MD**

HealthTrustPG: Paid consultant

Irrimax Corporation: Stock or stock Options

Medtronic: Paid consultant; Paid presenter or speaker

Smith & Nephew: Paid consultant; Paid presenter or speaker

**Kevin B. Fricka, MD**

2ndMD: Paid consultant

OrthAlign: Stock or stock Options

OrthoCareRN: Other financial or material support

Pulse: Stock or stock Options

Smith & Nephew: Paid consultant; Paid presenter or speaker

Zimmer: Paid consultant; Paid presenter or speaker

Zimmer, INOVA Health Care Services: Research support

**Mark I. Froimson, MD**

American Association of Hip and Knee Surgeons: Board or committee member

American Journal of Orthopedics: Editorial or governing board

Ascent: Stock or stock Options

Clarify Health, LLC: Stock or stock Options

Johnson & Johnson: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery – American: Editorial or governing board

OSSO VR: Stock or stock Options

Pacira: Paid Consultant; Stock or stock Options

UOC: Paid consultant

**Michael David Gabbard, MD**

This individual reported nothing to disclose.

**Kevin L. Garvin, MD**

AAOS: Board or committee member

American Orthopaedic Association: Board or committee member

Hip Society: Board or committee member

Knee Society: Board or committee member

Wolters Kluwer Health – Lippincott Williams & Wilkins: Editorial or governing board

**Jeremy Gililand, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: Research support

CoNextions: Stock or stock Options

DJ Orthopaedics: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Medacta: Paid consultant

OrthoGrid: IP royalties; Paid consultant; Stock or stock Options

Smith & Nephew: Paid consultant

Stryker: Research support

Zimmer: Research support

**Devon D. Goetz, MD**

Clinical Orthopaedics and Related Research: Editorial or governing board

Journal of Bone and Joint Surgery – American: Editorial or governing board

Society for arthritic joint surgery: Board or committee member

**Ashton Goldman, MD**

This individual reported nothing to disclose.

**Jeffrey M. Goldstein, MD**

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

Journal of Arthroplasty: Editorial or governing board

**Gregory Golladay, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Arthroplasty Today: Editorial or governing board; Publishing royalties, financial or material support

Editorial Board, Journal of Arthroplasty: Editorial or governing board

Orthosensor: Paid consultant; Research support

Orthosensor, Inc: IP royalties; Paid presenter or speaker; Stock or stock Options

Virginia Orthopaedic Society: Board or committee member

**Alejandro Gonzalez Della Valle, MD**

Intellijoint: Paid consultant; Research support

Link Orthopaedics: Paid consultant

OrthoDevelopment: IP royalties; Paid consultant

OrthoSensor: IP royalties; Paid consultant

**Alexander C. Gordon, MD**

OrthoSensor: Paid consultant; Research support; Stock or stock Options

**Karan Goswami, MD**

This individual reported nothing to disclose.

**Steven B. Haas, MD**

OrthAlign: Paid consultant

Ortho.Secure: Stock or stock Options

Smith & Nephew: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**Fares Sami Haddad, FRCS**

Annals of the Royal College of Surgeons England: Editorial or governing board

Bone and Joint Journal: Editorial or governing board

Corin: IP royalties

Journal of Arthroplasty: Editorial or governing board

Matortho: IP royalties

Orthopedics Today: Editorial or governing board

Smith & Nephew: IP royalties; Paid consultant; Research support

Stryker: IP royalties; Paid consultant

**Mohamad Jamal Halawi, MD**

American Journal of Orthopedics: Editorial or governing board

**William G. Hamilton, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: Research support

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Paid presenter or speaker; Research support

Inova Health Care Services: Research support

Total Joint Orthopedics: IP royalties; Paid consultant

**Brian R. Hamlin, MD**

AAOS: Board or committee member

Bodycad: IP royalties; Paid consultant; Stock or stock Options

Journal of Arthroplasty, Transfusion: Editorial or governing board

Smith & Nephew: Paid consultant

**Charles Patrick Hannon, MD**

This individual reported nothing to disclose.

**Adam Hart, MD**

This individual reported nothing to disclose.

**Nicholas Hernandez, MD**

This individual reported nothing to disclose.

