



ORS 2025 Annual Meeting Disclosure Key

To follow ACCME guidelines the Orthopaedic Research Society has identified the options to disclose as follows:

DISCLOSURES:

1. Do you receive royalties for any pharmaceutical, biomaterial or orthopaedic product or device?
2. Within the past 12 months, have you or a member of your immediate family served on the speaker's bureau or have you been paid an honorarium to present by any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
- 3A. Are you a PAID EMPLOYEE of any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
- 3B. Are you a PAID CONSULTANT of any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
- 3C. Are you or a member of your immediate family an UNPAID CONSULTANT of any pharmaceutical, biomaterial or orthopaedic device or equipment company or supplier?
4. Do you own stock or stock options in any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier (excluding mutual funds)?
5. Do you receive research or institutional support as a principal investigator from any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
6. Do you receive any other financial or material support as a principal investigator from any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
- 7A. Do you receive any royalties, financial or material support from any pharmaceutical, biomaterial or orthopaedic device or equipment company, or supplier?
- 7B. Do you receive any royalties, financial or material support from any medical and/or orthopaedic publisher?
8. Do you or a member of your immediate family serve on the editorial or governing board of any medical and/or orthopaedic publication?
9. Do you or a member of your immediate family serve on the Board of Directors or a committee of any medical and/or orthopaedic professional society?



ORS 2025 Program Committee Disclosure Index

Ling Qin (Philadelphia, PA)

Submitted on: 07/16/2024

American Society for Bone and Mineral Research: Board or committee member

International Chinese Musculoskeletal Research Society: Board or committee member

Journal of Bone and Mineral Research: Editorial or governing board

Journal of Orthopaedic Translation: Editorial or governing board

Orthopaedic Research Society: Board or committee member

Damian Genetos, PhD (Davis, CA)

Submitted on: 09/11/2023

Amgen Co: Stock or stock Options

Journal of Orthopaedic Research: Editorial or governing board; Publishing royalties, financial or material support

Donna M Pacicca, MD, FAAOS (Hartford, CT)

Submitted on: 01/03/2024

Medtronic: Stock or stock Options

Orthopaedic Research Society: Board or committee member

Zimmer: Stock or stock Options

Elizabeth L Yanik, PhD, MSc (Saint Louis, MO)

(This individual reported nothing to disclose); Submitted on: 06/03/2024

Anne EC Nichols, PhD (Rochester, NY)

Submitted on: 07/16/2024

Orthopaedic Research Society: Board or committee member

Richard E Debski, PhD (Pittsburgh, PA)

(This individual reported nothing to disclose); Submitted on: 07/07/2023

Simo Saarakkala, PhD (Finland)

Submitted on: 06/25/2024

Osteoarthritis and Cartilage Open: Editorial or governing board

Matthew Zuleg (Rosemont, IL) – **Staff Liaison** (This individual reported nothing to disclose); Submitted on: 09/05/2023



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Abel, Richard	Disclosed no conflict of interest.
Abi-Aad, Rebecca	Disclosed no conflict of interest.
Ables, Riley	Disclosed no conflict of interest.
Ablove, Robert	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

^p Indicates 2025 Program Committee

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All relevant financial relationships have been mitigated.

Author disclosures as of August 2024



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Aboulafia, Alexis

Disclosed no conflict of interest.

Aboushaala, Khaled

Disclosed no conflict of interest.

Abraham, Adam C. ^b

9: ORS Membership committee chair.

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Adams, Douglas

Disclosed no conflict of interest.

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Disclosed no conflict of interest.

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Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Awdeh, Haitham	Disclosed no conflict of interest.
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Badger, Gary J	Disclosed no conflict of interest.
Badida, Rohit	Disclosed no conflict of interest.
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Bae, Yongho	Disclosed no conflict of interest.
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Bahri, Tipsuda	Disclosed no conflict of interest.
Bahro, Ghazwan	Disclosed no conflict of interest.

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Baht, Gurpreet S.	Disclosed no conflict of interest.
Bai, Chaowen	Disclosed no conflict of interest.
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Baidya, Joydeep	Disclosed no conflict of interest.
Baig, Samir A	Disclosed no conflict of interest.
Bailes, Anna	Disclosed no conflict of interest.
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Bailey, Mitchell W	Disclosed no conflict of interest.
Bain, Steven	Disclosed no conflict of interest.
Bainbridge, Scott	Disclosed no conflict of interest.
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Bajpayee, Ambika G	Disclosed no conflict of interest.
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Baker, Leilani	Disclosed no conflict of interest.
Baker, Rafeal	Disclosed no conflict of interest.
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Balachandran, Uma	Disclosed no conflict of interest.
Balagtas, Madison	Disclosed no conflict of interest.
Balaji, Lakhisha	Disclosed no conflict of interest.
Balayan, Alis	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Baldini, Tony	Disclosed no conflict of interest.
Baldrige, Matthew	Disclosed no conflict of interest.
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Ball, Jacob R	Disclosed no conflict of interest.
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Balwierz, Aleksandra	Disclosed no conflict of interest.
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Banoub, Mariam	Disclosed no conflict of interest.
Baratta, Chloe E.	Disclosed no conflict of interest.
Barazandeh, Aida Feiz	Disclosed no conflict of interest.
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Barbe, Mary F	Disclosed no conflict of interest.
Barbella, Cristina	Disclosed no conflict of interest.
Barcik, Jan	Disclosed no conflict of interest.
Barg, Taylor	Disclosed no conflict of interest.
Bariteau, Jason	Disclosed no conflict of interest.
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Barnes, Dominique A	Disclosed no conflict of interest.
Barnes, Elijah	Disclosed no conflict of interest.
Barnes, Jacob	Disclosed no conflict of interest.
Barnett, Alexander	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Author disclosures as of August 2024



Barnett, Evie C	Disclosed no conflict of interest.
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Baron, Cristina	Disclosed no conflict of interest.
Baron, Max	Disclosed no conflict of interest.
Barrasa Fano, Jorge	Disclosed no conflict of interest.
Barrett, Montana	Disclosed no conflict of interest.
Barrett, Thomas	Disclosed no conflict of interest.
Barrie, Umaru	Disclosed no conflict of interest.
Barrientos De Renshaw, Tomasa	Disclosed no conflict of interest.
Barron, Drew W.	Disclosed no conflict of interest.
Barry, Michael A	Disclosed no conflict of interest.
Bartlett, Gabriel S	Disclosed no conflict of interest.
Bartolozzi, Arthur	Disclosed no conflict of interest.
Barton, Chloe	Disclosed no conflict of interest.
Barton, Shane	Disclosed no conflict of interest.
Bartrom, Samuel A	Disclosed no conflict of interest.
Barwin, Willem	Disclosed no conflict of interest.
Barylak, Julia	Disclosed no conflict of interest.
Barzilay, Yair	Disclosed no conflict of interest.
Basatvat, Shaghayegh	Disclosed no conflict of interest.
Basbaum, Allan	Disclosed no conflict of interest.
Bashier, Mohammed	Disclosed no conflict of interest.
Baskin, Kedryn K	Disclosed no conflict of interest.
Basseri, Benjamin H.	Disclosed no conflict of interest.
Basta, Joseph H	Disclosed no conflict of interest.

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Bauer, Jordan A	Disclosed no conflict of interest.
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Baumann, Anthony	Disclosed no conflict of interest.
Baumann, John R	Disclosed no conflict of interest.
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Behnam, Yashar A	Disclosed no conflict of interest.
Behrens, Andrew	Disclosed no conflict of interest.
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Beier, Katie	Disclosed no conflict of interest.
Beil, Frank Timo	Disclosed no conflict of interest.
Beleckas, Casey M	Disclosed no conflict of interest.
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Bella, Mehta	Disclosed no conflict of interest.
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Bellemans, Johan	Disclosed no conflict of interest.
Bellisimo-Meade, Dylan	Disclosed no conflict of interest.
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Belt, Nicholas	Disclosed no conflict of interest.
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Benedict, Christian	Disclosed no conflict of interest.
Benevenia, Joseph	Disclosed no conflict of interest.
Benhaim, Prosper	Disclosed no conflict of interest.
Benharash, Peyman	Disclosed no conflict of interest.
Benn, Lancelot	Disclosed no conflict of interest.
Bennett, Hailey	Disclosed no conflict of interest.
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Benoit, Alexandra	Disclosed no conflict of interest.
Benoit, Christopher N.	Disclosed no conflict of interest.
Benoit, Danielle	Disclosed no conflict of interest.
Benson, Matthew D	Disclosed no conflict of interest.
Bensreti, Husam Eldin	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Berger, Jessica	Disclosed no conflict of interest.
Berges, Bradford K	Disclosed no conflict of interest.
Bergholt, Mads S	Disclosed no conflict of interest.
Bergin, Patrick	Disclosed no conflict of interest.
Berg-Johansen, Britta	Disclosed no conflict of interest.
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Berkun, Ruth	Disclosed no conflict of interest.
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Bernstein, Ethan	Disclosed no conflict of interest.
Bernstein, Peter	Disclosed no conflict of interest.
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Betensky, Daniel	Disclosed no conflict of interest.

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Bethell, Mikhail	Disclosed no conflict of interest.
Betsch, Marcel	Disclosed no conflict of interest.
Beveridge, Jillian E	Disclosed no conflict of interest.
Bewersdorf, Tim N	Disclosed no conflict of interest.
Beyermann, Jessica	Disclosed no conflict of interest.
Beynnon, Bruce	Disclosed no conflict of interest.
Beynnon, Bruce D.	Disclosed no conflict of interest.
Bhadouria, Neharika	Disclosed no conflict of interest.
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Bhargava, Satyaji	Disclosed no conflict of interest.
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Bhimani, Aamir	Disclosed no conflict of interest.
Bhimani, Rohat	Disclosed no conflict of interest.
Bhingaradiya, Nutanben	Disclosed no conflict of interest.
Bhutani, Nidhi	Disclosed no conflict of interest.
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Binder-Markey, Benjamin	Disclosed no conflict of interest.

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Bindra, Guneet	Disclosed no conflict of interest.
Bindra, Guneet S.	Disclosed no conflict of interest.
Bingham, Joshua	Disclosed no conflict of interest.
Binitie, Odion	Disclosed no conflict of interest.
Binoy, Anupama	Disclosed no conflict of interest.
Biong, Bernadette	Disclosed no conflict of interest.
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Blanchet, Clement	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Blanco, John S	Disclosed no conflict of interest.
Bland, Demia	Disclosed no conflict of interest.
Blank, Elyse	Disclosed no conflict of interest.
Blank, Jonathon	Disclosed no conflict of interest.
Blaszkiwicz, Magdalena	Disclosed no conflict of interest.
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Blough, Christian	Disclosed no conflict of interest.
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Boduch, Abigail	Disclosed no conflict of interest.
Boepple, Jessica	Disclosed no conflict of interest.
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Boghdady, Abdelrahman	Disclosed no conflict of interest.

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Bogner, Sierra	Disclosed no conflict of interest.
Bogue, Shelly	Disclosed no conflict of interest.
Bogues, Parker	Disclosed no conflict of interest.
Bohl, Daniel D. ^b	5: Arthrex, Stryker, Paragon28.
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Borah, Andrew	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Botros, Mina	Disclosed no conflict of interest.
Bou Monsef, Jad	Disclosed no conflict of interest.
Bou, Kai L.	Disclosed no conflict of interest.
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Bousleiman, Jamie	Disclosed no conflict of interest.
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^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Bowden, Lucy C	Disclosed no conflict of interest.
Bowden, Samuel	Disclosed no conflict of interest.
Bowen, Edward	Disclosed no conflict of interest.
Bowen, Grace	Disclosed no conflict of interest.
Bowes, Mike	Disclosed no conflict of interest.
Bowler, Adam	Disclosed no conflict of interest.
Bowles, Daniel	Disclosed no conflict of interest.
Bowles, Robert	Disclosed no conflict of interest.
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Boyce, Brendan	Disclosed no conflict of interest.
Boyer, Timothy L	Disclosed no conflict of interest.
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Bradley, Elizabeth	Disclosed no conflict of interest.
Bradley, Evan	Disclosed no conflict of interest.
Bradley, Patrick X	Disclosed no conflict of interest.
Brady, Alex W.	Disclosed no conflict of interest.
Brady, Nicholas	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Brama, Pieter AJ.	Disclosed no conflict of interest.
Braman, Michael	Disclosed no conflict of interest.
Branch, Daniel A	Disclosed no conflict of interest.
Bratten, Alannah	Disclosed no conflict of interest.
Braun, Sebastian	Disclosed no conflict of interest.
Bravo, Cesar	Disclosed no conflict of interest.
Brawner, Cindy	Disclosed no conflict of interest.
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Brender, Kenta	Disclosed no conflict of interest.
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Bretches, Morgan	Disclosed no conflict of interest.
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Brittain, Abby R	Disclosed no conflict of interest.
Brixen, Adalia	Disclosed no conflict of interest.
Broadaway, Harrison B	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Broadhurst, Alexander J	Disclosed no conflict of interest.
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Brooks, Benjamin	Disclosed no conflict of interest.
Brooks, Daina	Disclosed no conflict of interest.
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Brown, Corinthia	Disclosed no conflict of interest.
Brown, Kenna	Disclosed no conflict of interest.
Brown, Madison	Disclosed no conflict of interest.
Brown, Matthew	Disclosed no conflict of interest.
Brown, Nicholas	Disclosed no conflict of interest.
Brown, Nicola L	Disclosed no conflict of interest.
Brown, Philip J	Disclosed no conflict of interest.
Brown, Ramone	Disclosed no conflict of interest.
Brown, Sofia	Disclosed no conflict of interest.
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Browne, Kevin	Disclosed no conflict of interest.
Browne, Shane	Disclosed no conflict of interest.
Brozovich, Ava	Disclosed no conflict of interest.
Bruckman, Karl C	Disclosed no conflict of interest.
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^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Brunetti, Giulio	Disclosed no conflict of interest.
Brunner, Jaclyn	Disclosed no conflict of interest.
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Bryant, Brandon J. ^b	3B: Ossio Inc.
Bryant, Stephanie	Disclosed no conflict of interest.
Bryant, Stephanie J	Disclosed no conflict of interest.
Bryant, Stewart A	Disclosed no conflict of interest.
Brylka, Laura J.	Disclosed no conflict of interest.
Bu, Jiyoung	Disclosed no conflict of interest.
Bubnovich, Mark	Disclosed no conflict of interest.
Buchalter, Wyatt H	Disclosed no conflict of interest.
Buchan, Levi	Disclosed no conflict of interest.
Buchanan, Nathaniel	Disclosed no conflict of interest.
Buchanan, Russell	Disclosed no conflict of interest.
Buchowski, Jacob	Disclosed no conflict of interest.
Buchweitz, Nathan	Disclosed no conflict of interest.
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Buckley, Conor T	Disclosed no conflict of interest.
Buckley, Mark	Disclosed no conflict of interest.
Buckley, Sara	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Author disclosures as of August 2024



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Buckner-Petty, Skye	Disclosed no conflict of interest.
Budbazar, Enkhjargal	Disclosed no conflict of interest.
Budden, Theodore	Disclosed no conflict of interest.
Buddhiraju, Anirudh	Disclosed no conflict of interest.
Budge, Matthew D. ^b	3B: Catalyst OrthoScience; 4: Catalyst OrthoScience; 9: American Academy of Orthopaedic Surgeons, American Shoulder and Elbow Surgeons.
Budhiparama, Nicolaas C	Disclosed no conflict of interest.
Buettmann, Evan G.	Disclosed no conflict of interest.
Buffat, Drew	Disclosed no conflict of interest.
Bugajski, Tomasz	Disclosed no conflict of interest.
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Buhler, Scott A	Disclosed no conflict of interest.
Buko, Erick O.	Disclosed no conflict of interest.
Buliyat, Jaren	Disclosed no conflict of interest.
Bull, Anthony	Disclosed no conflict of interest.
Bülow, Jasmin	Disclosed no conflict of interest.
Bun, Masayuki	Disclosed no conflict of interest.
Bunnell, Bruce	Disclosed no conflict of interest.
Burcke, Andrew	Disclosed no conflict of interest.
Burdick, Jason A.	Disclosed no conflict of interest.
Burgan, Jane	Disclosed no conflict of interest.
Burger, Anna	Disclosed no conflict of interest.
Burgett, Lauren A	Disclosed no conflict of interest.
Burgkart, Rainer	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Author disclosures as of August 2024



Burke, Zachary	Disclosed no conflict of interest.
Burkhard, Marco D	Disclosed no conflict of interest.
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Burns, Colin	Disclosed no conflict of interest.
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Burssens, Arne	Disclosed no conflict of interest.
Burt, Kevin G	Disclosed no conflict of interest.
Burton, Alex T	Disclosed no conflict of interest.
Burton, Douglas	Disclosed no conflict of interest.
Burton, Lindsey H	Disclosed no conflict of interest.
Bush, Joshua	Disclosed no conflict of interest.
Buss, Brandon	Disclosed no conflict of interest.
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Butturi Varone, Bruno	Disclosed no conflict of interest.
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Byrne, Victoria	Disclosed no conflict of interest.
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Cacciatore, John C	Disclosed no conflict of interest.
Cadoux-Hudson, Daniel	Disclosed no conflict of interest.
Caetano, Camila	Disclosed no conflict of interest.
Caffard, Thomas	Disclosed no conflict of interest.
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Cahill, Patrick	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Cai, Xiaomin	Disclosed no conflict of interest.
Calabrese, Gina M	Disclosed no conflict of interest.
Calcei, Jacob	Disclosed no conflict of interest.
Calero Castro, Francisco José	Disclosed no conflict of interest.
Calhoun, Scott	Disclosed no conflict of interest.
Callahan, Matthew	Disclosed no conflict of interest.
Callary, Stuart	Disclosed no conflict of interest.
Calo, Christopher J	Disclosed no conflict of interest.
Camacho, Julio	Disclosed no conflict of interest.
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Cameron, Emily G	Disclosed no conflict of interest.
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Cammisa, Frank P^b	1: Accelus; 3B: Spine Biopharma, LLC, Accelus; 4: 4WEB Medical/4WEB, Inc, Healthpoint Capital Partners, LP, ISPH II, LLC, ISPH 3 Holdings, LLC;, Ivy Healthcare Capital Partners, LLC, Medical Device Partners II, LLC, Medical Device Partners III, LLC, Orthobond Corporation, Spine Biopharma, LLC, Tissue Differentiation Intelligence, LLC, Tissue Connect Systems, Inc, VBVP VI, LLC, VBVP X, LLC, Woven Orthopedics Technologies; 5: 4WEB Medical/4WEB, Inc, Camber Spine, Choice Spine, DePuy Synthes, Centinel Spine, Royal Biologics; 9: Healthpoint Capital Partners, Orthobond Corporation, Spine Biopharma, LLC, Woven Orthopedic Technologies.
Campano, Dominic	Disclosed no conflict of interest.
Campbell, Breanna	Disclosed no conflict of interest.
Campbell, Nathan	Disclosed no conflict of interest.
Campbell, Nathan WC	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Campbell, Peter	Disclosed no conflict of interest.
Camporesi, Enrico	Disclosed no conflict of interest.
Campos, Leonardo	Disclosed no conflict of interest.
Camus, Anne	Disclosed no conflict of interest.
Cannon, Jeremy	Disclosed no conflict of interest.
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Canton, Stephen P	Disclosed no conflict of interest.
Canturk, Lidya	Disclosed no conflict of interest.
Canuas-Landero, Victor G	Disclosed no conflict of interest.
Cao, Chike	Disclosed no conflict of interest.
Cao, Kathy B	Disclosed no conflict of interest.
Cao, Mingde	Disclosed no conflict of interest.
Cao, Qin Cara	Disclosed no conflict of interest.
Cao, Youliang	Disclosed no conflict of interest.
Caparaso, Sydney M	Disclosed no conflict of interest.
Capellini, Terence D	Disclosed no conflict of interest.
Capobianco, Christina	Disclosed no conflict of interest.
Capozzi, James	Disclosed no conflict of interest.
Carballo, Camila B.	Disclosed no conflict of interest.
Carcia, Austin	Disclosed no conflict of interest.
Cardenas, Ashley	Disclosed no conflict of interest.
Carey, Edward G	Disclosed no conflict of interest.
Carey-Ewend, Abigail G	Disclosed no conflict of interest.
Carinha, Michael	Disclosed no conflict of interest.
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Carlos, Rivera-Peraza	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Carlson, Brandon	Disclosed no conflict of interest.
Carlson, Jaclyn A	Disclosed no conflict of interest.
Carmouche, Jonathan J.	Disclosed no conflict of interest.
Carollo, James J	Disclosed no conflict of interest.
Carr, Angelica	Disclosed no conflict of interest.
Carrillo, Ricardo AR	Disclosed no conflict of interest.
Carrino, John	Disclosed no conflict of interest.
Carrizo, Juan Diego	Disclosed no conflict of interest.
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Carroll, Eben A.^b	1: Globus Medical; 2: AO Foundation, AO North America, DePuy, Globus Medical, Smith & Nephew, Synthes; 3B: DePuy, Globus Medical, Smith & Nephew, Synthes; 5: AO North America, DePuy, Smith & Nephew, Synthes; 6: AO Foundation, AO North America, DePuy, Smith & Nephew, Synthes; 9: AO North America, Orthopaedic Trauma Association.
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Carroll, Madeline	Disclosed no conflict of interest.
Carry, Patrick M	Disclosed no conflict of interest.
Carsen, Sasha	Disclosed no conflict of interest.
Carstens, Mason	Disclosed no conflict of interest.
Carstens, Mason F.	Disclosed no conflict of interest.
Carter, Adam	Disclosed no conflict of interest.
Carter, Erin	Disclosed no conflict of interest.
Carter, Jayden	Disclosed no conflict of interest.
Carter, John	Disclosed no conflict of interest.
Carter, John D	Disclosed no conflict of interest.
Carter, Michael	Disclosed no conflict of interest.
Carter, Michael V	Disclosed no conflict of interest.
Carugo, Dario	Disclosed no conflict of interest.