**Carlos A. Higuera Rueda, MD**

3M: Research support

American Association of Hip and Knee Surgeons: Board or committee member

American Journal of Orthopedics: Editorial or governing board

CD Diagnostics: Research support

Cempra: Research support

Cymedica: Research support

Ferring Pharmaceuticals: Research support

Journal of Hip Surgery: Editorial or governing board

Journal of Knee Surgery: Editorial or governing board

KCI: Paid consultant; Paid presenter or speaker; Research support

Mid-American Orthopaedic Association: Board or committee member

Musculoskeletal Infection Society: Board or committee member

OREF: Research support

Orthofix, Inc.: Research support

Pfizer: Paid consultant

PSI: Stock or stock Options

Stryker: Research support

TenNor Therapeutics Limited: Paid consultant

Zimmer: Paid consultant; Research support

**Jeremy Tyler Hines, MD**

This individual reported nothing to disclose.

**Kirby Hitt, MD**

Stryker: IP royalties; Other financial or material support; Paid consultant; Research support

StrykerConvatec: Paid presenter or speaker

**David Holst, MD**

This individual reported nothing to disclose.

**William J. Hozack, MD**

Journal of Arthroplasty: Editorial or governing board

Stryker: IP royalties; Paid consultant; Research support

**Ronald Huang, MD**

This individual reported nothing to disclose

**James I. Huddleston, III MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

American Knee Society: Research support

Biomet: Paid consultant; Research support

California Joint Replacement Registry: Board or committee member; Paid consultant

Corin U.S.A.: Paid consultant; Paid presenter or speaker; Research support

Exactech, Inc: IP royalties; Paid consultant; Paid presenter or speaker

Hip Society: Board or committee member

Journal of Arthroplasty: Editorial or governing board

Knee Society: Board or committee member

Porosteon: Paid consultant; Stock or stock Options

Robert Wood Johnson Foundation: Research support

Wolters Kluwer Health – Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: Paid consultant; Paid presenter or speaker

**Jason Ray Hull, MD**

American Association of Hip and Knee Surgeons: Board or committee member

**Jason Michael Hurst, MD**

Innomed: IP royalties

Joint Development Corporation: Stock or stock Options

SPR Therapeutics: Research support

SPR Therapeutics, LLC: Stock or stock Options

Total Joint Orthopedics: IP royalties; Paid consultant

Zimmer Biomet: IP royalties; Paid consultant; Research support

**Richard Iorio, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Bioventis: Research support

Bulletin of the Hospital for Joint Disease: Editorial or governing board

Clinical Orthopaedics and Related Research: Editorial or governing board

DJ Orthopaedics: Paid consultant

Ferring Pharmaceuticals: Research support

Force Therapeutics: Stock or stock Options

Hip Society: Board or committee member

JBJS Reviews: Editorial or governing board

Johnson & Johnson: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery – American: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

Knee Society: Board or committee member

MedTel: Paid consultant; Stock or stock Options

Medtronic: Paid consultant

Muve Health: Paid consultant; Stock or stock Options

Orthofix, Inc.: Research support

Orthosensor: Research support



Pacira: Paid consultant; Research support

Recro Pharma: Paid consultant

URX Mobile: Stock or stock Options

Vericel: Research support

Wellbe: Stock or stock Options

Zimmer: Paid consultant

**Joshua J. Jacobs, MD**

American Board of Orthopaedic Surgery, Inc.: Board or committee member

Hip Society: Board or committee member

Implant Protection: Stock or stock Options

Journal of Bone and Joint Surgery – American: Publishing royalties, financial or material support

Medtronic Sofamor Danek: Paid consultant; Research support

Nuvasive: Research support

Orthopaedic Research and Education Foundation: Board or committee member

The Journal of Bone and Joint Surgery: Board or committee member

Zimmer: Research support

**Derek R. Jenkins, MD**

This individual reported nothing to disclose.

**Jason Michael Jennings, MD**

DePuy, A Johnson & Johnson Company: Research support

Total Joint Orthopedics: Paid consultant

Xenex: Paid presenter or speaker

**Seth A. Jerabek, MD**

Imagen Technologies: Stock or stock Options

Stryker: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**William A. Jiranek, MD**

American Association of Hip and Knee Surgeons: Board or committee member

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Research support

Stryker: Research support

**Atul F. Kamath, MD**

AAOS: Board or committee member

BMC Musculoskeletal Disorders: Editorial or governing board

DePuy, A Johnson & Johnson Company: Paid consultant; Paid presenter or speaker; Research support

Heraeus: Unpaid consultant

Innomed: IP royalties

Johnson & Johnson: Stock or stock Options

Pacira Pharmaceuticals: Paid consultant

Procter & Gamble: Stock or stock Options

Zimmer: Paid consultant; Paid presenter or speaker; Research support; Stock or stock Options

**Benjamin Keeney, PhD**

Spine: Editorial or governing board

**Harpal S. Khanuja, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Journal of Arthroplasty: Editorial or governing board

**Beau Jackson Kildow, MD**

This individual reported nothing to disclose.

**Connor Andrew King, MD**

This individual reported nothing to disclose.

**David J. Kolessar, MD**

This individual reported nothing to disclose.

**Young-Min Kwon, MD, PhD**

Biomet: Research support

Corentec: Research support

DePuy, A Johnson & Johnson Company: Research support

Smith & Nephew: Research support

Stryker: Research support

Zimmer: Research support

**Claudette Lajam, MD**

AAOS: Board or committee member

Clinical Orthopaedics and Related Research: Editorial or governing board

International Orthopaedics: Editorial or governing board

Journal of Arthroplasty: Editorial or governing board

My home hospital journal: Editorial or governing board

NYSSOS: Board or committee member

Pfizer: Stock or stock Options

Ruth Jackson Orthopaedic Society: Board or committee member

**Jason Edward Lang, MD**

This individual reported nothing to disclose.

**Jeffrey K. Lange, MD**

This individual reported nothing to disclose.

**Eric A. Levicoff, MD**

This individual reported nothing to disclose.

**Brett R. Levine, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Artelon: Research support

Biomet: Research support

CORD: Board or committee member

DJ Orthopaedics: Paid consultant

Human kinetics: Editorial or governing board

Link Orthopaedics: Paid consultant

Medacta: Paid consultant

Merete: Paid consultant

SLACK Incorporated: Editorial or governing board

Zimmer: Research support

**David G. Lewallen, MD**

Acuitive Technologies: Paid consultant; Stock or stock Options

American Joint Replacement Registry: Board or committee member

Ketai Medical Devices: Stock or stock Options

Mako/Stryker: IP royalties

Orthopaedic Research and Education Foundation: Board or committee member

Zimmer Biomet: IP royalties; Paid consultant

**Jay R. Lieberman, MD**

AAOS: Board or committee member

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant

Hip Innovation Technology: Stock or stock Options

Hip Society: Board or committee member

Musculoskeletal Transplant Foundation: Board or committee member

Saunders/Mosby-Elsevier: Publishing royalties, financial or material support

Western Orthopaedic Association: Board or committee member

**Adolph V. Lombardi Jr., MD**

Clinical Orthopaedics and Related Research: Editorial or governing board

Elite, Inc.: Stock or stock Options

Hip Society: Board or committee member

Innomed: IP royalties

Joint Development Corporation: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery - American: Editorial or governing board

Journal of Orthopaedics and Traumatology: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

Knee: Editorial or governing board

Knee Society: Board or committee member

Mount Carmel Education Center at New Albany: Board or committee member

Operation Walk USA: Board or committee member

SPR Therapeutics, LLC: Research support; Stock or stock Options

Surgical Technology International: Editorial or governing board

Zimmer Biomet: IP royalties; Paid consultant; Research support

**Jess H. Lonner, MD**

American Journal of Orthopedics: Editorial or governing board

Biomet: IP royalties; Paid consultant; Paid presenter or speaker; Research support

Force Therapeutics: Research support; Stock or stock Options

Knee Society: Board or committee member

Proteonova: Stock or stock Options

Saunders/Mosby-Elsevier: Publishing royalties, financial or material support

Smith & Nephew: IP royalties; Paid consultant; Paid presenter or speaker; Research support

Springer: Publishing royalties, financial or material support

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**Tad M. Mabry, MD**

This individual reported nothing to disclose.