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Carvalho, Kepler	Disclosed no conflict of interest.
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Castro, Rio G.	Disclosed no conflict of interest.
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Cauadra, Mario	Disclosed no conflict of interest.
Caudle, Krysta	Disclosed no conflict of interest.
Caudle, Robert	Disclosed no conflict of interest.
Caus, Sandi	Disclosed no conflict of interest.
Cavanagh, Brenton L	Disclosed no conflict of interest.
Cavinatto, Leonardo	Disclosed no conflict of interest.
Cederman, Matthew R	Disclosed no conflict of interest.
Cedin, Luisa	Disclosed no conflict of interest.
Cekuc, Mehmet Sertac	Disclosed no conflict of interest.
Celik, Melih	Disclosed no conflict of interest.
Cella, Nicholas	Disclosed no conflict of interest.
Cevallos, Nicolas	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Cha, Ryota	Disclosed no conflict of interest.
Chacko, Jonathan	Disclosed no conflict of interest.
Chahal, Sundeep	Disclosed no conflict of interest.
Chahine, Nadeen^b	9: ORS BOD.
Chahine, Nadeen^b	9: ORS.
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Chai, Yuan	Disclosed no conflict of interest.
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Chan, Kelly	Disclosed no conflict of interest.
Chan, Pamela A	Disclosed no conflict of interest.
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Chandra, Muktesh	Disclosed no conflict of interest.
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Chandrashekar, Anoop	Disclosed no conflict of interest.
Chang, Alexander	Disclosed no conflict of interest.
Chang, Alison H	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Chang, Audrey Y	Disclosed no conflict of interest.
Chang, David C	Disclosed no conflict of interest.
Chang, Eric	Disclosed no conflict of interest.
Chang, Gregory	Disclosed no conflict of interest.
Chang, Je-Ken	Disclosed no conflict of interest.
Chang, Ling-Hua	Disclosed no conflict of interest.
Chang, Nicole	Disclosed no conflict of interest.
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Chang, Wenteh	Disclosed no conflict of interest.
Chang, Young-Hui	Disclosed no conflict of interest.
Changoor, Adele	Disclosed no conflict of interest.
Changoor, Stuart	Disclosed no conflict of interest.
Chao, Christina	Disclosed no conflict of interest.
Chao, Jessica	Disclosed no conflict of interest.
Chao, Ma	Disclosed no conflict of interest.
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Chapman, Kenneth B^b study.	5: Received research sponsorship from Abbott on separate unrelated
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Charles, Julia F.	Disclosed no conflict of interest.
Charles, Shaquille	Disclosed no conflict of interest.
Chasan, Safak	Disclosed no conflict of interest.
Chastain, Kalle	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Chatterjee, Srijan	Disclosed no conflict of interest.
Chau, Kelley	Disclosed no conflict of interest.
Chauhan, Dhun	Disclosed no conflict of interest.
Chauvin, Brad	Disclosed no conflict of interest.
Chavda, Hetsinhji	Disclosed no conflict of interest.
Chavez, Melissa	Disclosed no conflict of interest.
Chavez-Arellano, Joshua	Disclosed no conflict of interest.
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Chawla, Shikha	Disclosed no conflict of interest.
Che, Lam Vien	Disclosed no conflict of interest.
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Chee, Ruey Horng	Disclosed no conflict of interest.
Cheema, Karandeep	Disclosed no conflict of interest.
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Chen, Albert C	Disclosed no conflict of interest.
Chen, Anthony A.D.	Disclosed no conflict of interest.
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Chen, Candice^b	3A: Candice Chen.
Chen, Chong	Disclosed no conflict of interest.
Chen, Chung-Hwan	Disclosed no conflict of interest.
Chen, Daniel	Disclosed no conflict of interest.
Chen, Daoyun	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Chen, De	Disclosed no conflict of interest.
Chen, Gang	Disclosed no conflict of interest.
Chen, Grace Q	Disclosed no conflict of interest.
Chen, Hao	Disclosed no conflict of interest.
Chen, Ivette	Disclosed no conflict of interest.
Chen, Jayden	Disclosed no conflict of interest.
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Chen, Peng	Disclosed no conflict of interest.
Chen, Peter J	Disclosed no conflict of interest.
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Chen, Ssu Chi	Disclosed no conflict of interest.
Chen, Stephen	Disclosed no conflict of interest.
Chen, Tianyu	Disclosed no conflict of interest.
Chen, Tony	Disclosed no conflict of interest.
Chen, Tony Lin-Wei	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Chen, Weiqiang	Disclosed no conflict of interest.
Chen, Yan	Disclosed no conflict of interest.
Chen, Yanshi	Disclosed no conflict of interest.
Chen, Ya-Wen	Disclosed no conflict of interest.
Chen, Yidan	Disclosed no conflict of interest.
Chen, Yitong	Disclosed no conflict of interest.
Chen, Yuan-Hsin	Disclosed no conflict of interest.
Chen, Yujianan	Disclosed no conflict of interest.
Chenard, Stephen	Disclosed no conflict of interest.
Cheng, Charlee	Disclosed no conflict of interest.
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Cheng, Huan	Disclosed no conflict of interest.
Cheng, Katie	Disclosed no conflict of interest.
Cheng, Mei-Hsin	Disclosed no conflict of interest.
Cheng, Xin	Disclosed no conflict of interest.
Cheng, Zhi	Disclosed no conflict of interest.
Cheng, Zhifeng	Disclosed no conflict of interest.
Cheng, Zhiliang	Disclosed no conflict of interest.
Chenna, Srish	Disclosed no conflict of interest.
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Chenna, Srish S	Disclosed no conflict of interest.
Cherian, Nathan J	Disclosed no conflict of interest.
Cherief, Masnsen	Disclosed no conflict of interest.
Cheung, Catherine	Disclosed no conflict of interest.
Cheung, Wing Hoi	Disclosed no conflict of interest.
Cheung, Wing-Hoi	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Chiapparelli, Erika A	Disclosed no conflict of interest.
Chiba, Tomoki	Disclosed no conflict of interest.
Chiba, Yusuke	Disclosed no conflict of interest.
Chiba, Yuto	Disclosed no conflict of interest.
Chiesa, Irene	Disclosed no conflict of interest.
Chihab, Samir	Disclosed no conflict of interest.
Chikuda, Hirotaka	Disclosed no conflict of interest.
Childress, Luke	Disclosed no conflict of interest.
Chilukuri, Srihar	Disclosed no conflict of interest.
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Cho, Samuel K^b	3B: Stryker; 6: Cerapedics; 7A: Globus Medical; 9: AAOS, American Orthopaedic Association, AOSpine North America, Cervical Spine Research Society, North American Spine Society, Scoliosis Research Society.
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^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Author disclosures as of August 2024



Cho, Thomas	Disclosed no conflict of interest.
Cho, Yoon Joo	Disclosed no conflict of interest.
Choe, Hyonmin	Disclosed no conflict of interest.
Choe, Hyonmin^b Research.	9: The Journal of Orthopaedics Science and Journal of Orthopaedics
Choe, Regine	Disclosed no conflict of interest.
Choe, Youngeun	Disclosed no conflict of interest.
Choi, Byung Sun	Disclosed no conflict of interest.
Choi, Jeongmoon J.	Disclosed no conflict of interest.
Choi, Joohee	Disclosed no conflict of interest.
Choi, Jung Hyun	Disclosed no conflict of interest.
Choi, Seo-Yeon	Disclosed no conflict of interest.
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Chokshi, Sanjna	Disclosed no conflict of interest.
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Chong, David	Disclosed no conflict of interest.
Chonweerawong, Adinai	Disclosed no conflict of interest.
Chopra, Avani A	Disclosed no conflict of interest.
Chopra, Krishna N.	Disclosed no conflict of interest.
Choquette, Rebecca	Disclosed no conflict of interest.
Chosa, Etsuo	Disclosed no conflict of interest.
Chou, Ya-Shuan	Disclosed no conflict of interest.
Choubey, Apurva	Disclosed no conflict of interest.
Choudhari, Malvika	Disclosed no conflict of interest.
Choudhary, Soham	Disclosed no conflict of interest.
Choudhury, Ankit	Disclosed no conflict of interest.
Chow, Ho Ming	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Chow, Simon	Disclosed no conflict of interest.
Chow, Simon K	Disclosed no conflict of interest.
Chow, Simon Kwoon-Ho	Disclosed no conflict of interest.
Chrea, Bopha	Disclosed no conflict of interest.
Chreiman, Kristen	Disclosed no conflict of interest.
Chris, Schaffer B	Disclosed no conflict of interest.
Christ, Alexander B.	Disclosed no conflict of interest.
Christiansen, Blaine A	Disclosed no conflict of interest.
Christofides, Sarah	Disclosed no conflict of interest.
Christos, Paul	Disclosed no conflict of interest.
Chrulski, Kenneth	Disclosed no conflict of interest.
Chu, Alice	Disclosed no conflict of interest.
Chu, Chenghan	Disclosed no conflict of interest.
Chu, Cong-Qiu	Disclosed no conflict of interest.
Chu, Constance	Disclosed no conflict of interest.
Chu, Constance R	Disclosed no conflict of interest.
Chu, Tiankuo	Disclosed no conflict of interest.
Chuang, Er-Yuan	Disclosed no conflict of interest.
Chuang, Shu-Chun	Disclosed no conflict of interest.
Chubb, Laura	Disclosed no conflict of interest.
Chubinskaya, Susanna	Disclosed no conflict of interest.
Chugg, Camron	Disclosed no conflict of interest.
Chundi, Gnaneswar	Disclosed no conflict of interest.
Chung, Juliet	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Ci, Haochen	Disclosed no conflict of interest.
Cicione, Claudia	Disclosed no conflict of interest.
Cimino, Amanda	Disclosed no conflict of interest.
Cimney, Kaitlyn	Disclosed no conflict of interest.
Cinque, Mark E.	Disclosed no conflict of interest.
Ciola, Jason	Disclosed no conflict of interest.
Cione, Nicholas J	Disclosed no conflict of interest.
Cirino, Carl	Disclosed no conflict of interest.
Cisneros, Christian	Disclosed no conflict of interest.
Ciufo, David J.	Disclosed no conflict of interest.
Claravall, Lauren	Disclosed no conflict of interest.
Clarck, Jonathan R.	Disclosed no conflict of interest.
Clark, Carey	Disclosed no conflict of interest.
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Clark, Jonathan	Disclosed no conflict of interest.
Clark, Kelsey A	Disclosed no conflict of interest.
Clark, Makayla	Disclosed no conflict of interest.
Clark, Sean	Disclosed no conflict of interest.
Clark, William	Disclosed no conflict of interest.
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Clemens, Thomas	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Author disclosures as of August 2024



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Coale, Max	Disclosed no conflict of interest.
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Cobb, Justin^b	4: Additive Instruments shareholder.
Cobban, Morgan	Disclosed no conflict of interest.
Cobo, Michael	Disclosed no conflict of interest.
Coden, Gloria^b	8: Journal of Orthopaedic Experience & Innovation.
Coello, Andre	Disclosed no conflict of interest.
Coenen, Michael J	Disclosed no conflict of interest.
Coffin, Megan	Disclosed no conflict of interest.
Cohen, Aaron	Disclosed no conflict of interest.
Cohen, Eric	Disclosed no conflict of interest.
Cohen, Ezra M	Disclosed no conflict of interest.
Cohen, Itai	Disclosed no conflict of interest.
Cohen, William B	Disclosed no conflict of interest.
Coker, Matthew	Disclosed no conflict of interest.
Coker, Matthew A	Disclosed no conflict of interest.
Colbath, Aimee^b Immunotherapeutics.	1: Laporte Immunotherapeutics; 3B: Arthrex; 4: Laporte
Colbath, Aimee C.^b Immunotherapeutics.	3B: Arthrex; 8: Journal of Orthopedic Research; 9: Laporte
Colbrunn, Robb^b	1: Receives or has the right to receive royalty payments for licensing of simVITRO systems sold through Cleveland Clinic Innovations Department.; 7A: Receives or has the right to receive royalty payments for licensing of simVITRO systems sold through Cleveland Clinic Innovations

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Department.; 7B: Receives or has the right to receive royalty payments for licensing of simVITRO systems sold through Cleveland Clinic Innovations Department.

Cole, Brian^b	3B: JRF Ortho.
Cole, Calvin	Disclosed no conflict of interest.
Cole, Jacqueline H	Disclosed no conflict of interest.
Cole, Katelyn	Disclosed no conflict of interest.
Cole, Peter^b	3B: Exactech Inc.
Cole, Sara	Disclosed no conflict of interest.
Coleman, Mitchell	Disclosed no conflict of interest.
Colen, David L	Disclosed no conflict of interest.
Collado, Maya	Disclosed no conflict of interest.
Collier, Christopher	Disclosed no conflict of interest.
Collins, Amber T	Disclosed no conflict of interest.
Collins, Andrew P.	Disclosed no conflict of interest.
Collins, Angela	Disclosed no conflict of interest.
Collins, Emilie C	Disclosed no conflict of interest.
Collins, John	Disclosed no conflict of interest.
Collins, Joseph M.	Disclosed no conflict of interest.
Collins, Kelsey	Disclosed no conflict of interest.
Collins, Kelsey H	Disclosed no conflict of interest.
Collis, Graham N	Disclosed no conflict of interest.
Collopy, Dermot^b	3B: Stryker.
Coltoff, Emma C	Disclosed no conflict of interest.
Colville, Marshall	Disclosed no conflict of interest.
Como, Christopher	Disclosed no conflict of interest.
Como, Matthew	Disclosed no conflict of interest.
Cone, Stephanie G	Disclosed no conflict of interest.

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Cong, Lin	Disclosed no conflict of interest.
Cong, Ting^b	9: Sustain Surgical Inc., Kondral Tech Inc.
Cong, Ting^b	4: Sustain Surgical Inc., Kondral Tech Inc.
Conley, Caitlin E.	Disclosed no conflict of interest.
Conley, Reginald	Disclosed no conflict of interest.
Connelly, Stephen	Disclosed no conflict of interest.
Connizzo, Brianne K	Disclosed no conflict of interest.
Connors, Katherine M.	Disclosed no conflict of interest.
Conorr, Kleweno P	Disclosed no conflict of interest.
Conrad, Ernest^b	5: SARC.
Consolini, Jack	Disclosed no conflict of interest.
Constantine, Evangelia	Disclosed no conflict of interest.
Conway, Alex^b	3B: Moriana Innovations.
Conway, Jordan C^b	1: OssDsign AB; 3A: OssDsign AB.
Cook, Brandon^b	3C: Acuity Surgical.
Cook, Cristi R^b	1: Arthrex, MTF; 2: Arthrex, Collagen Matrix, MTF; 3B: Arthrex, Collagen Matrix, MTF; 5: Arthrex, Zimmer, Collagen Matrix, MTF.
Cook, Crystal^b	1: Arthrex, CMI, MTF; 2: Arthrex, CMI, MTF.
Cook, James L^b	1: AANA, AO Trauma, Arthrex, CMI, GE Healthcare, MTF, NIH NIAMS/NICHD, OTA, OREF, PCORI, Regenosine, SITES Medical, US DoD; 2: Arthrex, MTF; 5: Arthrex, MTF; 7B: Thieme; 9: JKS, MTN, MTF.
Cook, Jill	Disclosed no conflict of interest.
Cook, Roy F	Disclosed no conflict of interest.
Cooper, Ella	Disclosed no conflict of interest.
Cooper, Kinyata J.	Disclosed no conflict of interest.
Coorapati, Shashank	Disclosed no conflict of interest.
Copeland, Ellie	Disclosed no conflict of interest.

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Copeland, Michael	Disclosed no conflict of interest.
Copp, Elizabeth	Disclosed no conflict of interest.
Corbascio, Tova	Disclosed no conflict of interest.
Corbin, Jesse	Disclosed no conflict of interest.
Cordero Romero, Maria	Disclosed no conflict of interest.
Corman, Samantha	Disclosed no conflict of interest.
Cornwall, Bryan	Disclosed no conflict of interest.
Cornwall, Roger^b	9: ORS and ASSH.
Cortes, Natalie	Disclosed no conflict of interest.
Costa, Meggin Q	Disclosed no conflict of interest.
Costa, Samantha N	Disclosed no conflict of interest.
Costello, Abigail	Disclosed no conflict of interest.
Cotter, Eric	Disclosed no conflict of interest.
Cottingham, Harrison	Disclosed no conflict of interest.
Cottingham, Harrison M	Disclosed no conflict of interest.
Cottmeyer, Daniel F.	Disclosed no conflict of interest.
Cotton, Kenzo	Disclosed no conflict of interest.
Cottrell, Christiana	Disclosed no conflict of interest.
Coulombe, Jennifer	Disclosed no conflict of interest.
Coutinho, Gustavo H	Disclosed no conflict of interest.
Covello, Matthew	Disclosed no conflict of interest.
Covello, Matthew R	Disclosed no conflict of interest.
Coven, Maks	Disclosed no conflict of interest.
Coveney, Clarissa	Disclosed no conflict of interest.
Coveney, Clarissa R	Disclosed no conflict of interest.
Cox, Lewis M.	Disclosed no conflict of interest.

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Craft, April	Disclosed no conflict of interest.
Craft, April M	Disclosed no conflict of interest.
Cragg, Kyle	Disclosed no conflict of interest.
Crain, Benjamin	Disclosed no conflict of interest.
Crane, John	Disclosed no conflict of interest.
Crasta, Nikitha	Disclosed no conflict of interest.
Crawford, Brooke	Disclosed no conflict of interest.
Crawford, Brooke M^b	2: IlluminOss.
Crawford, Lindsey	Disclosed no conflict of interest.
Crecelius, Cory	Disclosed no conflict of interest.
Credille, Kevin	Disclosed no conflict of interest.
Creemers, Laura	Disclosed no conflict of interest.
Crenshaw, Tom	Disclosed no conflict of interest.
Crepeau, Allison	Disclosed no conflict of interest.
Crisco, J J Trey	Disclosed no conflict of interest.
Crist, Brett^b	1: Globus Medical; 2: Curvafix, DePuy, KCI; 3A: Curvafix, KCI, Synthes; 4: RomTech; 5: Synthes; 6: Arthrex; 8: JHP, JOT, SLACK Incorporated; 9: AOTNA, FFN-USA, IGFS, OTA.
Crist, Brett^b	1: Globus Medical; 2: Curvafix, DePuy, KCI; 3B: Curvafix, KCI, Synthes; 4: RomTech; 5: Synthes; 6: Arthrex; 8: JHP, JOT, SLACK Incorporated; 9: AOTNA, FFN-USA, IGFS, OTA.
Crist, Brett^b	1: Globus Medical; 2: Curvafix, DePuy, KCI; 3B: Curvafix, KCI, Synthes; 4: RomTech; 5: Synthes; 6: Arthrex; 8: JHP, JOT, SLACK Incorporated; 9: AOTNA, FFN:USA, IGFS, OTA.
Crist, Brett D^b	1: Globus Medical; 2: Curvafix, DePuy, KCI; 3B: Curvafix, KCI, Synthes; 4: RomTech; 5: Synthes; 6: Arthrex; 8: JHP, JOT, SLACK Incorporated; 9: AOTNA, FFN:USA, IGFS, OTA.
Crist, Brett D^b	2: Kinetic Concepts, Inc; 3B: Globus Medical; 3C: Osteocentric; 4: Orthopaedic Implant Company, RomTech; 5: KCI, Synthes; 8: J. HP, JOT, SLACK Incorporated; 9: AOTNA, IGFS, OTA.
Crist, Brett D^b	1: Globus Medical; 2: KCI, Curvafix; 3B: Synthes, KCI, Curvafix, DePuy; 3C: Osteocentric, Urgo Medical; 4: RomTech; 5: Synthes; 6: Arthrex; 8: J of Hip Pres, J of Ortho Trauma, SLACK; 9: AO Trauma, Int. Geriatric Fracture Society, Ortho Trauma Assoc., Fragility Fracture Network USA.

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Crockarell, John R^b	4: Heron Therapeutics; 7A: Elsevier.
Croen, Brett	Disclosed no conflict of interest.
Croker, Sean^b	3A: DePuy Synthes; 4: Johnson & Johnson.
Croley, Garrett	Disclosed no conflict of interest.
Cromer, Kirin	Disclosed no conflict of interest.
Cronin, John	Disclosed no conflict of interest.
Cronin, John T	Disclosed no conflict of interest.
Cross, Janelle A	Disclosed no conflict of interest.
Croucher, Kristina M	Disclosed no conflict of interest.
Crowe, Lauren N	Disclosed no conflict of interest.
Cruz, Carlos J.	Disclosed no conflict of interest.
Cruz-Almeida, Yenisel	Disclosed no conflict of interest.
Cruz-Ossa, Natalia	Disclosed no conflict of interest.
Cuadra, Mario	Disclosed no conflict of interest.
Cui, Can	Disclosed no conflict of interest.
Cui, Eric	Disclosed no conflict of interest.
Cui, Quanjun	Disclosed no conflict of interest.
Cui, Yazhou	Disclosed no conflict of interest.
Culler, McKenzie	Disclosed no conflict of interest.
Cung, Michelle	Disclosed no conflict of interest.
Cunningham, Bryan W	Disclosed no conflict of interest.
Cunningham, Matthew E^b	4: Sustain Surgical , Inc.
Curran, Brendan M	Disclosed no conflict of interest.
Curtis, Annie M	Disclosed no conflict of interest.
Curtis, Kevin B	Disclosed no conflict of interest.
Cusanoa25, Antonio	Disclosed no conflict of interest.

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Cushing, Solana	Disclosed no conflict of interest.
Cushman, Terra	Disclosed no conflict of interest.
Cusick, Michael^b Aevumed.	2: Enovis/DJO, Medacta; 3B: Enovis/DJO, Medacta; 3C: Aevumed; 4:
Custers, Roel J.H.	Disclosed no conflict of interest.
Cusumano, Anthony	Disclosed no conflict of interest.
Cutter, Brenden	Disclosed no conflict of interest.
Cvek, Urska	Disclosed no conflict of interest.
Cyndari, Karen	Disclosed no conflict of interest.
Cyrus, John	Disclosed no conflict of interest.
Czachor, Molly E	Disclosed no conflict of interest.
Czarnuch, Stephen	Disclosed no conflict of interest.
D'Amico, Ella	Disclosed no conflict of interest.
D'Amour, Owen	Disclosed no conflict of interest.
D'Apuzzo, Michele^b	2: Zimmer BioMet; 3B: Zimmer BioMet; 5: OREF; 6: AAHKS and OMeGA; 9: Miami Orthopaedic Society, Florida Orthopaedic Society, AAOS and AAHKS.
D'Armour, Owen M	Disclosed no conflict of interest.
D'Erminio, Danielle	Disclosed no conflict of interest.
D'Ippolito, Gianluca	Disclosed no conflict of interest.
D'Lima, Darryl	Disclosed no conflict of interest.
D'Sylva, Katherine	Disclosed no conflict of interest.
Daffinee, Kathryn	Disclosed no conflict of interest.
Dagneaux, Louis	Disclosed no conflict of interest.
Daher, Mohammad	Disclosed no conflict of interest.
Dahlstrom, Cole	Disclosed no conflict of interest.
Dahodwala, Taikhoom	Disclosed no conflict of interest.
Dai, Caihong	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Dai, Henry	Disclosed no conflict of interest.
Dai, Michelle	Disclosed no conflict of interest.
Dailey, Hannah L.^b	4: OrthoXel; 5: OrthoXel; 6: OrthoXel; 9: ORS.
Daley, Dane	Disclosed no conflict of interest.
Dall'Ara, Enrico	Disclosed no conflict of interest.
Dallas-Orr, David	Disclosed no conflict of interest.
Dallman, Johnathan	Disclosed no conflict of interest.
Dalman, Morgan	Disclosed no conflict of interest.
Dalton, Jonathan	Disclosed no conflict of interest.
Daly, Charles	Disclosed no conflict of interest.
Damon, Brooke	Disclosed no conflict of interest.
Damron, Timothy^b	5: Stryker, BoneSupport (Cerament); 6: NIH NCI, OREF/MSTS, Carol Baldwin Breast Cancer Research Fund, Jim and Juli Boeheim Research Fund, William Smyth Fund; 7B: Lippincott Williams & Wilkins, JAAOS (Associate Editor); 8: JAAOS, CORR, JOR, BMC-MSK, PLOS-one, Medicina.
Daneault, Jean-Francois	Disclosed no conflict of interest.
Danelson, Kerry	Disclosed no conflict of interest.
Daneshvar, Yasamin	Disclosed no conflict of interest.
Daneshvarhashjin, Nazanin	Disclosed no conflict of interest.
Daniel, Arens	Disclosed no conflict of interest.
Daniel, Mitch	Disclosed no conflict of interest.
Daniels, Jason	Disclosed no conflict of interest.
Danilkowicz, Richard	Disclosed no conflict of interest.
Danoff, Jonathan R	Disclosed no conflict of interest.
Dansby, Jalen	Disclosed no conflict of interest.
Danyluk, Stephanie T	Disclosed no conflict of interest.
Darby, Fabrizio	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Darden, Kylee	Disclosed no conflict of interest.
Darrell, Megan	Disclosed no conflict of interest.
Darwish, Bassem M	Disclosed no conflict of interest.
Das Gupta, Shuvashis	Disclosed no conflict of interest.
Das, Avilash	Disclosed no conflict of interest.
Dasa, Vinod^b	3C: Maxx Orthopedics.
Dasari, Suhas	Disclosed no conflict of interest.
Dashti, Derek C^b	3A: Derek C. Dashti.
Datto, Gregory	Disclosed no conflict of interest.
Davia, Daniella V	Disclosed no conflict of interest.
David, Mayman^b	1: OrthoAlign, Smith & Nephew; 3B: Stryker; 4: OrthoAlign, Cymedica, Imagen, MyCare Path, Wishbone Medical; 9: Hip Society.
David, Michael A	Disclosed no conflict of interest.
Dauids, Jonathan	Disclosed no conflict of interest.
Davidson, Matthew D	Disclosed no conflict of interest.
Davies, Callie	Disclosed no conflict of interest.
Davila, Yahir A	Disclosed no conflict of interest.
Davis, Alexandria M	Disclosed no conflict of interest.
Davis, Amanda	Disclosed no conflict of interest.
Davis, Jonathan R.	Disclosed no conflict of interest.
Davis, Justin^b	2: Kuros Biosciences; 3B: Kuros Biosciences.
Davis, Sarah	Disclosed no conflict of interest.
Daw, Jordan T	Disclosed no conflict of interest.
Dawar, Abhiram	Disclosed no conflict of interest.
Dawes, Alex	Disclosed no conflict of interest.
Dawit, Layla	Disclosed no conflict of interest.
Day, Jonathan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Day, Wesley^b	8: North American Spine Society Journal Editor of Visual Abstracts.
Dayal, Dev	Disclosed no conflict of interest.
Dayan, Alan	Disclosed no conflict of interest.
Dayan, Jason	Disclosed no conflict of interest.
De Bock, Katrien	Disclosed no conflict of interest.
de Boutray, Marie	Disclosed no conflict of interest.
de Cesar Netto, Cesar^b	3B: Stryker, Ossio; 4: CurveBeam, Tayco Brace; 7A: Paragon 28, Artelon, Zimmer Biomet, Medartis, Nextremity Solutions; 8: Foot & Ankle International, Foot and Ankle Clinics; 9: International Weight Bearing CT Society.
De Klerk², Hendrik	Disclosed no conflict of interest.
de la Vega, Rodolfo^b	9: ORS Committee.
De Los Santos, Maria	Disclosed no conflict of interest.
De Maria, Carmelo	Disclosed no conflict of interest.
De Mesy-Bentley, Karen	Disclosed no conflict of interest.
de Roy, Luisa	Disclosed no conflict of interest.
de Ruijter, Mylene	Disclosed no conflict of interest.
De Silva, Shanika	Disclosed no conflict of interest.
Dean, Michael C	Disclosed no conflict of interest.
Dean, Michael M	Disclosed no conflict of interest.
Dean, Tameka C.	Disclosed no conflict of interest.
DeAngelis, Ryan D	Disclosed no conflict of interest.
Debbi, Eytan^b	3B: Cedars-Sinai Medical Center, Depuy Synthes, Eldano, Ortho Development Corp.; 4: Surgeonest; 9: Think Surgical Inc.
Debeer, Philipe	Disclosed no conflict of interest.
DeBiase, Lucas	Disclosed no conflict of interest.
Debnath, Shawon	Disclosed no conflict of interest.
Debski, Richard^p	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Debski, Richard E	Disclosed no conflict of interest.
DeCicco, Tessa	Disclosed no conflict of interest.
Decker, Michael	Disclosed no conflict of interest.
Deckey, David	Disclosed no conflict of interest.
Deepak, Shweta	Disclosed no conflict of interest.
Dees, Aaron	Disclosed no conflict of interest.
DeFrate, Louis E^b	8: Journal of Biomechanics, Journal of Orthopaedic Research, The American Journal of Sports Medicine.
DeFrino, Paul^b	5: Tyber Medical LLC.
DeFroda, Steven^b	2: AO North America; 3B: Stryker; 5: Arthrex; 6: Springer; 7B: Springer; 8: Arthroscopy; 9: Arthroscopy Assoc. of N. America.
Degen, Ryan M	Disclosed no conflict of interest.
Deguchi, Syo	Disclosed no conflict of interest.
Dehghani, Bijan	Disclosed no conflict of interest.
Deickert, Josephina	Disclosed no conflict of interest.
Deiter, Gina	Disclosed no conflict of interest.
DeJulius, Carlisle	Disclosed no conflict of interest.
del Álamo, Juan C	Disclosed no conflict of interest.
Del Rio, Patricia	Disclosed no conflict of interest.
Del Valle, Lily	Disclosed no conflict of interest.
Delaney, Lauren J^b	5: Lantheus Medical Imaging; 8: Journal of Ultrasound in Medicine.
Delco, Michelle^b	5: Study funded in part by Cervos Medical Company.
Deliwala, Ishani H	Disclosed no conflict of interest.
Della Bella, Elena	Disclosed no conflict of interest.
Della Rocca, Gregory J^b	1: Wright Medical Technology; 4: Mergenet, The Orthopaedic Implant Company; 8: Geriatric Orthopaedic Surgery and Rehabilitation, Journal of Orthopaedic Trauma; 9: AAOS, American College of Surgeons, American Orthopaedic Association, AOTrauma, Orthopaedic Trauma Association, Association of Bone and Joint Surgeons.