**William B. Macaulay, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Clinical Orthopaedics and Related Research: Editorial or governing board

Journal of Arthroplasty: Editorial or governing board

ORamaVR: Unpaid consultant

OrthAlign: Stock or stock Options

**Andrew Manktelow, MD**

Biomet: Other financial or material support; Paid presenter or speaker

British Hip Society: Board or committee member

Matortho: Paid consultant

Smith & Nephew: Paid presenter or speaker

Zimmer: Other financial or material support; Paid consultant; Paid presenter or speaker

**Theodore T. Manson, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Clinical Orthopaedics and Related Research: Editorial or governing board

DePuy, A Johnson & Johnson Company: Research support

Globus Medical: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Orthopaedics and Traumatology: Editorial or governing board

Stryker: Paid consultant

Synthes: Research support

**J. Bohannon Mason, MD**

American Association of Hip and Knee Surgeons: Board or committee member

DePuy, A Johnson & Johnson Company: IP royalties; Other financial or material support; Paid consultant

Journal of Arthroplasty: Publishing royalties, financial or material support

**Vasilios Mathews, MD**

DePuy, A Johnson & Johnson Company: Research support

**David J. Mayman, MD:**

Imagen: Stock or stock Options

Knee Society: Board or committee member

OrthAlign: Stock or stock Options

Smith & Nephew: Paid consultant; Paid presenter or speaker; Research support

**Benjamin A. McArthur, MD**

American Journal of Orthopedics: Editorial or governing board

Journal of Arthroplasty: Editorial or governing board

**Brian J. McGrory, MD, MS**

American Association of Hip and Knee Surgeons: Board or committee member

Arthroplasty Today: Editorial or governing board

Smith & Nephew: IP royalties; Paid consultant; Paid presenter or speaker

**Simon Mears, MD**

Delta Ortho LLC: Stock or stock Options

International Geriatric Fracture Society: Board or committee member

Journal of the American Geriatrics Society: Editorial or governing board

SAGE: Editorial or governing board

**R. Michael Meneghini, MD**

American Association of Hip and Knee Surgeons: Board or committee member

DJ Orthopaedics: IP royalties; Paid consultant; Research support

Emovi: Stock or stock Options

International Congress for Joint Reconstruction: Board or committee member

Journal of Arthroplasty: Editorial or governing board

Knee Society: Board or committee member

MuveHealth: Stock or stock Options

Osteoremedies: IP royalties; Paid consultant

PixarBio: Stock or stock Options

**Yushi Miyamae, MD, PhD**

This individual reported nothing to disclose.

**Robert M. Molloy, MD**

Stryker: Paid consultant; Paid presenter or speaker; Research support

Zimmer: Research support

**John Morton, FACS, MD, MPH**

ASMBS: Board or committee member

Bariatric Times, Obesity Surgery, SOARD: Editorial or governing board

Johnson & Johnson: Paid consultant

Medtronic: Paid consultant

**Michael J. Morris, MD**

Joint Development Corporation: Stock or stock Options

SPR Therapeutics: Research support

SPR Therapeutics, LLC: Stock or stock Options

Total Joint Orthopedics: IP royalties; Paid consultant

Zimmer Biomet: Paid consultant; Paid presenter or speaker; Research support

**Wayne E. Moschetti, MD, MS**

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Omni Life Science: Other financial or material support

**Joseph T. Moskal, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Corin U.S.A.: IP royalties; Paid consultant

DePuy, A Johnson & Johnson Company: IP royalties

Invuity: Stock or stock Options

Stryker: Paid consultant; Paid presenter or speaker

Think Surgical: Stock or stock Options

**Calin S. Moucha, MD**

3M: Paid presenter or speaker

Biocomposites: Paid presenter or speaker

**Orhun K. Muratoglu, PhD**

Alchemist, LLC.: Stock or stock Options

Arthrex, Inc: IP royalties

Aston Medical: IP royalties

Cambridge Polymer Group: Stock or stock Options

Conformis: IP royalties

Corin U.S.A.: IP royalties

DePuy, A Johnson & Johnson Company: Research support

Iconacy: IP royalties

Meril Healthcare: IP royalties

Orthopedic Technology Group: Stock or stock Options

Renovis: IP royalties

Stryker: IP royalties; Research support

Zimmer: Research support

Zimmer Biomet: IP royalties

**Stephen Murphy, MD**

International Society for Technology in Arthroplasty: Board or committee member

International Society of Computer Assisted Orthopedic Surgery: Board or committee member

MicroPort Orthopedics Inc.: IP royalties

Surgical Planning Associates, Inc.: Stock or stock Options

**Denis Nam, MD, MSc:**

KCI: Paid consultant; Research support

OrthAlign Inc.: Stock or stock Options

Stryker: Paid consultant

Synotrac Inc.: Stock or stock Options

Zimmer: Paid consultant; Research support

**Sumon Nandi, MD**

AAOS: Board or committee member



American Association of Hip and Knee Surgeons: Board or committee member

Journal of Arthroplasty: Editorial or governing board

**Nader A. Nassif, MD**

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

**Nathaniel J. Nelms, MD**

AAOS: Board or committee member

Arthroplasty Today: Editorial or governing board

Stryker: Research support

**Charles L. Nelson, MD**

AAOS: Board or committee member

Journal of Hip Surgery: Editorial or governing board

Knee Society: Board or committee member

Zimmer: Paid consultant; Research support

**Scott Nodzo, MD**

This individual reported nothing to disclose.

**Ryan M. Nunley, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons, Board of Directors and Treasurer: Board or committee member

Biocomposites: Paid consultant

Biomet: Research support

Cardinal Health: Paid consultant

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Halyard: Paid consultant

Hip Society: Board or committee member

Medical Compression System Inc: Paid consultant

Medical Compression Systems, Inc.: Research support

Medtronic: Paid consultant

Microport: IP royalties; Paid consultant

Mid-America Orthopaedic Association, Program Committee Chair, 2018 Program Chair: Board or committee member

Mirus: Paid consultant

Missouri State Orthopaedic Association, Board Member and President: Board or committee member

Smith & Nephew: Paid consultant; Research support

Southern Orthopaedic Association, 2nd Vice President, President Elect: Board or committee member

Stryker: Research support

The Knee Society, Education Committee, 2018 Program Chair: Board or committee member

**Ali R. Oliashirazi, MD**

DePuy, A Johnson & Johnson Company: Paid consultant; Paid presenter or speaker; Research support

Medtronic: Paid consultant

Zimmer: Paid consultant

**Douglas E. Padgett, MD**

American Joint Replacement Registry: Board or committee member

DJ Orthopaedics: IP royalties; Paid consultant; Paid presenter or speaker

Journal of Arthroplasty: Editorial or governing board

PixarBio: Paid consultant; Stock or stock Options

The Hip Society: Board or committee member

**Mark W. Pagnano, MD**

DePuy, A Johnson & Johnson Company: IP royalties

Hip Society: Board or committee member

KCI: Paid consultant

Knee Society: Board or committee member

Stryker: IP royalties

**Wayne G. Paprosky, MD**

Innomed inc.: IP royalties

Intellijoint: Paid consultant; Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Northwestern Medicine CDH - Co-Medical Director JRI: Other financial or material support

Stryker: IP royalties

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: IP royalties; Paid consultant

**Hari K. Parvataneni, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Arthroplasty Today: Editorial or governing board