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Author disclosures as of August 2024



Delmonte, Rick	Disclosed no conflict of interest.
Delsmann, Julian	Disclosed no conflict of interest.
DeMambro, Victoria E	Disclosed no conflict of interest.
Deming, Nathan	Disclosed no conflict of interest.
Demolder, Sofia	Disclosed no conflict of interest.
Demopoulos, Antonia	Disclosed no conflict of interest.
Dempsey, Ian	Disclosed no conflict of interest.
Deng, Gang	Disclosed no conflict of interest.
Deng, Grace	Disclosed no conflict of interest.
Deng, Zhuo	Disclosed no conflict of interest.
Dengjel, Joern	Disclosed no conflict of interest.
Denny, Christian T^b	4: CollaMedix.
DeNovio, Anthony C	Disclosed no conflict of interest.
DeOrio, James K.^b	1: EXACTECH, Inc; 3B: Treace Medical Concepts, EXACTECH Inc.
DePhillips, Jason^b	3A: Globus Medical.
Derector, Evan	Disclosed no conflict of interest.
Deren, Matthew^b	3B: Brasseler.
Dervin, Geoffrey F.^b	3C: Zimmer-Biomet, Depuy Synthes; 5: Microport Orthopedics Inc.
Desai, Purvi	Disclosed no conflict of interest.
Desai, Salomi	Disclosed no conflict of interest.
DeSarno, Michael	Disclosed no conflict of interest.
Deshmukh, Tanisha	Disclosed no conflict of interest.
Desrochers, Clarie C	Disclosed no conflict of interest.
Desrosiers, Jessyka	Disclosed no conflict of interest.
Detels, Kelsey	Disclosed no conflict of interest.
Devan, Jan	Disclosed no conflict of interest.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Devarapalli, Varsha	Disclosed no conflict of interest.
Deveza, Lorenzo^b	3B: consultant agreement with Lento Medical.
Deveza, Lorenzo^b work.	4: L. Deveza is a shareholder in Lento Medical Inc., unrelated to this work.
Devi, Ilakiya	Disclosed no conflict of interest.
Devoy, Eoin	Disclosed no conflict of interest.
Dewani, Mahima	Disclosed no conflict of interest.
Dey-Hazra, Rony	Disclosed no conflict of interest.
Dhafer, Yasmine	Disclosed no conflict of interest.
Dhand, Abhishek P	Disclosed no conflict of interest.
Dhillon, Amritjot	Disclosed no conflict of interest.
Dhillon, Simaron	Disclosed no conflict of interest.
Dhodapkar, Meera M	Disclosed no conflict of interest.
Di Gangi, Catherine	Disclosed no conflict of interest.
Diabanza, Cynthia	Disclosed no conflict of interest.
Dias, Beatriz	Disclosed no conflict of interest.
Dias, Shaquille	Disclosed no conflict of interest.
Diatto, Fortunay H.	Disclosed no conflict of interest.
Diaz Hernandez, Martha Elena	Disclosed no conflict of interest.
Diaz, Miguel A	Disclosed no conflict of interest.
Diaz, Rodrigo^b	3A: DePuy Synthes; 4: Johnson & Johnson.
Dibbern, Kevin^b	9: Awards Chair - Gait and Clinical Motion Analysis Society.
DiCarlo, Edward	Disclosed no conflict of interest.
Didier, Alexander J	Disclosed no conflict of interest.
Didier, Hannouche	Disclosed no conflict of interest.
Diederichs, Solvig	Disclosed no conflict of interest.
Diekman, Brian O^b	5: Arrivo BioVentures; 8: Connective Tissue Research.

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Diep, Phong^b	3A: Exactech.
Diep, Quyen M	Disclosed no conflict of interest.
Dierking, George	Disclosed no conflict of interest.
Dieterich, Sandra	Disclosed no conflict of interest.
Dietrich, Alexa N	Disclosed no conflict of interest.
Dietz, Matthew^b Medical, Peptilogics.	3B: Heraeus Medical; 3C: Peptilogics; 4: Peptilogics; 5: Heraeus
DiGangi, Catherine	Disclosed no conflict of interest.
Dilorio, Sarah E	Disclosed no conflict of interest.
Dilek, Yeter	Disclosed no conflict of interest.
Dilger, Oliver B.	Disclosed no conflict of interest.
Dilimulati, Yimiti	Disclosed no conflict of interest.
Dinelle, Katie	Disclosed no conflict of interest.
DiNenna, Michael	Disclosed no conflict of interest.
Dines, David M^b ASES.	3B: Zimmer Biomet; 7A: Thieme, Zimmer Biomet; 8: Springer; 9: AAOS,
Dines, Joshua^b	1: Arthrex, Inc, Linvatec, Thieme, Wolters Kluwer Health - Lippincott Williams & Wilkins; 3B: Arthrex, Inc.; 4: ViewFi; 5: Arthrex, Inc; 6: Thieme; 9: American Shoulder and Elbow Surgeons.
Ding, Jing	Disclosed no conflict of interest.
Dingler, Caroline	Disclosed no conflict of interest.
Dinh, Ethan	Disclosed no conflict of interest.
Dintheer, Alina	Disclosed no conflict of interest.
Diop, Khady	Disclosed no conflict of interest.
DiPaola, Matthew^b	7B: Elsevier.
DiResta, Gene R	Disclosed no conflict of interest.
Dirk, Larson	Disclosed no conflict of interest.
Disantis, Ashley E.^b	3A: UPMC.

^b Indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

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Disch, Alexander C.	Disclosed no conflict of interest.
DiStefano, Michael S	Disclosed no conflict of interest.
DiStefano, Steven	Disclosed no conflict of interest.
Distler, Kyle	Disclosed no conflict of interest.
Distler, Oliver	Disclosed no conflict of interest.
Divine, George	Disclosed no conflict of interest.
Divine, George W.	Disclosed no conflict of interest.
Dixon, Derek	Disclosed no conflict of interest.
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Doan, Thanh	Disclosed no conflict of interest.
Dobson, Cale	Disclosed no conflict of interest.
Doddridge, Jacob R	Disclosed no conflict of interest.
Dodyim, Natthiwan	Disclosed no conflict of interest.
Doehrmann, Ross	Disclosed no conflict of interest.
Dogru, Sedat	Disclosed no conflict of interest.
Dohm, Michael	Disclosed no conflict of interest.
Dokmeci, Mehmet	Disclosed no conflict of interest.
Dole, Neha	Disclosed no conflict of interest.
Domenighetti, Andrea (Andy)	Disclosed no conflict of interest.
Dominguez, Manuela	Disclosed no conflict of interest.
Dominic, Gehweiler	Disclosed no conflict of interest.
Donahue, Henry J.	Disclosed no conflict of interest.
Donaldson, Nathan J	Disclosed no conflict of interest.
Donaldson, William	Disclosed no conflict of interest.
Dong, Wenji	Disclosed no conflict of interest.

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All relevant financial relationships have been mitigated.

Author disclosures as of August 2024



Dong, Xudong	Disclosed no conflict of interest.
Dong, Yufeng	Disclosed no conflict of interest.
Donn, Samuel	Disclosed no conflict of interest.
Donnelly, Emma	Disclosed no conflict of interest.
Donnelly, Eve	Disclosed no conflict of interest.
Donner, Stefanie	Disclosed no conflict of interest.
Donneys, Alexis	Disclosed no conflict of interest.
Doolittle, Madison	Disclosed no conflict of interest.
Dopke, Campbell	Disclosed no conflict of interest.
Dorais, Connor J	Disclosed no conflict of interest.
Dornan, Grant	Disclosed no conflict of interest.
Doro, Miranda K	Disclosed no conflict of interest.
Dort, Trinity	Disclosed no conflict of interest.
Dos Santos, Ricardo	Disclosed no conflict of interest.
Doshi, Rushabh	Disclosed no conflict of interest.
Doube, Michael	Disclosed no conflict of interest.
Dougherty, Conor	Disclosed no conflict of interest.
Dougherty, Honarah	Disclosed no conflict of interest.
Dourdourekas, Jake	Disclosed no conflict of interest.
Dowley, Kieran	Disclosed no conflict of interest.
Dowley, Kieran S	Disclosed no conflict of interest.
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Author disclosures as of August 2024



RTI, Terumo, Zimmer; 8: American Journal of Sports Medicine; 9: AAOS, AOSSM, Arthroscopy Association of North America.

Drake, Brett	Disclosed no conflict of interest.
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Drazan, John	Disclosed no conflict of interest.
Drazan, John F	Disclosed no conflict of interest.
Drees, Riley	Disclosed no conflict of interest.
Drees, Summer M	Disclosed no conflict of interest.
Dreiner, Maren	Disclosed no conflict of interest.
Driggs, Ammon	Disclosed no conflict of interest.
Driscoll, Mark	Disclosed no conflict of interest.
Driscoll, Tristan	Disclosed no conflict of interest.
Driskell, Ryan	Disclosed no conflict of interest.
Drissi, Hicham	Disclosed no conflict of interest.
Drohat, Philip	Disclosed no conflict of interest.
Drost, Josh	Disclosed no conflict of interest.
Drumm, Amelia H	Disclosed no conflict of interest.
Drummond Junior, Mauricio	Disclosed no conflict of interest.
Drummond, Mauricio	Disclosed no conflict of interest.
Du, Jiang	Disclosed no conflict of interest.
Du, Jie	Disclosed no conflict of interest.
Du, Xiaoqing	Disclosed no conflict of interest.
Duah, Bianca A	Disclosed no conflict of interest.
Duan, Peng	Disclosed no conflict of interest.
Dubacher, Nicolo	Disclosed no conflict of interest.
Dube, Pratibha	Disclosed no conflict of interest.
Dubovan, Paul	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Dudli, Stefan	Disclosed no conflict of interest.
Duey, Akiro	Disclosed no conflict of interest.
Duey, Akiro H	Disclosed no conflict of interest.
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Dunn, Warren R	Disclosed no conflict of interest.
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Durbin, Jackson	Disclosed no conflict of interest.
Duren, Dana L	Disclosed no conflict of interest.
Durgam, Sushmitha	Disclosed no conflict of interest.

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Durnwald, Celeste	Disclosed no conflict of interest.
Durst, Caleb	Disclosed no conflict of interest.
Durst, Caleb R	Disclosed no conflict of interest.
Duszak, Joseph	Disclosed no conflict of interest.
Duvall, Craig	Disclosed no conflict of interest.
Duvvi, Anisha	Disclosed no conflict of interest.
Dvorsky, Jenna	Disclosed no conflict of interest.
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Dykes, Carsyn	Disclosed no conflict of interest.
Dyment, Nathaniel	Disclosed no conflict of interest.
Dyment, Nathaniel A.	Disclosed no conflict of interest.
Dyson, Gabby	Disclosed no conflict of interest.
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Elias, John J	Disclosed no conflict of interest.
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Emara, Ahmed K.	Disclosed no conflict of interest.
Embree, Mildred	Disclosed no conflict of interest.
Emery, Roger	Disclosed no conflict of interest.
Emerzian, Shannon	Disclosed no conflict of interest.
Emerzian, Shannon R	Disclosed no conflict of interest.
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Entezari, Vahid	Disclosed no conflict of interest.
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Epure, Laura	Disclosed no conflict of interest.
Erasvar, Necati	Disclosed no conflict of interest.
Erbay, Leila	Disclosed no conflict of interest.
Erdemir, Ahmet	Disclosed no conflict of interest.
Eren, Emre	Disclosed no conflict of interest.

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Ergul, Yasemin S	Disclosed no conflict of interest.
Ergul, Yasemin Sude	Disclosed no conflict of interest.
Erhard, Cosima	Disclosed no conflict of interest.
Erickson, Anjeza	Disclosed no conflict of interest.
Erickson, Tyler^b	3A: Exactech.
Ernst, Brady	Disclosed no conflict of interest.
Ersland, Erik	Disclosed no conflict of interest.
Ersland, Erik E	Disclosed no conflict of interest.
Ertugral, Elif	Disclosed no conflict of interest.
Eskandari, Zahra	Disclosed no conflict of interest.
Eskelinen, Atte	Disclosed no conflict of interest.
Esparza, Estefania	Disclosed no conflict of interest.
Espinoza Orias, Alejandro	Disclosed no conflict of interest.
Esfarili, Arezoo	Disclosed no conflict of interest.
Esfarilian, Amir	Disclosed no conflict of interest.
Essaidi, Maha	Disclosed no conflict of interest.
Esther, Wehrle	Disclosed no conflict of interest.
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Evans, Nick	Disclosed no conflict of interest.
Evans, Thos	Disclosed no conflict of interest.
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Evenski, Andrea	Disclosed no conflict of interest.
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Eward, William	Disclosed no conflict of interest.
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Ezeonu, Teeto	Disclosed no conflict of interest.
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Fagan, Margaret	Disclosed no conflict of interest.
Fagerström, Martin	Disclosed no conflict of interest.
Failla, Matthew	Disclosed no conflict of interest.
Fainor, Matthew	Disclosed no conflict of interest.
Faisal, Tanvir	Disclosed no conflict of interest.
Fakih, Mustafa	Disclosed no conflict of interest.
Falgons, Christian G	Disclosed no conflict of interest.
Fallahi, Sahand	Disclosed no conflict of interest.
Fallon, Andrew	Disclosed no conflict of interest.
Fan, Di	Disclosed no conflict of interest.
Fan, Jingzhi	Disclosed no conflict of interest.
Fan, Mingyue	Disclosed no conflict of interest.
Fan, Xinbin	Disclosed no conflict of interest.
Fan, Yingfang	Disclosed no conflict of interest.
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Fang, Fei	Disclosed no conflict of interest.
Fang, Lih-Ru	Disclosed no conflict of interest.
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Farber, Charles R	Disclosed no conflict of interest.
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Farnsworth, Christine L.	Disclosed no conflict of interest.
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Fearing, Bailey	Disclosed no conflict of interest.
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Feeley, Brian	Disclosed no conflict of interest.

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Felan, Nicholas A.	Disclosed no conflict of interest.
Feldmeier, Anna-Lotta	Disclosed no conflict of interest.
Felipe, Jack	Disclosed no conflict of interest.
Felkner, Jack R	Disclosed no conflict of interest.
Feller, Herman	Disclosed no conflict of interest.
Feng, Hong C	Disclosed no conflict of interest.
Feng, Lu	Disclosed no conflict of interest.
Feng, Peng	Disclosed no conflict of interest.
Feng, Yi	Disclosed no conflict of interest.
Ferbert, Thomas	Disclosed no conflict of interest.
Ferguson, Ben	Disclosed no conflict of interest.
Ferguson, Ellie	Disclosed no conflict of interest.
Ferguson, Virginia	Disclosed no conflict of interest.
Fernandez-Perez, Antonio	Disclosed no conflict of interest.
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Fida, Kiran	Disclosed no conflict of interest.
Fidai, Alikhan	Disclosed no conflict of interest.
Fiedler, Benjamin	Disclosed no conflict of interest.
Fiedler, Goeran	Disclosed no conflict of interest.
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Figel, Felizitas	Disclosed no conflict of interest.
Figueroa Romero, Gerardo	Disclosed no conflict of interest.
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Figueroa, Alonso Figueroa	Disclosed no conflict of interest.
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Finger, Logan E	Disclosed no conflict of interest.
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Firoozabadi, Reza	Disclosed no conflict of interest.
Fischenich, Kristine	Disclosed no conflict of interest.
Fischer, Alfons	Disclosed no conflict of interest.
Fischer, Julia	Disclosed no conflict of interest.
Fischer, Marilee	Disclosed no conflict of interest.
Fisher, Mark	Disclosed no conflict of interest.
Fisher, Matthew	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Fisher, Matthew B.	Disclosed no conflict of interest.
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Fitzpatrick, Clare	Disclosed no conflict of interest.
Fitzpatrick, Clare K.	Disclosed no conflict of interest.
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Florea, Cristina	Disclosed no conflict of interest.
Flores Perez, Andrea Sofia	Disclosed no conflict of interest.
Flores Perez, Paula	Disclosed no conflict of interest.
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Fong, Scott	Disclosed no conflict of interest.

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Fox, Jacob A	Disclosed no conflict of interest.
Fox, James	Disclosed no conflict of interest.
Fox, Joseph	Disclosed no conflict of interest.
Fox, Michael	Disclosed no conflict of interest.
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Franchin, Amelia	Disclosed no conflict of interest.
Frangie, Robert	Disclosed no conflict of interest.
Frank, Cammisa P^b	1: Accelus; 3B: Spine Biopharma, LLC, Accelus; 4: 4WEB Medical/4WEB, Inc, Healthpoint Capital Partners, LP, ISPH II, LLC, ISPH 3 Holdings, LLC, Ivy Healthcare Capital Partners, LLC, Medical Device Partners II, LLC, Medical Device Partners III, LLC, Orthobond Corporation; Spine Biopharma, LLC, Tissue Differentiation Intelligence, LLC, Tissue Connect Systems, Inc, VBVP VI, LLC; VBVP X, LLC, Woven Orthopedics Technologies; 5: 4WEB Medical/4WEB, Inc, Camber Spine, Choice Spine, DePuy Synthes, Centinel Spine, Royal Biologics; 9: Healthpoint Capital Partners, Medical Device Partners II, LLC, Orthobond Corporation, Spine Biopharma, LLC, Woven Orthopedic Technologies.
Frank, Rachel^b	2: Arthrex, Ossur; 3B: Allosource, Arthrex, JRF; 5: Arthrex, Smith & Nephew; 7B: Elsevier; 8: JSES, Orthopedics Today; 9: AANA, AAOS, AOSSM, ASES, ICRS, ISAKOS.
Frankenburg Shewman, Elizabeth	Disclosed no conflict of interest.
Frankle, Mark A^b	3B: Synchrony Healthcare; 4: VuMedi; 7A: DJO; 9: AAOS, ASES.
Frankston, Naomi	Disclosed no conflict of interest.
Frantz, Joshua	Disclosed no conflict of interest.
Frantz, Joshua S	Disclosed no conflict of interest.
Fras, Sebastian	Disclosed no conflict of interest.
Frear, Andrew J	Disclosed no conflict of interest.
Fredericks, Douglas	Disclosed no conflict of interest.
Fredrikson, Jacob P.	Disclosed no conflict of interest.
Freedman, Benjamin R^b	3B: Limax Biosciences; 4: Limax Biosciences; 9: Limax Biosciences.
Freedman, Brett	Disclosed no conflict of interest.
Freeman, Fiona E	Disclosed no conflict of interest.
Freeman, Isaiah	Disclosed no conflict of interest.
Freeman, Joseph W	Disclosed no conflict of interest.
Freeman, Robert^b	3A: DePuy Synthes Joint Reconstruction.
Freeman, Theresa	Disclosed no conflict of interest.

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Freeman, Theresa A^b	3B: Apyx Medical, Inc; 6: Apyx Medical, Inc.
Freeze, David	Disclosed no conflict of interest.
Freking, Collin	Disclosed no conflict of interest.
French, Kate	Disclosed no conflict of interest.
Fretz, Jackie	Disclosed no conflict of interest.
Frey, Kaitlyn	Disclosed no conflict of interest.
Friedlaender, Gary	Disclosed no conflict of interest.
Friedman, Michael	Disclosed no conflict of interest.
Friedman, William	Disclosed no conflict of interest.
Frings, Neilesh R	Disclosed no conflict of interest.
Fritton, Susannah P	Disclosed no conflict of interest.
Fritz, Jessica M	Disclosed no conflict of interest.
Frobell, Richard	Disclosed no conflict of interest.
Froberg, Landyn	Disclosed no conflict of interest.
Frumberg, David B^b	3B: Orthofix, Orthopediatrics, Ultragenyx, Koyowa Kirin.
Fry, Christopher	Disclosed no conflict of interest.
Fry, Christopher S	Disclosed no conflict of interest.
Fu, Cassidy	Disclosed no conflict of interest.
Fu, Christine Hoi Yan	Disclosed no conflict of interest.
Fu, Michael	Disclosed no conflict of interest.
Fu, Michael C^b	3B: Stryker; 4: HS2, Joint Effort Administrative Services Organization.
Fu, Sai-Chuen	Disclosed no conflict of interest.
Fu, Wenyu	Disclosed no conflict of interest.
Fu, Xin	Disclosed no conflict of interest.
Fu, Yin-Chih	Disclosed no conflict of interest.
Fuad, Nurlatifa ZM	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Fudenna, Alex B	Disclosed no conflict of interest.
Fufa, Duretti	Disclosed no conflict of interest.
Fuji, Haruka	Disclosed no conflict of interest.
Fujii, Masanori	Disclosed no conflict of interest.
Fujii, Shun	Disclosed no conflict of interest.
Fujii, Yuta	Disclosed no conflict of interest.
Fujikawa, Yuki	Disclosed no conflict of interest.
Fujiki, Takaaki	Disclosed no conflict of interest.
Fujino, Keita	Disclosed no conflict of interest.
Fujino, Keitaro	Disclosed no conflict of interest.
Fujita, Shintaro	Disclosed no conflict of interest.
Fujiwara, Shuichi	Disclosed no conflict of interest.
Fujiwara, Tomohiro	Disclosed no conflict of interest.
Fukase, Naomasa	Disclosed no conflict of interest.
Fukuda, Derek	Disclosed no conflict of interest.
Fukuda, Hideaki	Disclosed no conflict of interest.
Fukuda, Ryuichi	Disclosed no conflict of interest.
Fukui, Daisuke	Disclosed no conflict of interest.
Fukui, Tomoaki	Disclosed no conflict of interest.
Fukumoto, Genta	Disclosed no conflict of interest.
Fukunaga, Takanori	Disclosed no conflict of interest.
Fukushima, Hiroaki	Disclosed no conflict of interest.
Fuld, Richard S	Disclosed no conflict of interest.
Fulkerson, John^b	9: Patellofemoral Foundation.
Fullam, Spencer	Disclosed no conflict of interest.
Fuller, Charles	Disclosed no conflict of interest.