Florida Orthopaedic Society: Board or committee member

**Javad Parvizi, MD, FRCS**

Alphaeon: Stock or stock Options

CeramTec: Paid consultant

Ceribell: Stock or stock Options

ConvaTec: Paid consultant

Corentec: IP royalties; Paid consultant; Stock or stock Options

Cross Current Business Intelligence: Stock or stock Options

Datatrace: Publishing royalties, financial or material support

Eastern Orthopaedic Association: Board or committee member

Elsevier: Publishing royalties, financial or material support

Ethicon: Paid consultant

Heron: Paid consultant

Hip Innovation Technology: Stock or stock Options

Intellijoint: Stock or stock Options

Invisible Sentinel: Stock or stock Options

Jaypee Publishers: Publishing royalties, financial or material support

Joint Purification Systems: Stock or stock Options

Journal of Bone and Joint Surgery - American: Editorial or governing board

MDValuate: Stock or stock Options

MedAp: Stock or stock Options

MicroGenDx: Stock or stock Options

Muller Foundation: Board or committee member

Parvizi Surgical Innovations: Stock or stock Options

Physician Recommended Nutraceuticals: Stock or stock Options

PRN-Veterinary: Stock or stock Options

SLACK Incorporated: Publishing royalties, financial or material support

Tenor: Paid consultant

TissueGene: Paid consultant

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: Paid consultant

**Shaun P. Patel, MD**

Journal of Arthroplasty: Editorial or governing board

Orthobullets: Editorial or governing board

**Andrew D. Pearle, MD**

Exactech, Inc: Paid consultant

Stryker: Paid consultant

Zimmer: IP royalties; Paid consultant

**Christopher E. Pelt, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

KCI: Paid consultant

TJO (Total Joint Orthopedics): IP royalties; Paid consultant; Paid presenter or speaker

Zimmer Biomet: Paid consultant; Paid presenter or speaker; Research support

**Andrew M. Pepper, MD**

This individual reported nothing to disclose.

**Brett C. Perricelli, MD**

AAHKS - Abstract Review Committee: Board or committee member

AAHKS - Patient Educational Committee Member: Board or committee member

Biomet: Paid consultant

Data Trace Publishing Company: Research support

Journal of Arthroplasty: Editorial or governing board

Pacira Pharmaceuticals Inc: Stock or stock Options

Zimmer: Paid consultant

Zimmer Biomet: Paid presenter or speaker

**Kevin I. Perry, MD**

This individual reported nothing to disclose.

**Christopher L. Peters, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: IP royalties; Paid consultant; Paid presenter or speaker; Research support

CoNextions Medical: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Journal of Hip Preservation: Editorial or governing board

Knee Society: Board or committee member

Muve Health: Stock or stock Options

**Nicolas S. Piuzzi, MD**

This individual reported nothing to disclose.

**Kevin D. Plancher, MD, MPH, MS**

American Academy of Orthopaedic Surgeons: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

American Journal of Sports Medicine: Editorial or governing board

American Orthopaedic Society for Sports Medicine: Board or committee member

American Shoulder and Elbow Surgeons: Board or committee member

Anika Therapeutics: Research support

Arthritis Foundation: Board or committee member

Arthroscopy Association of North America: Board or committee member

Arthroscopy: The Journal of Arthroscopic & Related Surgery: Editorial or governing board

Clinical Orthopaedics and Related Research: Editorial or governing board

DT Med Surg Ortho Cases: Editorial or governing board

Eastern Orthopaedic Association: Board or committee member

Flexion: Paid presenter or speaker

International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine: Board or committee member

Journal of Orthopaedic Surgery & Research: Editorial or governing board

Maine Orthopaedic Review: Paid presenter or speaker

Medical Society of the State of New York: Board or committee member

Miller Orthopaedic Review: Paid presenter or speaker

NY County Medical Society: Board or committee member

Operative Techniques in Sports Medicine: Editorial or governing board

Orthopaedic Foundation for Active Lifestyles: Board or committee member

Orthopaedic Research and Education Foundation: Board or committee member

Orthopaedic Summit Evolving Techniques: Board or committee member

Oxford Immunotec: Research support

Pacira: Paid consultant

Recro Pharma: Paid consultant

Sam Sport: Research support

Smith & Nephew: Paid consultant

Southern Orthopaedic Association: Paid presenter or speaker

Techniques in Orthopaedics: Editorial or governing board

**Gregory G. Polkowski II, MD, MSc**

American Association of Hip and Knee Surgeons: Board or committee member

DJ Orthopaedics: Paid consultant

**Alexander Rondon, MD**

This individual reported nothing to disclose.

**Raul Rosenthal, MD**

This individual reported nothing to disclose.

**Sean P. Ryan, MD**

This individual reported nothing to disclose.

**Alexander P. Sah, MD**

Angiotech: Paid presenter or speaker

Convatec: Paid presenter or speaker

Mallinckrodt: Paid presenter or speaker

Medtronic: Paid presenter or speaker

NextStep: IP royalties

Pacira: Paid presenter or speaker

Zimmer: Research support

**Linsen T. Samuel, MBA, MD**

This individual reported nothing to disclose.

**Adam A. Sassoon, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biocomposites Inc.: Paid consultant

Smith & Nephew: Paid consultant

**Arjun Saxena, MD**

American Association of Hip and Knee Surgeons: Board or committee member

American Board of Orthopaedic Surgery, Inc.: Board or committee member

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

Eastern Orthopaedic Association: Board or committee member

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery - American: Editorial or governing board

Journal of Surgical Orthopaedic Advances: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

**Jonathan L. Schaffer, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Compliant Innovations, LLC: Paid consultant; Stock or stock Options

Elsevier: Publishing royalties, financial or material support

iBalance Medical: Stock or stock Options

MyDoc PTE LTD: Paid consultant

Orthogenics AS: Paid consultant

SnappSkin: Stock or stock Options

Taylor and Francis: Publishing royalties, financial or material support

Zin Medical, Inc. now Flex Life Healthcare: IP royalties

**Adam Schwartz, MD**

AAOS: Board or committee member

American Journal of Orthopedics: Editorial or governing board

**Ran Schwarzkopf, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Arthroplasty Today: Editorial or governing board

Gauss surgical: Stock or stock Options

Intelijoint: Paid consultant; Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Smith & Nephew: Paid consultant; Research support

**Thomas P. Sculco, MD**

American Journal of Orthopedics: Editorial or governing board

Exactech, Inc: IP royalties

Knee Society: Board or committee member

Lima Orthopedic: Unpaid consultant

**Thorsten M. Seyler, MD, PhD**

Biomet: Research support

KCI: Research support

MedBlue Incubator Inc: Research support

Pfizer: Paid consultant

Reflexion Health Inc.: Research support

Smith & Nephew: Paid consultant

Total Joint Orthopedics, Inc: IP royalties

Total Joint Orthopedics, Inc.: Paid consultant

**Ritesh Shah, MD**

Biomet: Research support

Journal of Arthroplasty: Editorial or governing board

Smith & Nephew: Paid consultant; Paid presenter or speaker

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Wright Medical Technology, Inc.: Research support

Zimmer: Research support

**Roshan P. Shah, MD, JD**

Link Orthopaedics: Paid consultant

U.S. Food and Drug Administration: Board or committee member

**Vivek M. Shah, MD**

Biomet: Paid presenter or speaker

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

Medtronic: Paid consultant



**Rafael J. Sierra, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: Paid consultant; Paid presenter or speaker

DePuy, A Johnson & Johnson Company: Research support

Journal of Arthroplasty: Editorial or governing board

Link Orthopaedics: IP royalties; Paid consultant

Midamerica orthopedic society: Board or committee member

Springer: Publishing royalties, financial or material support

Stryker, Biomet: Research support

Zimmer: IP royalties; Research support

**Matthew Siljander, MD**

This individual reported nothing to disclose.

**James D. Slover, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: Research support

**Ali H. Sobh, MD**

This individual reported nothing to disclose.

**Mark J. Spangehl, MD**

Arthroplasty Today: Editorial or governing board

BodyCad: Paid consultant

DePuy, A Johnson & Johnson Company: Research support

Journal of Arthroplasty: Editorial or governing board

Sonoran Biosciences: Stock or stock Options

Stryker: Research support

Zimmer: Paid consultant

**Scott M. Sporer, MD**

American Joint Replacement Registry: Board or committee member

DJO Surgical: IP royalties; Paid consultant

Myoscience: Paid consultant; Stock or stock Options

Osteoremedies: IP royalties; Paid consultant

SLACK Incorporated: Publishing royalties, financial or material support

Stryker: Research support

Zimmer: IP royalties; Research support

**Bryan D. Springer, MD**

AJRR: Board or committee member

Arthroplasty Today: Editorial or governing board

Ceramtec: Paid presenter or speaker

Convatec: Paid consultant

ICJR: Board or committee member

Joint purifications systems.: Other financial or material support

Journal of Arthroplasty: Editorial or governing board

Osteoremedies: Paid consultant

Stryker: IP royalties; Paid consultant

**Garen D. Steele, MD**

American Association of Hip and Knee Surgeons: Board or committee member

OrthoCor: Paid consultant

Zimmer: Paid consultant

**Benjamin M. Stronach, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Joint Development LLC: Stock or stock Options