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Füllermann, Priscilla	Disclosed no conflict of interest.
Fung, Maggie^b	3A: GE Healthcare.
Fung, Stephanie L	Disclosed no conflict of interest.
Fuqua, Andrew	Disclosed no conflict of interest.
Furdock, Ryan	Disclosed no conflict of interest.
Furman, Andrew	Disclosed no conflict of interest.
Furman, Bridgette	Disclosed no conflict of interest.
Furuichi, Takuya	Disclosed no conflict of interest.
Furukawa, Jun-ichi	Disclosed no conflict of interest.
Furukawa, Takahiro	Disclosed no conflict of interest.
Furumatsu, Takayuki	Disclosed no conflict of interest.
Furuya, Masahiko	Disclosed no conflict of interest.
Fusagawa, Hiroyori	Disclosed no conflict of interest.
Fushimi, Kiyohide	Disclosed no conflict of interest.
Gaballah, Moahmed	Disclosed no conflict of interest.
Gabor, Noah	Disclosed no conflict of interest.
Gaddy, Dana	Disclosed no conflict of interest.
Gadomski, Benjamin	Disclosed no conflict of interest.
Gaire, Janak	Disclosed no conflict of interest.
Gala, Raj	Disclosed no conflict of interest.
Gale, Tom	Disclosed no conflict of interest.
Gallagher, Katelynn R	Disclosed no conflict of interest.
Gallo, Matthew C	Disclosed no conflict of interest.
Galloway, Jasmine	Disclosed no conflict of interest.
Galloway, Jenna L	Disclosed no conflict of interest.
Galloway, Jonahs	Disclosed no conflict of interest.

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Gamalong, Giovanni M	Disclosed no conflict of interest.
Gambino, Bryce	Disclosed no conflict of interest.
Gamble, William	Disclosed no conflict of interest.
Gamble, William G	Disclosed no conflict of interest.
Gamboa, Melanie	Disclosed no conflict of interest.
Gan, Donghao	Disclosed no conflict of interest.
Gan, Enrie	Disclosed no conflict of interest.
Ganakammal, Satishkumar Ranganathan	Disclosed no conflict of interest.
Ganesh, Venkateswaran	Disclosed no conflict of interest.
Ganio, Edward A	Disclosed no conflict of interest.
Ganokroj, Phob	Disclosed no conflict of interest.
Gansau, Jennifer	Disclosed no conflict of interest.
Gantenbein, Benjamin	Disclosed no conflict of interest.
Gao, Bo^b	3A: Exactech.
Gao, Chan	Disclosed no conflict of interest.
Gao, Gongming	Disclosed no conflict of interest.
Gao, Jingjing	Disclosed no conflict of interest.
Gao, Qi	Disclosed no conflict of interest.
Gao, Xiang	Disclosed no conflict of interest.
Gao, Xueqin	Disclosed no conflict of interest.
Garay, Ryan S	Disclosed no conflict of interest.
Garceau, Simon	Disclosed no conflict of interest.
Garces, Antonio T	Disclosed no conflict of interest.
Garcia Grech, Angela	Disclosed no conflict of interest.
Garcia, Daniel	Disclosed no conflict of interest.
Garcia-Ortiz, Andi	Disclosed no conflict of interest.

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Gardashli, Mahammad	Disclosed no conflict of interest.
Gardner, Michael	Disclosed no conflict of interest.
Gardner, Samantha R	Disclosed no conflict of interest.
Gardner, Thomas	Disclosed no conflict of interest.
Gardner-Morse, Mack	Disclosed no conflict of interest.
Garemani, Ryan	Disclosed no conflict of interest.
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Garlapaty, Ashwin	Disclosed no conflict of interest.
Garlapaty, Ashwin R	Disclosed no conflict of interest.
Garman, Christina MR	Disclosed no conflict of interest.
Garon, Martin^b	3A: Biomomentum Inc.; 4: Biomomentum Inc.
Garrett, Burks	Disclosed no conflict of interest.
Garrigues, Grant E^b	1: DJO, Tornier; 2: DJO; 3B: DJO, Mitek, Resto3d, Tornier; 4: Aevumed, Cultivate MD, Genesys, Patient IQ, Restor3d, ROM 3, Sparta Biopharma; 6: DJO; 7B: Elsevier; 8: JESE; 9: AOS, AESE, AANA.
Gashi, Jason	Disclosed no conflict of interest.
Gatenbein, Benjamin	Disclosed no conflict of interest.
Gatrell, Landon	Disclosed no conflict of interest.
Gatt, Charles^b	4: Novopedics, Inc.
Gatto, Andrew	Disclosed no conflict of interest.
Gaudillière, Brice	Disclosed no conflict of interest.
Gaukler, Sharon^b	3A: Stryker; 4: Stryker Stock.
Gausden, Elizabeth^b	3B: BICMD, Stryker, Zimmer; 9: American Association of Hip and Knee Surgeons, International Orthopaedic Education Network.
Gautam, Surabhi	Disclosed no conflict of interest.
Gautreaux, Malley	Disclosed no conflict of interest.
Gawri, Rahul^b	3C: Acorn Biolabs; 8: JOR Spine, Frontiers Bioengineering; 9: ORS Spine Section.

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Ge, Chunxi	Disclosed no conflict of interest.
Gebhardt, Sebastian	Disclosed no conflict of interest.
Geeslin, Matthew	Disclosed no conflict of interest.
Gehret, Paul	Disclosed no conflict of interest.
Gehweiler, Dominic	Disclosed no conflict of interest.
Geiger, Erik	Disclosed no conflict of interest.
Geiger, Erik J	Disclosed no conflict of interest.
Geiger, Jacob	Disclosed no conflict of interest.
Geist, Sydney	Disclosed no conflict of interest.
Gelberman, Richard	Disclosed no conflict of interest.
Gelbs, Michelle J	Disclosed no conflict of interest.
Gelinsky, Michael	Disclosed no conflict of interest.
Gemmy, Anisha E	Disclosed no conflict of interest.
Generoso, Talissa	Disclosed no conflict of interest.
Genetos, Damian^p	Disclosed no conflict of interest.
Genetos, Damian C	Disclosed no conflict of interest.
Gens, Lena	Disclosed no conflict of interest.
Gensler, Lianne S	Disclosed no conflict of interest.
Gentile, Michael	Disclosed no conflict of interest.
Geoffrey, Westrich^b	1: Stryker, Exactech; 5: Stryker.
Geohring, Terrin	Disclosed no conflict of interest.
George, Leslie	Disclosed no conflict of interest.
Gerdesmeyer, Lennart	Disclosed no conflict of interest.
Gergely, Istvan	Disclosed no conflict of interest.
Gerhold, Cameron	Disclosed no conflict of interest.
Geris, Liesbet	Disclosed no conflict of interest.

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Gersie, Thomas	Disclosed no conflict of interest.
Gertz, Jay	Disclosed no conflict of interest.
Gettys, Franklin	Disclosed no conflict of interest.
Ghaednia, Hamid	Disclosed no conflict of interest.
Ghali, Abdullah	Disclosed no conflict of interest.
Gharpure, Mohini	Disclosed no conflict of interest.
Ghasemi, S. Ali	Disclosed no conflict of interest.
Ghazijahani, Ahmad B.	Disclosed no conflict of interest.
Ghazoul, Adam	Disclosed no conflict of interest.
Ghiasi, Mohammad Sadegh	Disclosed no conflict of interest.
Ghirardelli, Stefano	Disclosed no conflict of interest.
Gholipour, Alireza	Disclosed no conflict of interest.
Ghosh, Arnab	Disclosed no conflict of interest.
Giakas, Alec	Disclosed no conflict of interest.
Giakas, Alec M	Disclosed no conflict of interest.
Giambini, Hugo^b	9: ORS Committee.
Giancaspro, Joseph	Disclosed no conflict of interest.
Giannone, Adrienne	Disclosed no conflict of interest.
Giannone, Adrienne A.	Disclosed no conflict of interest.
Gibbons, Kalin	Disclosed no conflict of interest.
Gibly, Romie	Disclosed no conflict of interest.
Gibson, Iain R^b	1: OssDsign AB; 3B: OssDsign AB.
Gielo-Perczak, Krystyna	Disclosed no conflict of interest.
Gifford, Abbott	Disclosed no conflict of interest.
Giger, Nico	Disclosed no conflict of interest.
Gigliotti, Chris^b	3A: Exactech.

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Gignac, Paul	Disclosed no conflict of interest.
Gil, Holly C	Disclosed no conflict of interest.
Gilat, Ron	Disclosed no conflict of interest.
Gilbert, Jeremy L^b	3B: Smith and Nephew, Exactech, Naples Community Hospital; 4: Syracuse Biomaterials Company, LLC; 5: The Food and Drug Administration, Bayer, Inc., Ceramtec; 7B: Syracuse University; 8: Journal of Biomedical Materials Research – Part B: Applied Biomaterials, J Wiley and Sons; 9: Society for Biomaterials.
Gilbert, Sophie	Disclosed no conflict of interest.
Giles, William	Disclosed no conflict of interest.
Gill, Dylan	Disclosed no conflict of interest.
Gill, Sabrina	Disclosed no conflict of interest.
Gill, Vikram S.	Disclosed no conflict of interest.
Gillespie, Callan	.
Gillespie, Robert J^b CollaMedix.	1: CollaMedix, Shoulder Innovations; 3C: CollaMedix; 4: CollaMedix; 9: CollaMedix.
Gillinov, Stephen	Disclosed no conflict of interest.
Gillinov, Stephen M	Disclosed no conflict of interest.
Gillon, William H	Disclosed no conflict of interest.
Gilmore, Annika	Disclosed no conflict of interest.
Gilmore, Brendan	Disclosed no conflict of interest.
Gilmore, Natalie K	Disclosed no conflict of interest.
Gilreath, Noah	Disclosed no conflict of interest.
Ginalis, Elizabeth	Disclosed no conflict of interest.
Gingery, Anne	Disclosed no conflict of interest.
Giordani, Mauro^b	6: DePuy Synthes; 9: California Orthopaedic Association.
Giordani, Mauro^b	1: DePuy, Johnson & Johnson Company.
Giordano, Gerard^b	3B: Exactech.
Girard, Paul J.	Disclosed no conflict of interest.

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Girardi, Federico^b	1: Lanx, Inc., Ortho Development Corp; 3B: Lanx, Inc, Ortho Development Corp, Sea Spine; 4: Centinel Spine, BICMD, Healthpoint Capital Partners, LP; 8: Healthpoint Capital Partners, LP.
Girardi, Kevin	Disclosed no conflict of interest.
Girardi, Kevin G	Disclosed no conflict of interest.
Girod, Miguel	Disclosed no conflict of interest.
Gjonbalaj, Edina	Disclosed no conflict of interest.
Glaeser, Brittany^b	3A: Arthrex, Inc.
Glaeser, Juliane	Disclosed no conflict of interest.
Glaser, Katharine K J	Disclosed no conflict of interest.
Glass, Evan	Disclosed no conflict of interest.
Glass, Natalie	Disclosed no conflict of interest.
Glenday, Jonathan D	Disclosed no conflict of interest.
Glenn, Eve R.	Disclosed no conflict of interest.
Glennon, Alyssa	Disclosed no conflict of interest.
Gligor, Brandon	Disclosed no conflict of interest.
Glover, Abbey	Disclosed no conflict of interest.
Goble, Haley	Disclosed no conflict of interest.
Gocal, Jakub	Disclosed no conflict of interest.
Godbold, Edward	Disclosed no conflict of interest.
Goddard, Declan N	Disclosed no conflict of interest.
Godfrey, Dana	Disclosed no conflict of interest.
Godin, Jonathan^b	3B: Bioventus, Mitek, Smith & Nephew; 4: NICE; 9: ASES, AANA.
Godin, Jonathan A.^b	3B: Stryker, Bioventus; 5: Arthrex Inc.
Godoy, Michael	Disclosed no conflict of interest.
Godshall, Stanton	Disclosed no conflict of interest.
Goedecke, Eva	Disclosed no conflict of interest.

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Goel, Vijay	Disclosed no conflict of interest.
Goela, Aashish	Disclosed no conflict of interest.
Goetz, Jessica	Disclosed no conflict of interest.
Goff, Adam	Disclosed no conflict of interest.
Goh, Isabella YZ	Disclosed no conflict of interest.
Goh, Qingnian	Disclosed no conflict of interest.
Goheer, Haseeb E.	Disclosed no conflict of interest.
Gohring, Greta	Disclosed no conflict of interest.
Gokani, Vishal	Disclosed no conflict of interest.
Gold, Garry E	Disclosed no conflict of interest.
Gold, Michael S	Disclosed no conflict of interest.
Goldberg, Marco	Disclosed no conflict of interest.
Goldscheitter, Galen M.	Disclosed no conflict of interest.
Goldstein, Irwin	Disclosed no conflict of interest.
Goldstein, Sue W.	Disclosed no conflict of interest.
GGolladay, Gregory J^b	7A: Royalties from Stryker; 8: Editorial or governing board of Arthroplasty Today, Journal of Arthroplasty; 9: Board member for American Association of Hip and Knee Surgeons, Virginia Orthopaedic Society.
Gomez Hjerthen, Isabella	Disclosed no conflict of interest.
Gomoll, Andreas^b	2: Bioventus, Moximed, Inc., Organogenesis, Smith & Nephew, Vericel; 3B: JRF, Linvatec Corp., Miach Orthopaedics, Inc., Moximed, Inc., Pacira Pharmaceuticals, Smith & Nephew, Vericel; 4: Engage, Stryker; 5: Cartiheal, JRF, Moximed, Inc., Organogenesis, Vericel; 8: Cartilage, Knee Surgery, Sports Traumatology, Arthroscopy, Orthopaedic Journal of Sports Medicine; 9: Arthroscopy Association of North America, ICRS.
Gomoll, Andreas	Disclosed no conflict of interest.
Gonçalves, Amanda	Disclosed no conflict of interest.
Gong, Jiaqi	Disclosed no conflict of interest.
Gonzales, David A	Disclosed no conflict of interest.
Gonzales, Luigi	Disclosed no conflict of interest.

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Gonzales-Nolde, Sofia	Disclosed no conflict of interest.
Gonzalez Vazquez, Arlyng G	Disclosed no conflict of interest.
Gonzalez, Christian	Disclosed no conflict of interest.
Gonzalez, Christopher	Disclosed no conflict of interest.
Gonzalez, Felipe	Disclosed no conflict of interest.
Gonzalez, Felipe F.	Disclosed no conflict of interest.
Gonzalez, Julianna	Disclosed no conflict of interest.
Gonzalez, Mark	Disclosed no conflict of interest.
Gonzalez, Melissa^b	3A: Stryker; 4: Stryker.
Gonzalez, Roberto	Disclosed no conflict of interest.
Gonzalez, Sara	Disclosed no conflict of interest.
Gonzalez-Aponte, Maria F.	Disclosed no conflict of interest.
Gonzalez-Nolde, Sofia	Disclosed no conflict of interest.
Gonzalez-Whitehouse, Eva	Disclosed no conflict of interest.
Goode, Adam P	Disclosed no conflict of interest.
Goodman, Stuart	Disclosed no conflict of interest.
Goodman, Stuart B	Disclosed no conflict of interest.
Goodnough, Henry	Disclosed no conflict of interest.
Goodrich, Laurie^b	3B: AlloSource.
Goodrich, Laurie^b	4: eQcell Inc, Advanced Regenerative Therapies.
Goodwin, Matthew^b	4: JNJ, Pfizer, BNTech, Moderna, ROMTech, Merck.
Goolsby, Marci	Disclosed no conflict of interest.
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Gopalakrishnan, Ananthkrishnan^b	3A: Stryker; 4: Stryker Stock.
Gordillo, Alan	Disclosed no conflict of interest.
Gordillo, Juan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Gordon, Amber	Disclosed no conflict of interest.
Gordon, Chris	Disclosed no conflict of interest.
Gordon, Daniel	Disclosed no conflict of interest.
Gordon, Dylan	Disclosed no conflict of interest.
Gordon, Julie	Disclosed no conflict of interest.
Gordon, Matthew	Disclosed no conflict of interest.
Gordon, Shona	Disclosed no conflict of interest.
Gorgun, Cansu	Disclosed no conflict of interest.
Gornbein, Chase	Disclosed no conflict of interest.
Gosh, Abhirupa	Disclosed no conflict of interest.
Goss, Mark A	Disclosed no conflict of interest.
Goto, Bunsei	Disclosed no conflict of interest.
Goto, Keiko	Disclosed no conflict of interest.
Goto, Tadahiro	Disclosed no conflict of interest.
Gottardi, Riccardo	Disclosed no conflict of interest.
Gottlieb, Devin	Disclosed no conflict of interest.
Gottschalk, Michael^b Hand Surgery.	5: Skeletal Dynamics, Acumed, Konica Minolta, Anthrex; 8: Journal of
Gottschalk, Michael^b of the Hand.	5: Stryker Corporation, Konica Minolta; 9: American Society for Surgery
Gould, Nicole	Disclosed no conflict of interest.
Gouzoulis, Michael^b	8: NASSJ Associate Editor.
Gouzoulis, Michael J	Disclosed no conflict of interest.
Govindappa, Prem Kumar	Disclosed no conflict of interest.
Gozen, Arda	Disclosed no conflict of interest.
Grabov, Edward	Disclosed no conflict of interest.
Gracey, Eric	Disclosed no conflict of interest.

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Graf, Adam	Disclosed no conflict of interest.
Graf, Alexander	Disclosed no conflict of interest.
Graf, Alexander R^b	3B: Diamond Orthopedics.
Graf, Daniel	Disclosed no conflict of interest.
Graham, David	Disclosed no conflict of interest.
Graham, Steven	Disclosed no conflict of interest.
Grahame, Nicholas J	Disclosed no conflict of interest.
Grammatopoulos, George^b	3C: FormusLab; 5: Stryker Zimmer Biomet Formus Labs.
Granade, Charles	Disclosed no conflict of interest.
Granados, Marcela	Disclosed no conflict of interest.
Grandberg, Camila	Disclosed no conflict of interest.
Grande, Daniel R^b	Disclosed no conflict of interest.
Grandi, Fiorella	Disclosed no conflict of interest.
Grant, Andrew	Disclosed no conflict of interest.
Grant, Garrigues	Disclosed no conflict of interest.
Grant, Jim^b	3A: Elizur.
Grant, Michael	Disclosed no conflict of interest.
Grasselli, Sara	Disclosed no conflict of interest.
Grasset, Willy^b	5: Tyber Medical LLC.
Grauer, Jonathan N^b	8: Editor-in-Chief of North American Spine Society Journal, Board Member North American Spine Society, Board Member North American Spine Society.
Gray, E. Cate	Disclosed no conflict of interest.
Gray, Emily C	Disclosed no conflict of interest.
Gray, Nathan	Disclosed no conflict of interest.
Gray, Trayce	Disclosed no conflict of interest.
Grayson, Warren	Disclosed no conflict of interest.
Greco, Carol	Disclosed no conflict of interest.

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Greco, Nicholas	Disclosed no conflict of interest.
Green, Cynthia	Disclosed no conflict of interest.
Green, Samuel	Disclosed no conflict of interest.
Green, Samuel J	Disclosed no conflict of interest.
Greenberg, Mitchell	Disclosed no conflict of interest.
Greenberg, Paul	Disclosed no conflict of interest.
Greenberg, Zachary	Disclosed no conflict of interest.
Greenblatt, Matthew	Disclosed no conflict of interest.
Greene, Nicole	Disclosed no conflict of interest.
Greene, Trevour	Disclosed no conflict of interest.
Greenfield, Ed M^b	8: JOR.
Gregory, Aidan J^b	4: Dr. June owns stock in Beartooth Biotech and OpenBioWorks which were not involved in this study.
Gregory, James M^b	3B: Stryker, Arthrex.
Gregory, Lewis	Disclosed no conflict of interest.
Greif, Dylan N.	Disclosed no conflict of interest.
Grellinger, Emma D	Disclosed no conflict of interest.
Gresham, Robert	Disclosed no conflict of interest.
Grewal, Gagan	Disclosed no conflict of interest.
Grewal, Rasleen	Disclosed no conflict of interest.
Grey, Sean G^b	3B: Exactech Inc; 7A: Exactech Inc.
Griebel, Adam J^b	3A: AJG, JES.
Griffin, Jarod T.	Disclosed no conflict of interest.
Griffin, Michelle	Disclosed no conflict of interest.
Griffin, Timothy M	Disclosed no conflict of interest.
Griffith, Jacob L.	Disclosed no conflict of interest.
Grigoriou, Emmanouil	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Grimes, Jerry S	Disclosed no conflict of interest.
Grimsrud, Courtney	Disclosed no conflict of interest.
Grinstaff, Mark W	Disclosed no conflict of interest.
Grodzinsky, Alan	Disclosed no conflict of interest.
Groesbeck, Ashley	Disclosed no conflict of interest.
Groisser, Benjamin N	Disclosed no conflict of interest.
Grol, Matthew	Disclosed no conflict of interest.
Groll, Jurgen	Disclosed no conflict of interest.
Gronowicz, Scott	Disclosed no conflict of interest.
Gross, Colby	Disclosed no conflict of interest.
Gross, Jonathan M	Disclosed no conflict of interest.
Gross, Michael	Disclosed no conflict of interest.
Gross, Ted	Disclosed no conflict of interest.
Grossemey, Simon	Disclosed no conflict of interest.
Grosskreuz, Tiana S	Disclosed no conflict of interest.
Grossner, Tobias^b	3A: BellaSeno GmbH.
Group, MOON	Disclosed no conflict of interest.
Grove, Austin F	Disclosed no conflict of interest.
Grove, Kyra	Disclosed no conflict of interest.
Grover, Yashvi	Disclosed no conflict of interest.
Grynpas, Marc	Disclosed no conflict of interest.
Grynpas, Marc D.	Disclosed no conflict of interest.
Gsell, Kelsey Y	Disclosed no conflict of interest.
Gu, Alex	Disclosed no conflict of interest.
Gu, Tianyun	Disclosed no conflict of interest.
Gu, Weiyong	Disclosed no conflict of interest.

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All relevant financial relationships have been mitigated.

Author disclosures as of August 2024



Guadagnin, Eliane C.	Disclosed no conflict of interest.
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Gullbrand, Sarah^b	6: DiscGenics, ZuriMED Technologies AG.
Gullbrand, Sarah^b unrelated project.	6: VA Tech Transfer grant and CRADA relationship with DiscGenics on unrelated project.
Gulotta, Lawrence V^b	2: Zimmer Biomet, Exactech, Smith & Nephew; 3B: Zimmer Biomet; 4: Imagen, Responsive Arthroscopy; 7A: Exactech, Zimmer Biomet; 8: HSS Journal.
Guo, Fang	Disclosed no conflict of interest.
Guo, Hanli	Disclosed no conflict of interest.
Guo, Ping	Disclosed no conflict of interest.
Guo, X Edward	Disclosed no conflict of interest.
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Gupta, Puranjay	Disclosed no conflict of interest.
Gupta, Ranjan	Disclosed no conflict of interest.
Gurbuz, Kaan	Disclosed no conflict of interest.
Gusnowski, Eva	Disclosed no conflict of interest.
Gustafson, Jonathan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Gustafson, Sara	Disclosed no conflict of interest.
Guthrie, Timothy R	Disclosed no conflict of interest.
Gutierrez, Eric	Disclosed no conflict of interest.
Gutierrez, Eric J	Disclosed no conflict of interest.
Gutruf, Philipp	Disclosed no conflict of interest.
Guven, Ali E	Disclosed no conflict of interest.
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Gwinner, Clemens	Disclosed no conflict of interest.
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Haase, Douglas R	Disclosed no conflict of interest.
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Hackett, Becky	Disclosed no conflict of interest.
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Hackley, Darren	Disclosed no conflict of interest.
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Hagiwara, Rena	Disclosed no conflict of interest.
Haglin, Jack	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Haglund, Lisbet	Disclosed no conflict of interest.
Haider, Hani	Disclosed no conflict of interest.
Haider, Mohammad	Disclosed no conflict of interest.
Haider, Mohammad N	Disclosed no conflict of interest.
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Haj Shehadeh, Tarek	Disclosed no conflict of interest.
Hajarizadeh, Auveen	Disclosed no conflict of interest.
Hajdu, Katherine	Disclosed no conflict of interest.
Hajjiali, Hadi	Disclosed no conflict of interest.
Hajibandeh, Jeffrey	Disclosed no conflict of interest.
Hakim, Bill	Disclosed no conflict of interest.
Hakimiyan, Arnavaz	Disclosed no conflict of interest.
Hakobyan, Narine	Disclosed no conflict of interest.
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Haldeman, Pearce	Disclosed no conflict of interest.
Hale, Caryn	Disclosed no conflict of interest.
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Halvorson, Ryan T.	Disclosed no conflict of interest.
Hamada, Hidetoshi	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Hamada, Moustafa	Disclosed no conflict of interest.
Hamai, Satoshi	Disclosed no conflict of interest.
Hamamoto, Kensaku	Disclosed no conflict of interest.
Hambrecht, Jan	Disclosed no conflict of interest.
Hamburger, Eleane	Disclosed no conflict of interest.
Hamburger, Eleane C.B.	Disclosed no conflict of interest.
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Hammill, Chet	Disclosed no conflict of interest.
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Han, Woojin M.	Disclosed no conflict of interest.
Han, Xinyue	Disclosed no conflict of interest.