KCI: Research support

Medical Device Business Services, Inc.: Paid consultant

Mississippi Orthopaedic Society: Board or committee member

Smith & Nephew: Unpaid consultant

Tightline Development LLC: IP royalties

**Louis S. Stryker, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

Journal of Arthroplasty: Editorial or governing board

**Timothy Tan, MD**

This individual reported nothing to disclose.

**Edward C. Tanner, MD**

This individual reported nothing to disclose.

**Michael J. Taunton, MD**

AAOS: Board or committee member

American Association of Hip and Knee Surgeons: Board or committee member

DePuy, A Johnson & Johnson Company: Research support

DJ Orthopaedics: IP royalties; Paid consultant

Journal of Arthroplasty: Editorial or governing board

Mid America Orthopedic Association: Board or committee member

Stryker: Research support

**Krishna R. Tripuraneni, MD**

Arthroplasty Today: Editorial or governing board

DJO Surgical: Research support

Graftworx: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Orthopaedic Implant Company: Stock or stock Options

Zimmer: Research support

**Robert T. Trousdale, MD**

American Association of Hip and Knee Surgeons: Board or committee member

DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant

Hip Society: Board or committee member

Journal of Arthroplasty: Editorial or governing board

Knee Society: Board or committee member

Medtronic: IP royalties

**Kenneth Urish, MD, PhD**

AAOS: Board or committee member

ASTM: Board or committee member

BodyCad: Research support

Smith & Nephew: Paid consultant

**Jonathan M. Vigdorich, MD**

Corin U.S.A.: Paid consultant

Intellijoint Surgical: Paid consultant

Stryker: Paid consultant

**Bradford S. Waddell, MD**

Current Reviews in Musculoskeletal Medicine: Editorial or governing board

KCI: Paid consultant

Stryker: Research support

**Matthew R. Walker, MD**

This individual reported nothing to disclose.

**Samuel S. Wellman, MD**

American Association of Hip and Knee Surgeons: Board or committee member

Biomet: Research support

DePuy, A Johnson & Johnson Company: Research support

Journal of Arthroplasty: Editorial or governing board

Stryker: Research support

Total Joint Orthopaedics: Paid consultant; IP royalties

Zimmer: Research support

**Geoffrey H. Westrich, MD**

Eastern Orthopedic Association: Board or committee member

Exactech, Inc: IP royalties; Paid consultant; Paid presenter or speaker; Research support

Knee Society: Board or committee member

Mallinckrodt Pharmaceuticals: Paid presenter or speaker; Research support

Stryker: IP royalties; Paid consultant; Paid presenter or speaker; Research support

**Sigita Wolfe**

This individual reported nothing to disclose.

**Cody Wyles, MD**

This individual reported nothing to disclose.

**Simon Young, MD, FRACS**

Arthrex, Inc: Paid presenter or speaker

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

Stryker: Paid consultant; Paid presenter or speaker; Research support

Surgical Solutions: Stock or stock Options

Vidacare: Research support

**Khalid M. Yousuf, MD, MS**

BD Carefusion: Paid presenter or speaker

**Luigi Zagra, MD**

American Association of Hip and Knee Surgeons: Board or committee member

CeramTec: Paid presenter or speaker

DePuy, A Johnson & Johnson Company: Paid presenter or speaker

EFORT Open Reviews: Editorial or governing board; Publishing royalties, financial or material support

European Federation of National Associations of Orthopedics and Traumatology: Board or committee member

European Hip Society: Board or committee member

Hip International: Editorial or governing board

LimaCorporate: Paid presenter or speaker; Research support

Medacta: Paid presenter or speaker

Menarini: Paid presenter or speaker

Orthopedics Today: Editorial or governing board

Smith & Nephew: Paid presenter or speaker

Società Italiana dell'Anca: Board or committee member

Società Italiana di Ortopedia e Traumatologia: Board or committee member

Zimmer: Paid presenter or speaker