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Hanai, Hiroto	Disclosed no conflict of interest.
Hanaka, Naomi	Disclosed no conflict of interest.
Hanaki, Shunta	Disclosed no conflict of interest.
Hanamatsu, Hisatoshi	Disclosed no conflict of interest.
Hance, Frederick	Disclosed no conflict of interest.
Handoklow, Ferris	Disclosed no conflict of interest.
Handoklow, Lyla	Disclosed no conflict of interest.
Handoklow, Lyla A	Disclosed no conflict of interest.
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Hara, Daisuke	Disclosed no conflict of interest.
Hara, Hitomi	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Harper, Katharine	Disclosed no conflict of interest.
Harrell, Maxwell	Disclosed no conflict of interest.
Harris, Gerald	Disclosed no conflict of interest.
Harris, Kathleen	Disclosed no conflict of interest.
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Harris, Thomas	Disclosed no conflict of interest.
Harrison, Chelsea	Disclosed no conflict of interest.
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Harrison, Lewis	Disclosed no conflict of interest.
Hart, Darren B^b	6: Received suture anchors for this study from Arthrex at no cost.
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Hasegawa, Masahiro	Disclosed no conflict of interest.
Hasegawa, Nobuhiko	Disclosed no conflict of interest.
Hasegawa, Shoichi	Disclosed no conflict of interest.
Hasegawa, Tomoka	Disclosed no conflict of interest.
Hasegawa, Tsuba	Disclosed no conflict of interest.
Hasegawa, Tsubasa	Disclosed no conflict of interest.
Hashem, Jennifer	Disclosed no conflict of interest.
Hashimoto, Shogo	Disclosed no conflict of interest.
Hashizume, Hiroshi	Disclosed no conflict of interest.
Haskel, Jonathan D.	Disclosed no conflict of interest.
Hassan, Atef Abdelrahman	Disclosed no conflict of interest.
Hassan, Waqaas	Disclosed no conflict of interest.
Hasselaar, Charley	Disclosed no conflict of interest.
Hasson, Maddie	Disclosed no conflict of interest.
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Hata, Junichi	Disclosed no conflict of interest.
Hatakeyama, Takuto	Disclosed no conflict of interest.
Hatayama, Kazuhisa	Disclosed no conflict of interest.
Hatch, Maya	Disclosed no conflict of interest.

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Hatem, Munif A	Disclosed no conflict of interest.
Hatorri, Soichi	Disclosed no conflict of interest.
Hattori, Nobuaki	Disclosed no conflict of interest.
Hattori, Soichi	Disclosed no conflict of interest.
Hatzinger, Bret	Disclosed no conflict of interest.
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Hausman, Michael R^b	4: Checkpoint Surgical LLC.
Havandijan, Lara	Disclosed no conflict of interest.
Hawkins, Sam	Disclosed no conflict of interest.
Hawryluk, Christopher J	Disclosed no conflict of interest.
Hayashi, Kentaro	Disclosed no conflict of interest.
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Hayes, Steve	Disclosed no conflict of interest.
Haytmanek, Craig T.^b	5: Stryker, Wright Medical Technology.
Hazelwood, Brian P	Disclosed no conflict of interest.
He, Chaopeng	Disclosed no conflict of interest.
He, Hongjia	Disclosed no conflict of interest.
He, Jade	Disclosed no conflict of interest.
He, Jianghua	Disclosed no conflict of interest.

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Author disclosures as of August 2024



He, Jingyu	Disclosed no conflict of interest.
He, Mei	Disclosed no conflict of interest.
He, Qi	Disclosed no conflict of interest.
He, Rui	Disclosed no conflict of interest.
He, Xingxin	Disclosed no conflict of interest.
He, Zhi Mei S	Disclosed no conflict of interest.
Healey, John H	Disclosed no conflict of interest.
Heard, Jeremy	Disclosed no conflict of interest.
Hecht, Andrew	Disclosed no conflict of interest.
Heckelman, Lauren N	Disclosed no conflict of interest.
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Hedayatzadeh Razavi, Ahmad	Disclosed no conflict of interest.
Hedbany, Davis T.	Disclosed no conflict of interest.
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Hellberg, Iida	Disclosed no conflict of interest.
Hellem, Aaron	Disclosed no conflict of interest.
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Author disclosures as of August 2024



Heminway, Angelina	Disclosed no conflict of interest.
Henak, Corinne	Disclosed no conflict of interest.
Henderson, Mary	Disclosed no conflict of interest.
Hendesi, Honey	Disclosed no conflict of interest.
Hendricks, Cale J	Disclosed no conflict of interest.
Henick, Steven M	Disclosed no conflict of interest.
Henn, Matthew	Disclosed no conflict of interest.
Hennen, Elizabeth M	Disclosed no conflict of interest.
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Hennessy, Orla	Disclosed no conflict of interest.
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Herbel, Cole	Disclosed no conflict of interest.
Herczeg, Chloe	Disclosed no conflict of interest.
Herczeg, Chloe K	Disclosed no conflict of interest.
Herger, Nick	Disclosed no conflict of interest.
Herman, Zachary	Disclosed no conflict of interest.
Hermesmeier, Maiko	Disclosed no conflict of interest.
Hernandez, Ashley M	Disclosed no conflict of interest.

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Hernandez, Nicholas	Disclosed no conflict of interest.
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Herzog, Walter	Disclosed no conflict of interest.
Heveran, Chelsea M.	Disclosed no conflict of interest.
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Hieda, Yuta	Disclosed no conflict of interest.
Higashihira, Shota	Disclosed no conflict of interest.
Higginbotham, Simon	Disclosed no conflict of interest.
Higgins, John	Disclosed no conflict of interest.

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Hind, Laurel E	Disclosed no conflict of interest.
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Hinz, Max	Disclosed no conflict of interest.
Hinz, Maximilian	Disclosed no conflict of interest.
Hirai, Hiromasa	Disclosed no conflict of interest.
Hiranaka, Yoshiaki	Disclosed no conflict of interest.
Hirano, Yoshiaki	Disclosed no conflict of interest.
Hiraoka, Yosuke	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Hiredesai, Annika N	Disclosed no conflict of interest.
Hirpara, Ankit	Disclosed no conflict of interest.
Hirth, Jacob	Disclosed no conflict of interest.
Hishimura, Ryosuke	Disclosed no conflict of interest.
Hitchman, Kyle	Disclosed no conflict of interest.
Hixon, Katherine	Disclosed no conflict of interest.
Hlavinka, William	Disclosed no conflict of interest.
Hneiny, Layal	Disclosed no conflict of interest.
Ho, Anh	Disclosed no conflict of interest.
Ho, Kyan	Disclosed no conflict of interest.
Ho, Mei-Ling	Disclosed no conflict of interest.
Ho, Sunita	Disclosed no conflict of interest.
Hoag, Jasper D	Disclosed no conflict of interest.
Hoang, June	Disclosed no conflict of interest.
Hoang, Le	Disclosed no conflict of interest.
Hoang, Ngoc	Disclosed no conflict of interest.
Hoang, Ryan	Disclosed no conflict of interest.
Hoang, Timothy	Disclosed no conflict of interest.
Hochstatter, Julia	Disclosed no conflict of interest.
Hodges, Paul	Disclosed no conflict of interest.
Hodges, Shelby C	Disclosed no conflict of interest.
Hodgkinson, Tom	Disclosed no conflict of interest.
Hoeger, Svenga	Disclosed no conflict of interest.
Hoey, David	Disclosed no conflict of interest.
Hoey, David A	Disclosed no conflict of interest.

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Hoffer, Alexander	Disclosed no conflict of interest.
Hoffman, Alexandra	Disclosed no conflict of interest.
Hoffman, Garrett	Disclosed no conflict of interest.
Hoffmann, Brett A	Disclosed no conflict of interest.
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Hofmann, Matthew	Disclosed no conflict of interest.
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Hollawell, Shane	Disclosed no conflict of interest.
Holle, Alejandro	Disclosed no conflict of interest.
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Hollenbeck, Justin FM	Disclosed no conflict of interest.
Holloway, Julianne	Disclosed no conflict of interest.
Holt, Ginger	Disclosed no conflict of interest.
Holtgrewe, John	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Homan, Morgan	Disclosed no conflict of interest.
Hong, James	Disclosed no conflict of interest.
Hong, Ze	Disclosed no conflict of interest.
Honkanen, Juuso T.J.	Disclosed no conflict of interest.
Hood, Dylan	Disclosed no conflict of interest.
Hookasian, Erika	Disclosed no conflict of interest.
Hopkins, Daniel	Disclosed no conflict of interest.
Hopkins, Timothy	Disclosed no conflict of interest.
Hopper, Haleigh M	Disclosed no conflict of interest.
Hopster, Klaus	Disclosed no conflict of interest.
Horan, Daniel J	Disclosed no conflict of interest.
Horan, Dylan	Disclosed no conflict of interest.
Horenberg, Allison	Disclosed no conflict of interest.
Horenberg, Allison L	Disclosed no conflict of interest.
Horie, Naoyuki	Disclosed no conflict of interest.
Horikawa-Strakovsky, Arimitsu	Disclosed no conflict of interest.
Horishita, Shunta	Disclosed no conflict of interest.
Horita, Kazushi	Disclosed no conflict of interest.
Horn, Wanda	Disclosed no conflict of interest.
Hornicek, Francis^b	3B: Globus Medical, Stryker; 4: Bone Solutions; 7B: Amyrsis, McGraw Hill, UpToDate, Wiley; 8: Journal of Orthopedic Surgery, Journal of Surgical Oncology; 9: American Association of Tissue Banks, FDA, ISOLS.
Horodyski, MaryBeth	Disclosed no conflict of interest.
Hoshikawa, Kyosuke	Disclosed no conflict of interest.
Hoshikawa, Naoya	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Hoshino, Takashi	Disclosed no conflict of interest.
Hoshino, Yuichi^b Experimental Orthopaedics.	8: Knee Surgery Sports Traumatology Arthroscopy. Journal of
Hoskins, Tyler	Disclosed no conflict of interest.
Hosokawa, Yoshiaki	Disclosed no conflict of interest.
Hosseni, Arman	Disclosed no conflict of interest.
Hosten-Mittermaier, Orhan	Disclosed no conflict of interest.
Hottori, Soichi	Disclosed no conflict of interest.
Hou, Fajian	Disclosed no conflict of interest.
Hou, Nan	Disclosed no conflict of interest.
Hou, Nuanqiu	Disclosed no conflict of interest.
Hou, Zhiyong	Disclosed no conflict of interest.
House, Andrew	Disclosed no conflict of interest.
Houser, Jeremy	Disclosed no conflict of interest.
Houten, John K.	Disclosed no conflict of interest.
Hovanski, Robert	Disclosed no conflict of interest.
Howard, James^b	2: DePuy, A Johnson & Johnson Company, Intellijoint, Sanofi-Aventis, Smith & Nephew, Stryker, Zimmer; 3B: DePuy, A Johnson & Johnson Company, Intellijoint, Smith & Nephew, Stryker, Zimmer; 5: DePuy, A Johnson & Johnson Company, Stryker; 6: DePuy, A Johnson & Johnson Company, Microport, Smith & Nephew, Stryker, Zimmer.
Howell, David R	Disclosed no conflict of interest.
Howes, Claire L. E.	Disclosed no conflict of interest.
Howlett, Carina P	Disclosed no conflict of interest.
Howser, Scarlet	Disclosed no conflict of interest.
Hresko, Michael Timothy^b Journal of Medicine.	4: Crispr, Editas, Ginko biotech, Intellia Therapeutics.; 8: New England
Hryc, Corey	Disclosed no conflict of interest.
Hryc, Corey F	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Hrzic, Franko	Disclosed no conflict of interest.
Hsieh, Yi-An	Disclosed no conflict of interest.
Hsiue, Peter	Disclosed no conflict of interest.
Hsu, Erin	5: Inion, Amphix.
Hsu, Ginny Ching-Yun	Disclosed no conflict of interest.
Hsu, Jim	3C: Unpaid consultant, Arthrex Inc.; 5: Research support, Arthrex Inc.
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Hsu, Kai-Lan	Disclosed no conflict of interest.
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Hu, Baofeng	Disclosed no conflict of interest.
Hu, Guoli	Disclosed no conflict of interest.
Hu, Haiyang	Disclosed no conflict of interest.
Hu, Lingling	Disclosed no conflict of interest.
Hu, Rui	Disclosed no conflict of interest.
Hu, Serena	Disclosed no conflict of interest.
Hu, Stephanie	Disclosed no conflict of interest.
Hu, Weirong	Disclosed no conflict of interest.
Hua, Gordon	Disclosed no conflict of interest.
Hua, Kimberly	Disclosed no conflict of interest.
Huang, Alice	Disclosed no conflict of interest.
Huang, Audrey	Disclosed no conflict of interest.
Huang, Bor-Lin	Disclosed no conflict of interest.
Huang, Charles	Disclosed no conflict of interest.
Huang, Dave T	Disclosed no conflict of interest.
Huang, Guiwu	Disclosed no conflict of interest.
Huang, Hanqing	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Huang, Hsuan-Ti	Disclosed no conflict of interest.
Huang, Jiahui	Disclosed no conflict of interest.
Huang, Jintian	Disclosed no conflict of interest.
Huang, Jonathan J.	Disclosed no conflict of interest.
Huang, Mia	Disclosed no conflict of interest.
Huang, Mingjian	Disclosed no conflict of interest.
Huang, Rachel	Disclosed no conflict of interest.
Huang, Tzu-Chiun	Disclosed no conflict of interest.
Huang, Yuming	Disclosed no conflict of interest.
Huanuco Casas, Erik	Disclosed no conflict of interest.
Huard, Johnny	Disclosed no conflict of interest.
Huard, Johnny^b	3B: ORS Board of Directors, royalties Cook Myosite, Inc.
Huard, Johnny^b	1: Cook MyoSyte Inc.; 3A: Proofpoint Biologic.
Huard, Matthieu	Disclosed no conflict of interest.
Huber, Phillipe	Disclosed no conflict of interest.
Hubert, Jan	Disclosed no conflict of interest.
Huddleston, Hailey	Disclosed no conflict of interest.
Huddleston, James^b	3B: Exactech; 9: American Association of Hip and Knee Surgeons.
Hudson, Parke	Disclosed no conflict of interest.
Hue, Trisha	Disclosed no conflict of interest.
Huebsch, Nathaniel^b	3B: Organos Inc.
Huffman, Nicholas	Disclosed no conflict of interest.
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Hughes, Andrew	Disclosed no conflict of interest.
Hughes, Jonathan^b	8: KSSTA, AOJ.
Hughes, Jonathan D	Disclosed no conflict of interest.

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Hughes, Julie	Disclosed no conflict of interest.
Hughes, Travis	Disclosed no conflict of interest.
Hughes-Austin, Jan M.	Disclosed no conflict of interest.
Hui, Clayton	Disclosed no conflict of interest.
Hullfish, Todd	Disclosed no conflict of interest.
Hullfish, Todd J	Disclosed no conflict of interest.
Hulsebus, Shelby	Disclosed no conflict of interest.
Hulstyn, Michael J	Disclosed no conflict of interest.
Hum, Nick	Disclosed no conflict of interest.
Hum, Nicolas	Disclosed no conflict of interest.
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Humbyrd, Casey Jo^b	7B: Oxford University Press: Publishing royalties, financial or material support; 8: Foot and Ankle International: Editorial or governing board; 9: American Orthopaedic Foot and Ankle Society: Board or committee member, AAOS: Board or committee member.
Humphrey, Mary Beth	Disclosed no conflict of interest.
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Hunt, Jesse	Disclosed no conflict of interest.
Hunt, Kenneth	Disclosed no conflict of interest.
Huo, Yanan	Disclosed no conflict of interest.
Huot, Joshua R	Disclosed no conflict of interest.
Hur, Edward S	Disclosed no conflict of interest.
Hurley, Samuel A^b	6: GE Healthcare.
Hurley-Novatny, Amelia	Disclosed no conflict of interest.
Hussain, Ibrahim	Disclosed no conflict of interest.

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Hussain, Zaamin B.	Disclosed no conflict of interest.
Hussien, Amro	Disclosed no conflict of interest.
Hussien, Amro A	Disclosed no conflict of interest.
Hustedt, Joshua^b	7A: Pharmaceutical Business Consultants Limited: Honoraria, Arthrex: Speaking compensation, ImpactOrtho: Hospitality;
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Huxman, Connor	Disclosed no conflict of interest.
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Hwang, Jae Youn	Disclosed no conflict of interest.
Hwang, Jung-Taek	Disclosed no conflict of interest.
Hwang, Ki	Disclosed no conflict of interest.
Hyakumachi, Takahiko	Disclosed no conflict of interest.
Hyde, Colette	Disclosed no conflict of interest.
Hysten, Korinna	Disclosed no conflict of interest.
Hyman, Joshua	Disclosed no conflict of interest.
Hymel, Lauren A.	Disclosed no conflict of interest.
Hyre, Nathan	Disclosed no conflict of interest.
Hyugaji, Yoshinori	Disclosed no conflict of interest.
Iatridis, James	Disclosed no conflict of interest.
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Igarashi, Takahiro	Disclosed no conflict of interest.
Igei, Takahiro	Disclosed no conflict of interest.
Ignatius, Anita	Disclosed no conflict of interest.

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Ihekweazu, Ugonna^b 2: DePuy Synthes; 3B: DePuy Synthes; 4: ROMTech; 6: Fellowship Support: Smith and Nephew; 8: Journal of Arthroplasty; 9: AAHKS: Diversity Advisory Board and Education Committee.

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Ina, Jason^b 6: Educational support from Rock Medical Orthopedics, Inc.,

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Inaba, Yutaka^b	5: Stryker, Zimmer Biomet, Smith, and Nephew; 9: the Journal of Arthroplasty and Journal of Orthopaedic Science.
Inabathula, Avinash	Disclosed no conflict of interest.
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Incavo, Stephen J^b	3B: Zimmer Biomet, Microport Orthopaedics, Innomed, Kyocera Medical Corporation, Osteoremedies; 4: Cranial Devices, OrthoInnovate LLC.
Ingwer, Sarah^b	3A: Arthrex, Inc.
Inoue, Atsuo	Disclosed no conflict of interest.
Inoue, Hirokazu	Disclosed no conflict of interest.
Inoue, Jumpei	Disclosed no conflict of interest.
Inoue, Yu	Disclosed no conflict of interest.
Inoue, Yusuke	Disclosed no conflict of interest.
Intini, Claudio	Disclosed no conflict of interest.
Inui, Atsuyuki	Disclosed no conflict of interest.
Inui, Hiroshi	Disclosed no conflict of interest.
Inui, Takahiro	Disclosed no conflict of interest.
Inverardi, Nicoletta	Disclosed no conflict of interest.
Iozzo, Renato	Disclosed no conflict of interest.
Iozzo, Renato V	Disclosed no conflict of interest.
Irandoust, Soroush	Disclosed no conflict of interest.
Iriuchishima, Takanori	Disclosed no conflict of interest.
Irrgang, James	Disclosed no conflict of interest.
Irrgang, James J	Disclosed no conflict of interest.
Irshad, Suhail	Disclosed no conflict of interest.
Irwin, Rebecca	Disclosed no conflict of interest.
Irwin, Rebecca M	Disclosed no conflict of interest.
Isaacson, Brad	Disclosed no conflict of interest.

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Isales, Carlos	Disclosed no conflict of interest.
Iseki, Tomoya	Disclosed no conflict of interest.
Ishibashi, Hidenobu	Disclosed no conflict of interest.
Ishibashi, Teruya	Disclosed no conflict of interest.
Ishihara, Shingo	Disclosed no conflict of interest.
Ishii, Masaru	Disclosed no conflict of interest.
Ishii, Tomoo	Disclosed no conflict of interest.
Ishii, Yoshinori	Disclosed no conflict of interest.
Ishikawa, Hiroaki	Disclosed no conflict of interest.
Ishikawa, Kimi	Disclosed no conflict of interest.
Ishikawa, Koji	Disclosed no conflict of interest.
Ishikawa, Masakazu	Disclosed no conflict of interest.
Ishizu, Hotaka	Disclosed no conflict of interest.
Isleem, Ula	Disclosed no conflict of interest.
Isley, Makenna	Disclosed no conflict of interest.
Ismail, Heba MS	Disclosed no conflict of interest.
Ismail, Mostafa	Disclosed no conflict of interest.
Ismaily, Sabir K	Disclosed no conflict of interest.
Israel, Heidi	Disclosed no conflict of interest.
Istiak, Asif	Disclosed no conflict of interest.
Ito, Hiroshi	Disclosed no conflict of interest.
Ito, Kohta	Disclosed no conflict of interest.
Ito, Naoaki	Disclosed no conflict of interest.
Ito, Takanori	Disclosed no conflict of interest.
Ito, Toshihiko	Disclosed no conflict of interest.
Itoga, Ryo	Disclosed no conflict of interest.

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Itoh, Masafumi^b	2: Zimmer Biomet.
Itou, Junya	Disclosed no conflict of interest.
Iturregui, Jose	Disclosed no conflict of interest.
Iuchi, Tomohiro	Disclosed no conflict of interest.
Iura, Hirotaka	Disclosed no conflict of interest.
Ivashkiv, Lionel^b	3C: Eli Lilly and Company: Non-paid consultant.
Ivoc, Justin	Disclosed no conflict of interest.
Iwaguro, Hideki	Disclosed no conflict of interest.
Iwahashi, Toru	Disclosed no conflict of interest.
Iwamoto, Takuji	Disclosed no conflict of interest.
Iwasaki, Koji	Disclosed no conflict of interest.
Iwasaki, Norimasa	Disclosed no conflict of interest.
Iwasaki, Tsubasa	Disclosed no conflict of interest.
Iwata, Ken	Disclosed no conflict of interest.
Iwuagwu, Justin E	Disclosed no conflict of interest.
Iwuoha, Timothy	Disclosed no conflict of interest.
Ix, Joachim H.	Disclosed no conflict of interest.
Iyer, Avinash	Disclosed no conflict of interest.
Iyer, Sumant S.	Disclosed no conflict of interest.
Izquierdo, Samantha	Disclosed no conflict of interest.
Izuagbe, Samira	Disclosed no conflict of interest.
Izukashi, Kanako	Disclosed no conflict of interest.
Izumi, Masashi	Disclosed no conflict of interest.
Izzard, Taylor G	Disclosed no conflict of interest.
Jabbouri, Sahir S	Disclosed no conflict of interest.
Jaber, Ayham	Disclosed no conflict of interest.

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Jackson, Alicia	Disclosed no conflict of interest.
Jackson, Alicia R	Disclosed no conflict of interest.
Jackson, Emily	Disclosed no conflict of interest.
Jackson, Jordan	Disclosed no conflict of interest.
Jackson, Laura	Disclosed no conflict of interest.
Jackson, Olivia	Disclosed no conflict of interest.
Jacob, Jerril P	Disclosed no conflict of interest.
Jacobs, James^b	5: Tyber Medical LLC.
Jacobs, Joshua^b	3B: Medtronic Sofamor Danek; 4: Implant Protection; 5: Medtronic Sofamor Danek, Nuvasive, Zimmer.
Jacobs, Joshua J^b	1: Signature Orthopedics; 3B: Orthofix, Inc; 4: Hyalex; 7B: Journal of Bone and Joint Surgery; 8: Journal of Bone and Joint Surgery; 9: American Board of Orthopedic Surgery, Inc, Orthopedic Research and Education Foundation.
Jacobs, Michael A.	Disclosed no conflict of interest.
Jacobs, Philip	Disclosed no conflict of interest.
Jacobsen, Timothy	Disclosed no conflict of interest.
Jacobson, Alicia	Disclosed no conflict of interest.
Jaeger, Patrick	Disclosed no conflict of interest.
Jafry, Mubashir	Disclosed no conflict of interest.
Jaggarapu, Madhan Mohan Chandra Sekhar	Disclosed no conflict of interest.
Jagoda, Evelyn	Disclosed no conflict of interest.
Jagwani, Satveer^b	3C: Exactech.
Jahandar, Amirhossein	Disclosed no conflict of interest.
Jahn, Jacob	Disclosed no conflict of interest.
Jain, Avantika	Disclosed no conflict of interest.
Jain, Charu	Disclosed no conflict of interest.
Jain, Hitangee^b	5: Complete Orthopedics.

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Jakiche, Michael K	Disclosed no conflict of interest.
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James, Aaron W.	Disclosed no conflict of interest.
James, Crystal P	Disclosed no conflict of interest.
James, Mark	Disclosed no conflict of interest.
James, Nina	Disclosed no conflict of interest.
Jan, Kyleen	Disclosed no conflict of interest.
Jana, Aniket	Disclosed no conflict of interest.
Janda, Claudia	Disclosed no conflict of interest.
Jang, Albert	Disclosed no conflict of interest.
Jang, Seong	Disclosed no conflict of interest.
Jang, Young	Disclosed no conflict of interest.
Jang, Young C.	Disclosed no conflict of interest.
Jangolla, Surya	Disclosed no conflict of interest.
Jankauski, Mark	Disclosed no conflict of interest.
Jansen, Jan U.	Disclosed no conflict of interest.
Jansen, Lisa	Disclosed no conflict of interest.
Janssen, Dennis^b HIP international.	3B: Invivio Ltd; 5: DePuy Synthes, Invivio Ltd; 8: Biomechanics section of
Januszyk, Michael	Disclosed no conflict of interest.
Jar, Chester	Disclosed no conflict of interest.
Jarin, Ian	Disclosed no conflict of interest.
Jason, Sidrak P	Disclosed no conflict of interest.
Jasper, Ryan	Disclosed no conflict of interest.
Jawa, Andrew	Disclosed no conflict of interest.

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Jaworska, Nikola N	Disclosed no conflict of interest.
Jay, Gregory	Disclosed no conflict of interest.
Jayaram, Rahul	Disclosed no conflict of interest.
Jayasuriya, Chathuraka	Disclosed no conflict of interest.
Jayaswal, Daksh	Disclosed no conflict of interest.
Jeck, William R	Disclosed no conflict of interest.
Jeffers, Cameron	Disclosed no conflict of interest.
Jeffries, Matlock	Disclosed no conflict of interest.
Jeffries, Matlock A	Disclosed no conflict of interest.
Jelliss, Paul	Disclosed no conflict of interest.
Jenei-Lanzl, Zsuzsa	Disclosed no conflict of interest.
Jenkins, Danna	Disclosed no conflict of interest.
Jenkins, Derek	Disclosed no conflict of interest.
Jenkins, Thomas	Disclosed no conflict of interest.
Jenkins, Thomas L	Disclosed no conflict of interest.
Jennifer, Shue	Disclosed no conflict of interest.
Jenniifer, Kallini	Disclosed no conflict of interest.
Jennings, Jessica A^b	5: Chitozan Health, Comhar Group.
Jennings, Joshua	Disclosed no conflict of interest.
Jensen, Andrew	Disclosed no conflict of interest.
Jensen, Anna	Disclosed no conflict of interest.
Jensen, Brian D	Disclosed no conflict of interest.
Jensen, Joshua	Disclosed no conflict of interest.
Jeon, Yeojin	Disclosed no conflict of interest.
Jeong, Gunjae	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Jeong, HunJin	Disclosed no conflict of interest.
Jeong, Hyewoo	Disclosed no conflict of interest.
Jeray, Kyle	Disclosed no conflict of interest.
Jerban, Saeed	Disclosed no conflict of interest.
Jergova, Stanislava	Disclosed no conflict of interest.
Jernigan, Austin	Disclosed no conflict of interest.
Jestus, Jack	Disclosed no conflict of interest.
Jestus, John	Disclosed no conflict of interest.
Jestus, John W	Disclosed no conflict of interest.
Jha, Swaneet	Disclosed no conflict of interest.
Jia, Dongge	Disclosed no conflict of interest.
Jia, Katherine S.	Disclosed no conflict of interest.
Jia, Xinqiao	Disclosed no conflict of interest.
Jiang, Buchan	Disclosed no conflict of interest.
Jiang, Christopher	Disclosed no conflict of interest.
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Jiang, Will	Disclosed no conflict of interest.
Jiang, Xi	Disclosed no conflict of interest.
Jiang, Yangzi	Disclosed no conflict of interest.
Jimenez Mosquea, Thelma R	Disclosed no conflict of interest.
Jimenez, Andrew^b	5: Polaris Technology Solutions: support for education, Gotham Surgical Solutions & Devices: support for education, Midwest Associates: support for education; 6: Abbott Laboratories: hospitality payments.
Jin, Li	Disclosed no conflict of interest.
Jin, Ping	Disclosed no conflict of interest.
Jin, Y. Vincent	Disclosed no conflict of interest.
Jin, Zheyu	Disclosed no conflict of interest.

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Jing, Liufang	Disclosed no conflict of interest.
Jo, Suenghwan	Disclosed no conflict of interest.
Joaquin, Theodore	Disclosed no conflict of interest.
Joeng, Kyu Sang	Disclosed no conflict of interest.
Joergensen, Andrea Rene	Disclosed no conflict of interest.
Joffe, Avrum	Disclosed no conflict of interest.
Johannesdottir, Fjola	Disclosed no conflict of interest.
John, Whitaker	Disclosed no conflict of interest.
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Johnson, Austin^b	3A: Austin Johnson.
Johnson, Camille C.	Disclosed no conflict of interest.
Johnson, Casey P.	Disclosed no conflict of interest.
Johnson, Darren^b and Xiros.	3B: Linvatec, Smith + Nephew and Xiros.; 5: Linvatec, Smith + Nephew
Johnson, David	Disclosed no conflict of interest.
Johnson, Gregory	Disclosed no conflict of interest.
Johnson, Kory	Disclosed no conflict of interest.
Johnson, Micah	Disclosed no conflict of interest.
Johnson, Michele	Disclosed no conflict of interest.
Johnson, Quinn	Disclosed no conflict of interest.
Johnson, Soren	Disclosed no conflict of interest.
Johnson, Talayah	Disclosed no conflict of interest.
Johnson, Theana	Disclosed no conflict of interest.
Johnson, Zachary M.	Disclosed no conflict of interest.
Johnston, Benjamin B	Disclosed no conflict of interest.
Johnston, Tyler	Disclosed no conflict of interest.
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Jomha, Nadr M.^b	9: Board of Bioengineer Surgical Technologies Inc.
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Jonason, Jennifer	Disclosed no conflict of interest.
Jonathan, Jonathan	Disclosed no conflict of interest.
Jones, Calvin L.	Disclosed no conflict of interest.
Jones, Dakota	Disclosed no conflict of interest.
Jones, Deborah	Disclosed no conflict of interest.
Jones, Felicia	Disclosed no conflict of interest.
Jones, Kevin B	Disclosed no conflict of interest.
Jones, Kimberly	Disclosed no conflict of interest.
Jones, Luke W	Disclosed no conflict of interest.
Jones, Molly	Disclosed no conflict of interest.
Jones, Neil F.	Disclosed no conflict of interest.
Jones, Ruth	Disclosed no conflict of interest.
Jones, Ryan	Disclosed no conflict of interest.
Jonkers, Ilse	Disclosed no conflict of interest.
Jonnalagadda, Anshu	Disclosed no conflict of interest.
Joo, Min Wook	Disclosed no conflict of interest.
Joo, Peter B	Disclosed no conflict of interest.
Joo, Peter Y	Disclosed no conflict of interest.
Jordan Giordano, Jordan	Disclosed no conflict of interest.
Jordan, David	Disclosed no conflict of interest.
Jordan, Jacob	Disclosed no conflict of interest.
Jörimann, Thomas	Disclosed no conflict of interest.
Joshi, Nitin	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Jostein Haugen, Håvard	Disclosed no conflict of interest.
Joulin, Etienne	Disclosed no conflict of interest.
Joumaa, Venus	Disclosed no conflict of interest.
Joyce, David	Disclosed no conflict of interest.
Joyce, Michael	Disclosed no conflict of interest.
Joyner, Patrick	Disclosed no conflict of interest.
Jubashi, Takahiro	Disclosed no conflict of interest.
June, Ron^b were not involved in this study.	4: Dr. June owns stock in Beartooth Biotech and OpenBioWorks which
June, Ron K^b	4: Owns stock in startup companies, not related to this work.
June, Ronald K^b was not involved in this study.	4: Dr. June owns stock in Beartooth Biotech and OpenBioWorks which
Jung, Amaury^b	3A: Blue-Ortho; 4: Exactech.
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Jung, Jaeun	Disclosed no conflict of interest.
Junker, Marius	Disclosed no conflict of interest.
Juric, Matey	Disclosed no conflict of interest.
Juryneć, Mick	Disclosed no conflict of interest.
Jwayyed, Jalal	Disclosed no conflict of interest.
Jwayyed, Jalal S	Disclosed no conflict of interest.
Kaar, Scott G	Disclosed no conflict of interest.
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Kacmarcik, Claudia J	Disclosed no conflict of interest.
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Kaczynski, Emily	Disclosed no conflict of interest.
Kado, Deborah M.	Disclosed no conflict of interest.

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Kahan, Riley	Disclosed no conflict of interest.
Kahan, Seth	Disclosed no conflict of interest.
Kahan, Talia	Disclosed no conflict of interest.
Kahlenberg, Cynthia	Disclosed no conflict of interest.
Kahlenberg, Cynthia A	Disclosed no conflict of interest.
Kahn, Alexandra	Disclosed no conflict of interest.
Kahn, Mani D	Disclosed no conflict of interest.
Kaidi, Austin	Disclosed no conflict of interest.
Kaiser, Jarred	Disclosed no conflict of interest.
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Kaito, Takashi	Disclosed no conflict of interest.
Kajabi, Abdul Wahed	Disclosed no conflict of interest.
Kajazic, Ivo	Disclosed no conflict of interest.
Kaji, Elizabeth	Disclosed no conflict of interest.
Kaji, Yoshio	Disclosed no conflict of interest.
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Kakiage, Hibiki	Disclosed no conflict of interest.
Kakish, Samer	Disclosed no conflict of interest.
Kakulamarri, Shravya	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Kalazjic, Ivo	Disclosed no conflict of interest.
Kalco, Hana	Disclosed no conflict of interest.
Kalicharan, Betsy A	Disclosed no conflict of interest.
Kalshoven, Josephine	Disclosed no conflict of interest.
Kalyan, Gayatri	Disclosed no conflict of interest.
Kamachi, Masamune	Disclosed no conflict of interest.
Kamada, Kohei	Disclosed no conflict of interest.
Kamal, Fadia	Disclosed no conflict of interest.
Kamath, Rajay	Disclosed no conflict of interest.
Kamberi, Kastriot	Disclosed no conflict of interest.
Kamenaga, Tomoyuki	Disclosed no conflict of interest.
Kamijo, Shotaro	Disclosed no conflict of interest.
Kamio, Satoshi	Disclosed no conflict of interest.
Kamiya, Tomoaki	Disclosed no conflict of interest.
Kamiya, Yasunari	Disclosed no conflict of interest.
Kamm, Dakota R	Disclosed no conflict of interest.
Kammien, Alexander J	Disclosed no conflict of interest.
Kammire, Maria	Disclosed no conflict of interest.
Kanai, Susan	Disclosed no conflict of interest.
Kanakamedala, Ajay C.	Disclosed no conflict of interest.
Kanamiya, Rei	Disclosed no conflict of interest.
Kanamiya, Takeshi	Disclosed no conflict of interest.
Kanamoto, Takashi	Disclosed no conflict of interest.
Kanczler, Janos	Disclosed no conflict of interest.
Kanda, Yutaro	Disclosed no conflict of interest.

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Kandel, Rita	Disclosed no conflict of interest.
Kaneda, Giselle^b Scientific.	4: Intuitive Surgical, Pfizer Inc, Eli Lilly and Company, Thermo Fisher
Kaneda, Giselle	Disclosed no conflict of interest.
Kanelis, Exarchos	Disclosed no conflict of interest.
Kaneta, Hiroki	Disclosed no conflict of interest.
Kaneyama, Ryutaku	Disclosed no conflict of interest.
Kang, Hakmook	Disclosed no conflict of interest.
Kang, Hyun Koo	Disclosed no conflict of interest.
Kang, James	Disclosed no conflict of interest.
Kang, Jiwon	Disclosed no conflict of interest.
Kang, Kimun	Disclosed no conflict of interest.
Kang, Min Seo	Disclosed no conflict of interest.
Kanmodi, Rahmon	Disclosed no conflict of interest.
Kann, Michael	Disclosed no conflict of interest.
Kannambadi, Devika	Disclosed no conflict of interest.
Kanniyappan, Hemalatha	Disclosed no conflict of interest.
Kanto, Ryo	Disclosed no conflict of interest.
Kanumuri, Sanjana	Disclosed no conflict of interest.
Kanumuri, Sanjana D	Disclosed no conflict of interest.
Kanzaki, Koji	Disclosed no conflict of interest.
Kanzaki, Noriyuki	Disclosed no conflict of interest.
Kao, Chih-Ming	Disclosed no conflict of interest.
Kapfhamer, David	Disclosed no conflict of interest.
Kaplan, Heidi B	Disclosed no conflict of interest.
Kaplan, Lee	Disclosed no conflict of interest.
Kaplan, Lee D	Disclosed no conflict of interest.

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Kappen, Chloe	Disclosed no conflict of interest.
Kar, Saswati	Disclosed no conflict of interest.
Karakare, Nakul^b	3A: Complete Orthopedics.
Karali, Aikaterina	Disclosed no conflict of interest.
Karam, Joseph	Disclosed no conflict of interest.
Karamchedu, Padmini	Disclosed no conflict of interest.
Karamian, Brian	Disclosed no conflict of interest.
Karasavvidis, Theofilos	Disclosed no conflict of interest.
Kardestuncer, Kian	Disclosed no conflict of interest.
Kareff, Hannah J	Disclosed no conflict of interest.
Karimi, Amin	Disclosed no conflict of interest.
Karimi, Zahra	Disclosed no conflict of interest.
Karjalainen, Ville-Pauli	Disclosed no conflict of interest.
Karkache, Ismael	Disclosed no conflict of interest.
Karkare, Nakul	Disclosed no conflict of interest.
Karkenny, Alexa	Disclosed no conflict of interest.
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Karpale, Mikko	Disclosed no conflict of interest.
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Karppinen, Jaro	Disclosed no conflict of interest.
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Kashanian, Koorosh	Disclosed no conflict of interest.
Kashyap, Jayanth	Disclosed no conflict of interest.
Kasper, Kevin A	Disclosed no conflict of interest.

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Katagiri, Hiroki	Disclosed no conflict of interest.
Katakura, Mai	Disclosed no conflict of interest.
Kataoka, Kiminari	Disclosed no conflict of interest.
Kato, Jiro	Disclosed no conflict of interest.
Kato, Koji	Disclosed no conflict of interest.
Kato, Tatsuo	Disclosed no conflict of interest.
Kato, Tatsuo Kato	Disclosed no conflict of interest.
Katoh, Daisuke	Disclosed no conflict of interest.
Katoh, Hiroyuki	Disclosed no conflict of interest.
Kator, Jamie	Disclosed no conflict of interest.
Katsnelson, Beatrice M	Disclosed no conflict of interest.
Katsuki, Ryo	Disclosed no conflict of interest.
Katsumata, Toyohiro	Disclosed no conflict of interest.
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Katz, Ronit	Disclosed no conflict of interest.
Kaufhold, Isabelle	Disclosed no conflict of interest.
Kaufman, Kenton^b International.	5: OPOS Inc.; 8: Gait and Posture Prosthetics and Orthotics
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Kaushal, Gagan	Disclosed no conflict of interest.
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Kawabata, Shingo	Disclosed no conflict of interest.
Kawada, Akinobu	Disclosed no conflict of interest.
Kawada, Koki	Disclosed no conflict of interest.

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Kawai, Akira	Disclosed no conflict of interest.
Kawai, Toshiyuki	Disclosed no conflict of interest.
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Kawasaki, Makoto	Disclosed no conflict of interest.
Kawasaki, Tomonori	Disclosed no conflict of interest.
Kawashima, Itaru	Disclosed no conflict of interest.
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Kaya, Irem	Disclosed no conflict of interest.
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Kayaalp, M. Enes	Disclosed no conflict of interest.
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Kazemi, Masumeh	Disclosed no conflict of interest.
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Kazmers, Nikolas	Disclosed no conflict of interest.
Kazushi, Horita	Disclosed no conflict of interest.
Kazutaka, Otani	Disclosed no conflict of interest.

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Keeley, Timothy S.	Disclosed no conflict of interest.
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Keene, Douglas R	Disclosed no conflict of interest.
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Keller, Brian	Disclosed no conflict of interest.
Kelley, Joshua	Disclosed no conflict of interest.
Kelly, Daniel	Disclosed no conflict of interest.
Kelly, Devin	Disclosed no conflict of interest.
Kelly, Devin K.	Disclosed no conflict of interest.
Kelly, James M	Disclosed no conflict of interest.

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Kenawy, Hagar M	Disclosed no conflict of interest.
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Kennedy, Oran	Disclosed no conflict of interest.
Kenny, Ben	Disclosed no conflict of interest.
Kent, Daniel	Disclosed no conflict of interest.
Kent, William T.	Disclosed no conflict of interest.
Kenter, Mitchell	Disclosed no conflict of interest.
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Keogh, Michael	Disclosed no conflict of interest.
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Kepler, Christopher K^b	1: Camber; 8: Clinical Spine Surgery.
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Kersh, Mariana	Disclosed no conflict of interest.
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Khadem, Soha	Disclosed no conflict of interest.
Khademhosseini, Ali	Disclosed no conflict of interest.
Khalafallah, Youssef	Disclosed no conflict of interest.

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Khan, Mohd Nazir	Disclosed no conflict of interest.
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Khan, Shujaa T	Disclosed no conflict of interest.
Khan, Zeeshan	Disclosed no conflict of interest.
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Khatib, Nidal	Disclosed no conflict of interest.
Khawaja, Sameer	Disclosed no conflict of interest.
Khawaja, Sameer R.	Disclosed no conflict of interest.
Khazae, Khashayar	Disclosed no conflict of interest.
Khilnani, Tyler	Disclosed no conflict of interest.
Kho, Abel N	Disclosed no conflict of interest.
Khodabandeloo, Sadegh	Disclosed no conflict of interest.
Kholodovsky, Eric	Disclosed no conflict of interest.
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Kido, Masamitsu	Disclosed no conflict of interest.
Kido, Yusuke	Disclosed no conflict of interest.
Kierstead, Eva M	Disclosed no conflict of interest.

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Kiick, Kristi	Disclosed no conflict of interest.
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Killen, Bryce A.	Disclosed no conflict of interest.
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Kim, Harry	Disclosed no conflict of interest.
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Kim, Jeonghyun	Disclosed no conflict of interest.
Kim, Jianna	Disclosed no conflict of interest.
Kim, Jisun	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Kim, Kang-Il	Disclosed no conflict of interest.
Kim, Lucas	Disclosed no conflict of interest.
Kim, Lucas Y	Disclosed no conflict of interest.
Kim, Mark (Min Kyu) M.	Disclosed no conflict of interest.
Kim, Minji	Disclosed no conflict of interest.
Kim, Myung-Seo	Disclosed no conflict of interest.
Kim, Nancy	Disclosed no conflict of interest.
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Kim, Sung Yeon	Disclosed no conflict of interest.
Kim, Sungwoo	Disclosed no conflict of interest.
Kim, Sunjung	Disclosed no conflict of interest.
Kim, Wook-Cheol	Disclosed no conflict of interest.
Kim, Wooyoung	Disclosed no conflict of interest.
Kim, Youjung	Disclosed no conflict of interest.
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Kim, Yu Seon	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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King, Justin S	Disclosed no conflict of interest.
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Kinjo, Hideo	Disclosed no conflict of interest.
Kinkaid, Jeffrey N	Disclosed no conflict of interest.
Kinoshita, Yutaka	Disclosed no conflict of interest.
Kinsler, Leigh	Disclosed no conflict of interest.
Kintaka, Keisuke	Disclosed no conflict of interest.
Kiritsis, Nicholas R	Disclosed no conflict of interest.
Kirsch, Jacob	Disclosed no conflict of interest.
Kirsch, Thorsten	Disclosed no conflict of interest.
Kirschbaum, Stephanie	Disclosed no conflict of interest.
Kirwood, Kate	Disclosed no conflict of interest.
Kishi, Tatsuya	Disclosed no conflict of interest.
Kishikawa, Koichiro	Disclosed no conflict of interest.
Kisiel, Sara	Disclosed no conflict of interest.
Kissenberth, Michael	Disclosed no conflict of interest.
Kiss-Toth, Endre	Disclosed no conflict of interest.
Kitahara, Keita	Disclosed no conflict of interest.
Kitahara, Takayuki	Disclosed no conflict of interest.
Kitamura, Kenji	Disclosed no conflict of interest.
Kitamura, Nobuto	Disclosed no conflict of interest.
Kitchen, Joseph	Disclosed no conflict of interest.
Kitoh, Hiroshi	Disclosed no conflict of interest.

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Kiwinda, Lulla	Disclosed no conflict of interest.
Kiyama, Daisuke	Disclosed no conflict of interest.
Kiyota, Yasuhiro	Disclosed no conflict of interest.
Klavina, Paula	Disclosed no conflict of interest.
Klavins, Kristaps	Disclosed no conflict of interest.
Klaylat, Tarek	Disclosed no conflict of interest.
Klee, Alexis	Disclosed no conflict of interest.
Klein, Arthur	Disclosed no conflict of interest.
Klika, Alison	Disclosed no conflict of interest.
Kling, Adam	Disclosed no conflict of interest.
Kloefkorn, Heidi	Disclosed no conflict of interest.
Kloser, Heidi	Disclosed no conflict of interest.
Klotz, Matt	Disclosed no conflict of interest.
Klotz, Matthew	Disclosed no conflict of interest.
Klyce, Walter	Disclosed no conflict of interest.
Klyne, David M	Disclosed no conflict of interest.
Knapp, Justin L	Disclosed no conflict of interest.
Knebel, Ashley	Disclosed no conflict of interest.
Kneeland, Bruce J.	Disclosed no conflict of interest.
Knezic, Noah	Disclosed no conflict of interest.
Knight, Ashley^b	3A: Stryker Corporation.
Knight, Martin	Disclosed no conflict of interest.
Knight, Spencer	Disclosed no conflict of interest.
Knights, Alexander	Disclosed no conflict of interest.
Knowlton, Christopher	Disclosed no conflict of interest.
Knutsen, Karsten	Disclosed no conflict of interest.

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Knutson, Kassidy	Disclosed no conflict of interest.
Ko, Frank C	Disclosed no conflict of interest.
Ko, Jina	Disclosed no conflict of interest.
Ko, Peter	Disclosed no conflict of interest.
Ko, Po-Yen	Disclosed no conflict of interest.
Kobayashi, Eisuke	Disclosed no conflict of interest.
Kobayashi, Hideyuki	Disclosed no conflict of interest.
Kobayashi, Koichi	Disclosed no conflict of interest.
Kobayashi, Makoto	Disclosed no conflict of interest.
Kobayashi, Masanori	Disclosed no conflict of interest.
Kobayashi, Naomi	Disclosed no conflict of interest.
Kobayashi, Takashi	Disclosed no conflict of interest.
Kobayashi, Yumiko	Disclosed no conflict of interest.
Kobayashi, Yusuke	Disclosed no conflict of interest.
Kocan, Joe	Disclosed no conflict of interest.
Koch, Drew	Disclosed no conflict of interest.
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Koch, Marc P.	Disclosed no conflict of interest.
Kodra, Jacob	Disclosed no conflict of interest.
Kodra, Jacob D	Disclosed no conflict of interest.
Koehne, Niklas	Disclosed no conflict of interest.
Koehne, Niklas H	Disclosed no conflict of interest.
Koenig, Judith	Disclosed no conflict of interest.
Koff, Matthew	Disclosed no conflict of interest.
Koff, Matthew F^b	8: Journal of Orthopaedic Research.
Koga, Hideyuki	Disclosed no conflict of interest.

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Koh, Jason	Disclosed no conflict of interest.
Kohei, Motono	Disclosed no conflict of interest.
Kohler, Helena	Disclosed no conflict of interest.
Köhli, Paul	Disclosed no conflict of interest.
Köhli, Paul C	Disclosed no conflict of interest.
Kohring, Adam	Disclosed no conflict of interest.
Kohsaka, Shinji	Disclosed no conflict of interest.
Kohyama, Sho	Disclosed no conflict of interest.
Koike, Nobuya	Disclosed no conflict of interest.
Koivunen, Peppi	Disclosed no conflict of interest.
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Kojouri, Rostam	Disclosed no conflict of interest.
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Kokinos, Brittney	Disclosed no conflict of interest.
Kokubu, Yasuhiko	Disclosed no conflict of interest.
Kokubun, Takanori	Disclosed no conflict of interest.
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Kolawole, Abimbola	Disclosed no conflict of interest.
Kölbl, Christoph	Disclosed no conflict of interest.
Kolli, Himani	Disclosed no conflict of interest.
Koltenyuk, Victor	Disclosed no conflict of interest.
Koltsov, Jayme	Disclosed no conflict of interest.

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Komatsu, David	Disclosed no conflict of interest.
Komatsu, David E	Disclosed no conflict of interest.
Komatsu, David E.	Disclosed no conflict of interest.
Komatsubara, Satoshi	Disclosed no conflict of interest.
Komisurak, Barry R.	Disclosed no conflict of interest.
Konda, Shoji	Disclosed no conflict of interest.
Kondiboyina, Vineel	Disclosed no conflict of interest.
Kondo, Eiji	Disclosed no conflict of interest.
Kondo, Hyuma	Disclosed no conflict of interest.
Kondo, Yoichi	Disclosed no conflict of interest.
Kono, Hiroyuki	Disclosed no conflict of interest.
Kono, Kenichi	Disclosed no conflict of interest.
Kono, Sotaro	Disclosed no conflict of interest.
Konopka, Adam R	Disclosed no conflict of interest.
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Kontaxis, Andreas	Disclosed no conflict of interest.
Kontoudis, George P	Disclosed no conflict of interest.
Kopchick, John	Disclosed no conflict of interest.
Kopchick, John J	Disclosed no conflict of interest.
Koppala, Bhavesh Reddy	Disclosed no conflict of interest.
Korabelnikov, Tomer	Disclosed no conflict of interest.
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Korhonen, Rami	Disclosed no conflict of interest.
Korhonen, Rami K.	Disclosed no conflict of interest.
Korna, Farida	Disclosed no conflict of interest.
Kornbluth, Jacki	Disclosed no conflict of interest.

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Koroma, Yaaminata	Disclosed no conflict of interest.
Koroneos, Zachary A	Disclosed no conflict of interest.
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Korpershoek, Jasmijn	Disclosed no conflict of interest.
Korte, Laura	Disclosed no conflict of interest.
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Koshe, Anusha	Disclosed no conflict of interest.
Kosinski, Andrzej S	Disclosed no conflict of interest.
Kosk, Dariusz	Disclosed no conflict of interest.
Kosmac, Kate	Disclosed no conflict of interest.
Kosnik, Cora	Disclosed no conflict of interest.
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Kotani, Kazuki	Disclosed no conflict of interest.
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Kotsaris, Giorgos	Disclosed no conflict of interest.
Kotseos, Chandler	Disclosed no conflict of interest.
Kouroupis, Dimitrios	Disclosed no conflict of interest.
Kowalski, Erik	Disclosed no conflict of interest.
Kowlagi, Narasimharao	Disclosed no conflict of interest.
Koya, Takayuki	Disclosed no conflict of interest.
Koyama, Eiki	Disclosed no conflict of interest.
Koyanagi-Aoi, Michiyo	Disclosed no conflict of interest.
Kozlowski, Gabrielle	Disclosed no conflict of interest.
Kozuma, Yousuke	Disclosed no conflict of interest.
Krajcir, Christopher	Disclosed no conflict of interest.
Krajewski, Kellen T	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Krakora, Emelia	Disclosed no conflict of interest.
Kramer, Jack	Disclosed no conflict of interest.
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Kraus, Jonathan C	Disclosed no conflict of interest.
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Kritselis, Andrew	Disclosed no conflict of interest.
Kröger, Heikki	Disclosed no conflict of interest.
Kroll, Emma E	Disclosed no conflict of interest.
Kronek, Jakub	Disclosed no conflict of interest.
Kronemberger, Gabriela	Disclosed no conflict of interest.
Kronk, Trinity	Disclosed no conflict of interest.
Kronk, Trinity A	Disclosed no conflict of interest.
Kroon, Tori	Disclosed no conflict of interest.
Kropf, Eric	Disclosed no conflict of interest.
Kroupa, Kimberly	Disclosed no conflict of interest.
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Kruckeberg, Bradley M.	Disclosed no conflict of interest.
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Krueger, Diane	Disclosed no conflict of interest.
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Kruger, Karen	Disclosed no conflict of interest.

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Kubsad, Sanjay	Disclosed no conflict of interest.
Kucharik, Michael	Disclosed no conflict of interest.
Kucharik, Michael P	Disclosed no conflict of interest.
Kuczynski, Michael T.	Disclosed no conflict of interest.
Kudo, Takamasa	Disclosed no conflict of interest.
Kudo, Yoshifumi	Disclosed no conflict of interest.
Kuhn, Melanie R.	Disclosed no conflict of interest.
Kuhn, Mike Z	Disclosed no conflict of interest.
Kuhns, Benjamin	Disclosed no conflict of interest.
Kuklo, Laura	Disclosed no conflict of interest.
Kulkarni, Neha	Disclosed no conflict of interest.
Kulkarni, Simran	Disclosed no conflict of interest.
Kulzhanova, Gulzada	Disclosed no conflict of interest.
Kumabe, Yohei	Disclosed no conflict of interest.
Kumagai, Ken	Disclosed no conflict of interest.
Kumagai, Naotoshi	Disclosed no conflict of interest.
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Kundu, Paromita	Disclosed no conflict of interest.
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Kupratis, Meghan E.	Disclosed no conflict of interest.
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Kuroki, Keiichi	Disclosed no conflict of interest.
Kuroo, Motoki	Disclosed no conflict of interest.
Kuroshima, Kohei	Disclosed no conflict of interest.
Kurtz, Michael	Disclosed no conflict of interest.

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Kutzer, Katherine	Disclosed no conflict of interest.
Kuwashima, Umito	Disclosed no conflict of interest.
Kuyl, Emile-Victor	Disclosed no conflict of interest.
Kuznetsov, Mikhail	Disclosed no conflict of interest.
Kwoh, Kent	Disclosed no conflict of interest.
Kwok, Bryan	Disclosed no conflict of interest.
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Kyung, Min Gyu	Disclosed no conflict of interest.
Labberté, Margot	Disclosed no conflict of interest.
Labberté, Margot C.	Disclosed no conflict of interest.
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Lambert, Bradley	Disclosed no conflict of interest.
Lambert, Bradley S	Disclosed no conflict of interest.
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Langford, Jordan S.	Disclosed no conflict of interest.
Lansdown, Drew A.^b	3B: Vericel Corporation; 7A: Arthrex/Evolution Surgical.

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LaPorte, Dawn	Disclosed no conflict of interest.
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Lartey, Richard	Disclosed no conflict of interest.
Lassiter, Eric M	Disclosed no conflict of interest.
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Latt, Daniel^b	3B: Paragon 28; 4: ROM Tech Inc; 8: American Journal of Sports Medicine.
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Lau, Justin	Disclosed no conflict of interest.
Lauck, Bradley	Disclosed no conflict of interest.
Lauder, Alexander	Disclosed no conflict of interest.
Laudier, Damien	Disclosed no conflict of interest.

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Laughlin, Ruple	Disclosed no conflict of interest.
Laumonier, Thomas	Disclosed no conflict of interest.
Laungani, Dev	Disclosed no conflict of interest.
Lavi, Aaron B.	Disclosed no conflict of interest.
Lavoie-Gagne, Ophelie	Disclosed no conflict of interest.
Law, Sheung Wai	Disclosed no conflict of interest.
Lawand, Jad	Disclosed no conflict of interest.
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Lawrence, Brandon	Disclosed no conflict of interest.
Lawrence, John T	Disclosed no conflict of interest.
Lawrence, Rebekah	Disclosed no conflict of interest.
Lawrenz, Joshua	Disclosed no conflict of interest.
Lawson, Lisa Y	Disclosed no conflict of interest.
Laychur, Andrew	Disclosed no conflict of interest.
Layne, Jonathan E	Disclosed no conflict of interest.
Layne, Jonny	Disclosed no conflict of interest.
Layuno-Matos, Josué G	Disclosed no conflict of interest.
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Laz, Peter J	Disclosed no conflict of interest.
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Le, Austin	Disclosed no conflict of interest.
Le, Don	Disclosed no conflict of interest.
Le, Thanh	Disclosed no conflict of interest.
Leach, J. Kent	Disclosed no conflict of interest.

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Lebens, Ryan	Disclosed no conflict of interest.
Leber, Christian	Disclosed no conflict of interest.
LeBrasseur, Nathan K.	Disclosed no conflict of interest.
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Lee, Beth	Disclosed no conflict of interest.
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Lee, Byungho	Disclosed no conflict of interest.
Lee, Cadence	Disclosed no conflict of interest.
Lee, Chang	Disclosed no conflict of interest.
Lee, Changkyu	Disclosed no conflict of interest.
Lee, Cody	Disclosed no conflict of interest.
Lee, Dong Yeon	Disclosed no conflict of interest.
Lee, Donghwan	Disclosed no conflict of interest.
Lee, Erica	Disclosed no conflict of interest.
Lee, Francis	Disclosed no conflict of interest.

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Lee, Joon	Disclosed no conflict of interest.
Lee, Joonoh	Disclosed no conflict of interest.
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Lee, Moon Hwan	Disclosed no conflict of interest.
Lee, Nan Hee	Disclosed no conflict of interest.
Lee, Peter	Disclosed no conflict of interest.
Lee, Ryan	Disclosed no conflict of interest.
Lee, Sang Hyun	Disclosed no conflict of interest.
Lee, Sang Jin	Disclosed no conflict of interest.
Lee, Sang Yang	Disclosed no conflict of interest.

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Lee, Serene	Disclosed no conflict of interest.
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Lee, Siyoung	Disclosed no conflict of interest.
Lee, Sukhee	Disclosed no conflict of interest.
Lee, Suk-Hee	Disclosed no conflict of interest.
Lee, Sungjae	Disclosed no conflict of interest.
Lee, Sunhyung	Disclosed no conflict of interest.
Lee, Sunray	Disclosed no conflict of interest.
Lee, Sydney	Disclosed no conflict of interest.
Lee, Tien-Ching	Disclosed no conflict of interest.
Lee, Vincent	Disclosed no conflict of interest.
Lee, Whasil	Disclosed no conflict of interest.
Lee, Wonsae	Disclosed no conflict of interest.
Lee, Yeon Kyung	Disclosed no conflict of interest.
Lee, Yeon-Hee	Disclosed no conflict of interest.
Lee, Yuk Wa	Disclosed no conflict of interest.
Lee, Yunsoo	Disclosed no conflict of interest.
Lefebvre, Véronique	Disclosed no conflict of interest.
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Lehenbauer, Corder	Disclosed no conflict of interest.
Lehenbauer, Corder E	Disclosed no conflict of interest.
Lehmidi, Mysim	Disclosed no conflict of interest.
Lehoczky, Jessica	Disclosed no conflict of interest.
Lehoux, Eric A	Disclosed no conflict of interest.

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Leibold, Chris	Disclosed no conflict of interest.
Leila Henessey, Leila	Disclosed no conflict of interest.
Lekkala, Sashank	Disclosed no conflict of interest.
LeMaitre, Jean-Marc	Disclosed no conflict of interest.
Lemma, Mesfin	Disclosed no conflict of interest.
Lemmon, Elisabeth	Disclosed no conflict of interest.
Lemonick, Michael	Disclosed no conflict of interest.
Lemons, Meghan	Disclosed no conflict of interest.
Lenz, Amy	Disclosed no conflict of interest.
Lenz, Charlotte	Disclosed no conflict of interest.
Lenz, Kristin	Disclosed no conflict of interest.
Lenz, Kristin L	Disclosed no conflict of interest.
Leonard, Kyra	Disclosed no conflict of interest.
Leong, Steven	Disclosed no conflict of interest.
Leporace, Gustavo	Disclosed no conflict of interest.
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Lester, Samuel	Disclosed no conflict of interest.
Lett, Kawasi M	Disclosed no conflict of interest.
Leucht, Philipp	Disclosed no conflict of interest.
Leung, Victor	Disclosed no conflict of interest.

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LeVasseur, Clarissa M.	Disclosed no conflict of interest.
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Levy, Hannah A.	Disclosed no conflict of interest.
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Lewis, Greg	Disclosed no conflict of interest.
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Li, Albert	Disclosed no conflict of interest.
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Li, Bingyun	Disclosed no conflict of interest.
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Li, Jun	Disclosed no conflict of interest.
Li, Li	Disclosed no conflict of interest.
Li, Liping	Disclosed no conflict of interest.
Li, Mei	Disclosed no conflict of interest.
Li, Meng Chen Michelle	Disclosed no conflict of interest.
Li, Neill	Disclosed no conflict of interest.
Li, Qing	Disclosed no conflict of interest.
Li, Ryan	Disclosed no conflict of interest.
Li, Samuel Q	Disclosed no conflict of interest.
Li, Shu Qiu	Disclosed no conflict of interest.
Li, Teresa	Disclosed no conflict of interest.
Li, Thomas	Disclosed no conflict of interest.
Li, Tiandao	Disclosed no conflict of interest.
Li, Ting	Disclosed no conflict of interest.
Li, Wenhui	Disclosed no conflict of interest.
Li, Xiaojuan^b	8: Osteoarthritis and Cartilage.
Li, Xudong (Joshua)	Disclosed no conflict of interest.
Li, Xuejun	Disclosed no conflict of interest.
Li, Yihan	Disclosed no conflict of interest.
Li, Yuanke	Disclosed no conflict of interest.
Li, Zhao	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Li, Zhengliang	Disclosed no conflict of interest.
Li, Zhijun	Disclosed no conflict of interest.
Li, Zhiyong	Disclosed no conflict of interest.
Li, Zhong (Alan)	Disclosed no conflict of interest.
Li, Zizhao	Disclosed no conflict of interest.
Li, Zong-Ming	Disclosed no conflict of interest.
Liang, Haixiang	Disclosed no conflict of interest.
Liang, Qianqian	Disclosed no conflict of interest.
Liang, Qiushi	Disclosed no conflict of interest.
Liao, Junhan	Disclosed no conflict of interest.
LiArno, Sally^b	3A: Paid Employee of Stryker; 4: Stock or Stock Options.
Liberman, Shari	Disclosed no conflict of interest.
Lichtenberg, Axel B	Disclosed no conflict of interest.
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Lidgren, Lars^b	4: Owns stock in Moroxite T AB; 9: Board member Moroxite T AB.
Lidgren, Mathias^b Sweden.	3A: CMO of Moroxite T AB, Sweden; 9: Board member Moroxite T AB,
Lieber, Richard^b Inc.	1: Wolters Kluwer; 2: Elsass Foundation; 3B: AbbVie, Inc.; 5: Experimur,
Lieberman, Jay^b	1: DePuy: A Johnson & Johnson Company; 3B: DePuy: A Johnson & Johnson Company; 4: BD Surgiphor, Hip Innovations Technologies; 7A: Saunders/Mosby-Elsevier; 9: AAOS, Hip Society, Musculoskeletal Transplant Foundation, Western Orthopaedic Association.
Lieberman, Jay R^b	1: DePuy, Inc; 3B: DePuy, Inc; 4: Hip Innovation Technology; 7B: Saunders/Mosby-Elsevier; 9: Western Orthopaedic Association, The Hip Society, MTF Medical Board of Trustees, Journal of Arthroplasty.
Liebmann, Kevin	Disclosed no conflict of interest.
Liebskind, Bernard^b	3A: Paid Employee of Stryker.
Lief, Sean	Disclosed no conflict of interest.
Liefer, Addison L	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Liffrig, Jack	Disclosed no conflict of interest.
Lijnzaad, philip	Disclosed no conflict of interest.
Liku, Miya	Disclosed no conflict of interest.
Lillyman, David J	Disclosed no conflict of interest.
Lim, Marie Kimberly Y	Disclosed no conflict of interest.
Limpisvasti, Orr^b	5: Arthrex; 7A: Arthrex.
Lin, Albert^b	1: ARTHREX; 3A: STRYKER, ARTHREX, RESORE 3D; 7A: ARTHREX; 9: AMERICAN SHOULDER AND ELBOW SOCIETY, INTERNATIONAL SOCIETY OF ARTHROSCOPY, KNEE SURGERY and ORTHOPAEDIC SPORTS MEDICINE, ROTATOR CUFF STUDY GROUP, CHINESE CANADIAN AND AMERICAN SHOULDER AND ELBOW SOCIETY, JOURNAL OF BONE AND JOINT SURGERY CASE CONNECTOR, ARTHROSCOPY JOURNAL, ANNALS IN JOINT, KSSTA, JISAKOS.
Lin, Alisia	Disclosed no conflict of interest.
Lin, Angela	Disclosed no conflict of interest.
Lin, Angela^b	4: Restor3D.
Lin, Angela S P	Disclosed no conflict of interest.
Lin, Chun Ru	Disclosed no conflict of interest.
Lin, Clifford	Disclosed no conflict of interest.
Lin, Crystal	Disclosed no conflict of interest.
Lin, Eugenia	Disclosed no conflict of interest.
Lin, Haiming	Disclosed no conflict of interest.
Lin, Hang	Disclosed no conflict of interest.
Lin, Jefi	Disclosed no conflict of interest.
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Lin, Kris	Disclosed no conflict of interest.
Lin, Renn-Chia	Disclosed no conflict of interest.
Lin, Ryan	Disclosed no conflict of interest.
Lin, Ryan T	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Lin, Sheldon^b	1: Dr. Sheldon S. Lin is listed as an inventor on international application number: PCT/US2011/021296.
Lin, Wujian	Disclosed no conflict of interest.
Lin, Yen-Sheng	Disclosed no conflict of interest.
Lin, Yi-Shan	Disclosed no conflict of interest.
Lin, Yuewei	Disclosed no conflict of interest.
Linares, Isabelle	Disclosed no conflict of interest.
Lind, Dane	Disclosed no conflict of interest.
Lind, Dane RG	Disclosed no conflict of interest.
Lind, Daniel	Disclosed no conflict of interest.
Lindberg, Gabriella	Disclosed no conflict of interest.
Lindberg, Gabriella C.J.	Disclosed no conflict of interest.
Linder, Emily	Disclosed no conflict of interest.
Lindner, Volkhard	Disclosed no conflict of interest.
Lindsay, Adam	Disclosed no conflict of interest.
Lindsay, Adam D	Disclosed no conflict of interest.
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Ling, Kenny	Disclosed no conflict of interest.
Ling, Romona^b	5: Complete Orthopedics.
Link, Thomas	Disclosed no conflict of interest.
Linti, Carsten	Disclosed no conflict of interest.
Lipat, Ania L.	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Lipetz, Jason^b	3B: BioRestorative Therapies.
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Littman, Jake	Disclosed no conflict of interest.
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Liu, Boyuan	Disclosed no conflict of interest.
Liu, Chao	Disclosed no conflict of interest.
Liu, Chaoran	Disclosed no conflict of interest.
Liu, Chuan-ju	Disclosed no conflict of interest.
Liu, Cyong-yue	Disclosed no conflict of interest.
Liu, David	Disclosed no conflict of interest.
Liu, Fang	Disclosed no conflict of interest.
Liu, Feihong	Disclosed no conflict of interest.
Liu, Guanglu	Disclosed no conflict of interest.
Liu, Huanhuan	Disclosed no conflict of interest.
Liu, Jennifer	Disclosed no conflict of interest.
Liu, Jessica	Disclosed no conflict of interest.
Liu, Jessie (Jun)	Disclosed no conflict of interest.
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Liu, Jin	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Liu, Jonathan	Disclosed no conflict of interest.
Liu, Martin H	Disclosed no conflict of interest.
Liu, Mengyao	Disclosed no conflict of interest.
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Liu, Scott	Disclosed no conflict of interest.
Liu, Sihan	Disclosed no conflict of interest.
Liu, Songyun	Disclosed no conflict of interest.
Liu, Stephanie	Disclosed no conflict of interest.
Liu, Stephen	Disclosed no conflict of interest.
Liu, X. Sherry	Disclosed no conflict of interest.
Liu, Xiaomeng	Disclosed no conflict of interest.
Liu, Xiaoxi	Disclosed no conflict of interest.
Liu, Xue-Cheng	Disclosed no conflict of interest.
Liu, Xuhui	Disclosed no conflict of interest.
Liu, Yajun	Disclosed no conflict of interest.
Liu, Yakui	Disclosed no conflict of interest.
Liu, Yang	Disclosed no conflict of interest.
Liu, Yibin	Disclosed no conflict of interest.
Liu, Yongjian	Disclosed no conflict of interest.
Liu, Yuchen	Disclosed no conflict of interest.
Liu, Yuhao	Disclosed no conflict of interest.
Liu, Zachary	Disclosed no conflict of interest.

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Liu, Zhaoyang	Disclosed no conflict of interest.
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Liu, Zun	Disclosed no conflict of interest.
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Lizzio, Vincent	Disclosed no conflict of interest.
Lo, Hon lok	Disclosed no conflict of interest.
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Lobaton, Gilberto	Disclosed no conflict of interest.
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Long, William T	Disclosed no conflict of interest.
Longaker, Michael T	Disclosed no conflict of interest.
Longo, Valerie A	Disclosed no conflict of interest.
Longstaffe, Robert	Disclosed no conflict of interest.
Loots, Gabriela	Disclosed no conflict of interest.

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Loots, Gabriela G	Disclosed no conflict of interest.
Lopes, Andre	Disclosed no conflict of interest.
Lopez, Cesar	Disclosed no conflict of interest.
Lopez, Edgar	Disclosed no conflict of interest.
Lopez, Jonathan	Disclosed no conflict of interest.
Lopez, Mandi J^b	8: Associate Editor of Veterinary Surgery.
Lopez, Ramiro	Disclosed no conflict of interest.
Lorenz, Gabrielle	Disclosed no conflict of interest.
Loss, Jeremy	.
Lott, Ariana	Disclosed no conflict of interest.
Lotz, Jeffrey	Disclosed no conflict of interest.
Lotz, Martin	Disclosed no conflict of interest.
Lotz, Martin K	Disclosed no conflict of interest.
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Löwe, Nicolas	Disclosed no conflict of interest.
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Lowe, Walter R.	Disclosed no conflict of interest.
Loya, Amy	Disclosed no conflict of interest.
Lozano, Alicia	Disclosed no conflict of interest.
Lozano-Calderon, Santiago	Disclosed no conflict of interest.
Lozano-Calderon, Santiago A	Disclosed no conflict of interest.
Lu, Aiping	Disclosed no conflict of interest.
Lu, Cheng-Chang	Disclosed no conflict of interest.
Lu, Chenyang	Disclosed no conflict of interest.
Lu, Helen H.	Disclosed no conflict of interest.

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Lu, Hongbin	Disclosed no conflict of interest.
Lu, John M	Disclosed no conflict of interest.
Lu, Kira	Disclosed no conflict of interest.
Lu, Ko-Hsiu	Disclosed no conflict of interest.
Lu, Peace Wun-Ang	Disclosed no conflict of interest.
Lu, Qinghua	Disclosed no conflict of interest.
Lu, Qiuhe	Disclosed no conflict of interest.
Lu, Ruqiang^b	5: Acuitive Technologies.
Lu, Theres^b	2: Bristol Meyers Squibb; 3B: Grifols, Pfizer.
Lu, X. Lucas	Disclosed no conflict of interest.
Lu, Xiaoya J	Disclosed no conflict of interest.
Lu, Yangfan	Disclosed no conflict of interest.
Lu, Yibing	Disclosed no conflict of interest.
Lu, Yiming	Disclosed no conflict of interest.
Lu, Zhihua	Disclosed no conflict of interest.
Luan, Shengzhi	Disclosed no conflict of interest.
Lucaciu, Andreea	Disclosed no conflict of interest.
Lucas, Abigail	Disclosed no conflict of interest.
Lucido, Jeffrey V	Disclosed no conflict of interest.
Lucina, Lauren	Disclosed no conflict of interest.
Luck, Connor^b	3A: UPMC.
Luczkow, Cyrus	Disclosed no conflict of interest.
Ludewig, Paula	Disclosed no conflict of interest.
Luehmann, Hannah	Disclosed no conflict of interest.
Luetmer, Marianne	Disclosed no conflict of interest.
Lugo, Paulina Bargalló González	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Luhmann, Meredith	Disclosed no conflict of interest.
Lui, Elaine	Disclosed no conflict of interest.
Lui, Josephine	Disclosed no conflict of interest.
Lui, Pauline Po Yee	Disclosed no conflict of interest.
Lum, Zachary	Disclosed no conflict of interest.
Lum, Zachary C	Disclosed no conflict of interest.
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Lundin, Mia A	Disclosed no conflict of interest.
Lunn, Kiera	Disclosed no conflict of interest.
Luo, Emily^b	4: Sana Biotechnology.
Luo, Junchao	Disclosed no conflict of interest.
Luo, Lijun	Disclosed no conflict of interest.
Luo, Qi	Disclosed no conflict of interest.
Luo, Xuan	Disclosed no conflict of interest.
Lupu, John	Disclosed no conflict of interest.
Lustig, Sébastien^b	3B: Stryker.
Lutnick, Ellen	Disclosed no conflict of interest.
Luzo, Marcus	Disclosed no conflict of interest.
Ly, Aaron	Disclosed no conflict of interest.
Ly, Thuan V.^b	2: AO Foundation; 9: Orthopaedic Trauma Association.
Lydon, Katherine L	Disclosed no conflict of interest.
Lyman, Stephen	Disclosed no conflict of interest.
Lynch, John A	Disclosed no conflict of interest.
Lyons, Steve T^b	1: Zimmer; 3B: Zimmer; 4: Amedica, Zimmer; 8: Journal of Arthroplasty.
Ma, Chao	Disclosed no conflict of interest.
Ma, Chi	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Ma, Gabrielle C	Disclosed no conflict of interest.
Ma, Hilda	Disclosed no conflict of interest.
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Ma, Richard^b	5: Cartiheal, Moximed Novocart; 8: J of BJS-American; 9: AAOS, ACSM, AOA, AOSSM, AANA, RRIPG.
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Ma, Xiaonan	Disclosed no conflict of interest.
Ma, Xinyi	Disclosed no conflict of interest.
Ma, Xue	Disclosed no conflict of interest.
Ma, Yajun	Disclosed no conflict of interest.
Ma, Zebin	Disclosed no conflict of interest.
Ma, Zetao	Disclosed no conflict of interest.
Ma, Zhiyao	Disclosed no conflict of interest.
Maag, Chase^b	3A: DePuy Synthes.
Maassen, Nicholas	Disclosed no conflict of interest.
Määttä, Juhani	Disclosed no conflict of interest.
MacDermid, Joy C	Disclosed no conflict of interest.
MacDonald, Ashlee^b	1: Board Member of AOFAS.
MacDonald, Austin	Disclosed no conflict of interest.
MacDonald, Ella	Disclosed no conflict of interest.
MacDonald, Steven^b	3B: DePuy, A Johnson & Johnson Company; 4: Allay Therapeutics, ARC Medical, CurvaFix, Hip Innovations Technology, JointVue, PSI; 5: DePuy, A Johnson & Johnson Company, Smith & Nephew, Stryker, Zimmer; 7A: DePuy, A Johnson & Johnson Company; 9: Canadian Orthopaedic Association, Hip Society, International Hip Society.
MacEachern, Mark	Disclosed no conflict of interest.
MacEwen, Matthew	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Machado, Priscilla	Disclosed no conflict of interest.
Machireddy, Meghana	Disclosed no conflict of interest.
MacIntosh, Delaney	Disclosed no conflict of interest.
Mack-Miller, Tiana	Disclosed no conflict of interest.
MacLeod, James	Disclosed no conflict of interest.
MacLeod, James S	Disclosed no conflict of interest.
MacNeille, Stephen	Disclosed no conflict of interest.
Madi, Rashad	Disclosed no conflict of interest.
Mae, Hirokazu	Disclosed no conflict of interest.
Mae, Tatsuo	Disclosed no conflict of interest.
Maeda, Eijiro	Disclosed no conflict of interest.
Maeda, Shingo	Disclosed no conflict of interest.
Maeda, Takuma	Disclosed no conflict of interest.
Maeda, Tatsunori	Disclosed no conflict of interest.
Maeda, Yohei	Disclosed no conflict of interest.
Maehlich, Daniela	Disclosed no conflict of interest.
Maekawa, Hirotosugu	Disclosed no conflict of interest.
Maekawa, Ryo	Disclosed no conflict of interest.
Maerz, Tristan	Disclosed no conflict of interest.
Maesako, Shingo	Disclosed no conflict of interest.
Maez, Devin	Disclosed no conflict of interest.
Magdziarz, Sara	Disclosed no conflict of interest.
Magesh, Amogh	Disclosed no conflict of interest.
Maggio, Mimma	Disclosed no conflict of interest. ⁿ
Mahadevan, Emily	Disclosed no conflict of interest.
Mahan, Susan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Mahatme, Ronak	Disclosed no conflict of interest.
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Maheshwar, Bhargavi	Disclosed no conflict of interest.
Mahin, Samiha	Disclosed no conflict of interest.
Mahindroo, Sonal	Disclosed no conflict of interest.
Mahmood, Hamd	Disclosed no conflict of interest.
Mahmoudi, Nadia	Disclosed no conflict of interest.
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Mahmud, Hazimah	Disclosed no conflict of interest.
Mahon, Timothy P	Disclosed no conflict of interest.
Mahoney, Jonathon M.^b	3A: Globus Medical.
Majidi, Rabeeh	Disclosed no conflict of interest.
Majima, Tokifumi	Disclosed no conflict of interest.
Majumdar, Sharmila	Disclosed no conflict of interest.
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Makela, Janne T.A.	Disclosed no conflict of interest.
Maki, Masahiro	Disclosed no conflict of interest.
Maksound, Joey	Disclosed no conflict of interest.
Malbouby, Vahid	Disclosed no conflict of interest.
Malda, Jos	Disclosed no conflict of interest.
Maldonado, Chris	Disclosed no conflict of interest.
Maldonado, Victor	Disclosed no conflict of interest.
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Author disclosures as of August 2024



Malick, Fawaz	Disclosed no conflict of interest.
Malick, Fawaz B	Disclosed no conflict of interest.
Malige, Ajith^b	8: Arthroscopy, BMCMD; 9: AOSSM, AOA.
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Malik, George Ross	Disclosed no conflict of interest.
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Mallender, Janyne	Disclosed no conflict of interest.
Mallinger, Benjamin D.	Disclosed no conflict of interest.
Malloy, Philip	Disclosed no conflict of interest.
Maloney, Derek	Disclosed no conflict of interest.
Maloney, Derek J.	Disclosed no conflict of interest.
Maloney, William	Disclosed no conflict of interest.
Maloney, William J.	Disclosed no conflict of interest.
Maloy, Gwyneth	Disclosed no conflict of interest.
Maltenfort, Mitchell	Disclosed no conflict of interest.
Maly, Connor	Disclosed no conflict of interest.
Mameri, Enzo	Disclosed no conflict of interest.
Mamidi, Deeksha	Disclosed no conflict of interest.
Mamidwar, Anjali	Disclosed no conflict of interest.
Manafzadeh, Armita	Disclosed no conflict of interest.
Manandhar, Sony^b	3A: Zimmer Biomet employee.
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Mandelbaum, Bert	Disclosed no conflict of interest.
Manduca, Matthew	Disclosed no conflict of interest.
Manduca, Matthew J	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Mann, Kenneth A	Disclosed no conflict of interest.
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Mannen, Erin M	Disclosed no conflict of interest.
Manske, Sarah L.	Disclosed no conflict of interest.
Mansour III, Alfred^b	3B: Newclip Technics.
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Mantebea, Hannah	Disclosed no conflict of interest.
Manz, Wesley J	Disclosed no conflict of interest.
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Mara, Roshan	Disclosed no conflict of interest.
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Marcaccio, Stephen	Disclosed no conflict of interest.
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Marchese, Richard M	Disclosed no conflict of interest.
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Marcucio, Ralph	Disclosed no conflict of interest.
Margaritis, Thanasis	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Maridas, David	Disclosed no conflict of interest.
Marik, Charles K	Disclosed no conflict of interest.
Marius, Choiselle	Disclosed no conflict of interest.
Markeviciute, Vetra	Disclosed no conflict of interest.
Markova, Dessislava	Disclosed no conflict of interest.
Markovics, Adrienn	Disclosed no conflict of interest.
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Markowitz, Moses	Disclosed no conflict of interest.
Marks, Jaison	Disclosed no conflict of interest.
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Marolf, Angela J.	Disclosed no conflict of interest.
Marques Garcia, Joao P	Disclosed no conflict of interest.
Marquez, Tyce C	Disclosed no conflict of interest.
Marras, Daniele	Disclosed no conflict of interest.
Marsault, Lauren V	Disclosed no conflict of interest.
Marshall, Jordin	Disclosed no conflict of interest.
Marshall, Samuel C	Disclosed no conflict of interest.
Martin, James A	Disclosed no conflict of interest.
Martin, John	Disclosed no conflict of interest.
Martin, John R^b	3B: DePuy.
Martin, John T	Disclosed no conflict of interest.
Martin, Logan	Disclosed no conflict of interest.
Martin, Scott	Disclosed no conflict of interest.

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All relevant financial relationships have been mitigated.

Author disclosures as of August 2024



Martin, Scott D	Disclosed no conflict of interest.
Martin, Scott D.	Disclosed no conflict of interest.
Martin, William N	Disclosed no conflict of interest.
Martineau, Paul	Disclosed no conflict of interest.
Martineau, Paul A	Disclosed no conflict of interest.
Martinez Leal, Miguel Angel	Disclosed no conflict of interest.
Martinez, Jarrod	Disclosed no conflict of interest.
Martinez, Venise C	Disclosed no conflict of interest.
Martinez, Vianna G	Disclosed no conflict of interest.
Martino, Tom	Disclosed no conflict of interest.
Martino, Tom C	Disclosed no conflict of interest.
Martins, Carolina	Disclosed no conflict of interest.
Martins, Carolina S	Disclosed no conflict of interest.
Maru, Marcia Marie	Disclosed no conflict of interest.
Maruo, Akihiro	Disclosed no conflict of interest.
Maruyama, Masahiro	Disclosed no conflict of interest.
Marvin, Jason C^b	9: ORS Committee.
Marwin, Scott	Disclosed no conflict of interest.
Marx, Luke	Disclosed no conflict of interest.
Marx, Luke B	Disclosed no conflict of interest.
Marzouca, Anthony	Disclosed no conflict of interest.
Masada, Kendall	Disclosed no conflict of interest.
Masca, Samantha	Disclosed no conflict of interest.
Mascio, Donald	Disclosed no conflict of interest.
Mason, Candace	Disclosed no conflict of interest.
Mason, Deborah	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Masood, Umar	Disclosed no conflict of interest.
Massaad, Elie	Disclosed no conflict of interest.
Massey, Patrick	Disclosed no conflict of interest.
Master, Zubin	Disclosed no conflict of interest.
Mastrokostas, Leonidas E.	Disclosed no conflict of interest.
Mastrokostas, Paul G.	Disclosed no conflict of interest.
Masuda, Koichi^b	3B: Angles.
Masuda, Yusuke	Disclosed no conflict of interest.
Matan, Salman	Disclosed no conflict of interest.
Matan, Salman O	Disclosed no conflict of interest.
Mateus, Rodrigo	Disclosed no conflict of interest.
Matheney, Travis	Disclosed no conflict of interest.
Matheson, Austyn	Disclosed no conflict of interest.
Mathew Prosper, Aashik	Disclosed no conflict of interest.
Mathew, Jeffrey	Disclosed no conflict of interest.
Mathew, Mathew	Disclosed no conflict of interest.
Mathew, Mathew T	Disclosed no conflict of interest.
Mathew, Rena	Disclosed no conflict of interest.
Mathews, Alexandra	Disclosed no conflict of interest.
Mathieu, Colleen^b	3A: Biomomentum Inc.
Mathiy, Priya	Disclosed no conflict of interest.
Matityahu, Jacob	Disclosed no conflict of interest.
Matsuda, Shuichi^b	2: Kyocera, Zimmer-Biomet, Stryker; 3B: Kyocera; 5: Kyocera, Zimmer-Biomet; 8: Journal of Joint Surgery and Research, Clinical Orthopaedics and Related Research, Knee Surgery and Related Research; 9: ISAKOS, Knee Society, Japanese Society for Replacement Arthroplasty.
Matsuda, Yoshikazu	Disclosed no conflict of interest.
Matsui, Yuichiro	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Matsui, Yuki	Disclosed no conflict of interest.
Matsukura, Keisuke	Disclosed no conflict of interest.
Matsumae, Gen	Disclosed no conflict of interest.
Matsumoto, Hiroko	Disclosed no conflict of interest.
Matsumoto, Takeo	Disclosed no conflict of interest.
Matsumoto, Tomoyuki	Disclosed no conflict of interest.
Matsumura, Noboru	Disclosed no conflict of interest.
Matsuo, Tomoya	Disclosed no conflict of interest.
Matsuoka, Masatake	Disclosed no conflict of interest.
Matsusaki, Michiya	Disclosed no conflict of interest.
Matsushima, Takahide	Disclosed no conflict of interest.
Matsushita, Erika	Disclosed no conflict of interest.
Matsushita, Masaki	Disclosed no conflict of interest.
Matsushita, Takehiko	Disclosed no conflict of interest.
Matsuura, Hirotaka	Disclosed no conflict of interest.
Matta, Joel^b	3B: DePuy, Stryker, Medtronic, Invuity; 4: Invuity , Medical Enterprise Distribution, Anterior Approach Instruments LLC, Radlink; 7A: MizuhoOSI.
Mattar, Luke	Disclosed no conflict of interest.
Mattar, Luke T	Disclosed no conflict of interest.
Matthew, Van Boxel	Disclosed no conflict of interest.
Matthews, Melia D	Disclosed no conflict of interest.
Matthias, Julia	Disclosed no conflict of interest.
Matthys, Romano	Disclosed no conflict of interest.
Mattikalli, Tarun	Disclosed no conflict of interest.
Mattos Serafim, Maria Fernanda	Disclosed no conflict of interest.
Matusevica, Nikoka-Gabriela	Disclosed no conflict of interest.
Matyas, Gabor	Disclosed no conflict of interest.

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^p indicates 2025 Program Committee

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Author disclosures as of August 2024



Mauck, Robert 4: Own stock or stock options in any medical-related company; 5: Receive research or institutional support as a principal investigator from any medical-related company; 8: Serve on the editorial or governing board of any medical-related company and/or orthopaedic publication.

Mauck, Robert L.^b 4: Mechano-Therapeutics; 5: 4Web Medical; 8: JOR Spine.

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Mazda, Osam Disclosed no conflict of interest.

Mazen, Soufi Disclosed no conflict of interest.

Mazur, Mykola Disclosed no conflict of interest.

McAlinden, Audrey^b 8: 8; 9: 9.

McAndrews, Casey Disclosed no conflict of interest.

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McBride, Daniel Disclosed no conflict of interest.

McBride-Gagyi, Sara^b 8: Journal of Orthopaedic Research.

McCabe, Caleb Disclosed no conflict of interest.

McCabe, Fergus J. Disclosed no conflict of interest.

McCabe, John P. Disclosed no conflict of interest.

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DepuyStryker; 7A: Smith & Nephew.

McCarley, Rachel Disclosed no conflict of interest.

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McClennan, Taylor Disclosed no conflict of interest.

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McClincy, Michael^b 3A: UPMC.

McConaghy, Kara Disclosed no conflict of interest.

McCorkell, Terrence Connor Disclosed no conflict of interest.

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McDermott, Jake R Disclosed no conflict of interest.

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McDonald, Maeve Disclosed no conflict of interest.

McFarland, Edward G^b 3B: Stryker.

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McGarvey, Cade R Disclosed no conflict of interest.

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McGlinch, Erin B Disclosed no conflict of interest.

McGrady, Linda M Disclosed no conflict of interest.

McGrath, Aleksandra Disclosed no conflict of interest.

McGrath, Brian Disclosed no conflict of interest.

McGrath, James Disclosed no conflict of interest.

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McGraw, Alex^b	3A: Paragon 28; 4: Paragon 28.
McGriff, Sharee	Disclosed no conflict of interest.
McIver, Natalia	Disclosed no conflict of interest.
McIver, Natalia D	Disclosed no conflict of interest.
McKean, John	Disclosed no conflict of interest.
McKee, Michael^b	3B: Exactech, Inc: Paid consultant, Stryker: Paid consultant; 7A: Stryker: IP royalties;; Elsevier Inc: IP royalties; 8: Springer: IP royalties; Publishing royalties, financial or material support, Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support; Wolters- Kluwer publishing: IP royalties; 9: American College of Surgeons: Board or committee member, American Shoulder and Elbow Surgeons: Board or committee member, Journal of Orthopaedics and Traumatology: Editorial or governing board; Orthopedics Today: Editorial or governing board.
McKee, Rachel	Disclosed no conflict of interest.
McKernan, Gina	Disclosed no conflict of interest.
McKibben, Natasha	Disclosed no conflict of interest.
McKinney, Jay M.	Disclosed no conflict of interest.
McLennan, Alexandra	Disclosed no conflict of interest.
McMahon, Sarah G	Disclosed no conflict of interest.
McMahon, Sophia	Disclosed no conflict of interest.
McNamara, Colin A	Disclosed no conflict of interest.
McNamara, Ingrid	Disclosed no conflict of interest.
McNamara, Laoise^b	5: UCB; 6: UCB.
McNulty, Amy^b	9: ORS.
McSweeney, Terence P	Disclosed no conflict of interest.
Mead, Sabrina	Disclosed no conflict of interest.
Meade, Matthew	Disclosed no conflict of interest.
Meade, Seth	Disclosed no conflict of interest.
Meadows, Ethan	Disclosed no conflict of interest.
Mecchi, Laura	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Mechakra, Asma	Disclosed no conflict of interest.
Meehan, John	Disclosed no conflict of interest.
Meehan, John P	Disclosed no conflict of interest.
Megas, Andrew	Disclosed no conflict of interest.
Megherhi, Sabreen	Disclosed no conflict of interest.
Mehmood, Daniyal	Disclosed no conflict of interest.
Mehraban Alvandi, Leila	Disclosed no conflict of interest.
Mehrotra, Dev R	Disclosed no conflict of interest.
Mehta, Bella	Disclosed no conflict of interest.
Mei, Angela	Disclosed no conflict of interest.
Mejia Tovar, Lluvia	Disclosed no conflict of interest.
Mejia, Alfonso	Disclosed no conflict of interest.
Melendez, Manuel	Disclosed no conflict of interest.
Melkus, Gerd	Disclosed no conflict of interest.
Mell, Steven	Disclosed no conflict of interest.
Mell, Steven P	Disclosed no conflict of interest.
Meloni, Davide^b	3A: European Quantum Medical.
Mendelow, Michael	Disclosed no conflict of interest.
Mendez, Armando J	Disclosed no conflict of interest.
Mendiaz, Feabie	Disclosed no conflict of interest.
Mendoza, Mathew	Disclosed no conflict of interest.
Mendoza, Sarah	Disclosed no conflict of interest.
Mendoza, Sarah V	Disclosed no conflict of interest.
Mendriatta, Dhruv	Disclosed no conflict of interest.
Menendez Montes, Maria Isabel	Disclosed no conflict of interest.
Meng, Zhaoxu	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Meng, Zhipeng	Disclosed no conflict of interest.
Mengis, Tamara	Disclosed no conflict of interest.
Mengistu, Solomon	Disclosed no conflict of interest.
Mercado, Paul	Disclosed no conflict of interest.
Merckling, Matthew	Disclosed no conflict of interest.
Merks, Hans	Disclosed no conflict of interest.
Mersiowsky, Lisa	Disclosed no conflict of interest.
Mertens, Jasmin	Disclosed no conflict of interest.
Mesfin, Addisu^b	1: Grants from Nuvasive, Depuy speaking fees, Globus consulting; 2: Depuy speaking fees; 3B: Globus consulting; 5: Grants from Nuvasive; 6: Grants from Nuvasive, Depuy speaking fees; 7A: Grants from Nuvasive, Depuy speaking fees, Globus consulting; 7B: Grants from Nuvasive, OREF grant, Depuy speaking fees, Globus consulting.
Mesko, Nathan	Disclosed no conflict of interest.
Meslier, Quentin A	Disclosed no conflict of interest.
Mesner, Larry D	Disclosed no conflict of interest.
Metheny, Madison	Disclosed no conflict of interest.
Metsavaht, Leonardo F.	Disclosed no conflict of interest.
Metzger, Greg	Disclosed no conflict of interest.
Metzger, Gregor	Disclosed no conflict of interest.
Metzger, Gregory	Disclosed no conflict of interest.
Metzger, Melodie F^b	5: Athrex, ATEC; 8: AJSM Editorial Board Member.
Metzl, Joshua	Disclosed no conflict of interest.
Meyer, Gretchen	Disclosed no conflict of interest.
Meyer, Nikki	Disclosed no conflict of interest.
Meyers, Kate	Disclosed no conflict of interest.
Meyers, Kathleen	Disclosed no conflict of interest.
Meyers, Michelle	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Meyers, Patrick	Disclosed no conflict of interest.
Miao, Tianfeng	Disclosed no conflict of interest.
Michael, Gold	Disclosed no conflict of interest.
Michael, Henry	Disclosed no conflict of interest.
Michel, Lindsey C^b	3B: Cooper Surgical.
Michelhaugh, Sharon K.	Disclosed no conflict of interest.
Michinobu, Ryuhei	Disclosed no conflict of interest.
Mickelson, Ethan	Disclosed no conflict of interest.
Middendorf, Jill	Disclosed no conflict of interest.
Midha, Swati	Disclosed no conflict of interest.
Mifune, Yutaka	Disclosed no conflict of interest.
Migotsky, Nicole	Disclosed no conflict of interest.
Mihalko, Marc^b	7B: Elsevier Inc.
Mihalko, William^b	3B: Pacira Biosciences, Inc.; 5: AAHKS, Food and Drug Administration, Pacira Biosciences, Inc., Medacta; 7A: Aseculap/B.Braun, Elsevier; 8: J Orthop Res, J Arthroplasty, J Long Term Eff Med Implants, Orthop Clinics NA; 9: Campbell Foundation, AAOS, ASTM International, AAHKS, Knee Society, Hip Society, ORS, ISTA.
Mihaly, Eszter	Disclosed no conflict of interest.
Mihata, Teruhisa	Disclosed no conflict of interest.
Mikami, Katsuhiro	Disclosed no conflict of interest.
Mikami, Tatsuya	Disclosed no conflict of interest.
Miki, Takanori	Disclosed no conflict of interest.
Mikula, Jacob	Disclosed no conflict of interest.
Mikula, Jacob D	Disclosed no conflict of interest.
Milan, Nesa	Disclosed no conflict of interest.
Milbrandt, Todd^b President.	3A: Medtronic, DePuy, Pathkeeper; 4: Vicking Scientific; 9: POSNA -
Miletsky, Gabriela	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Mill, Samantha	Disclosed no conflict of interest.
Millan Cotto, Hector	Disclosed no conflict of interest.
Millard, Jonathan	Disclosed no conflict of interest.
Miller, Amy	Disclosed no conflict of interest.
Miller, Andrew^b	3C: Provided histopathology expertise for this study.
Miller, Andy^b	9: Musculoskeletal Infection Society: Board/committee member.
Miller, Anna	Disclosed no conflict of interest.
Miller, Avery M	Disclosed no conflict of interest.
Miller, Joshua	Disclosed no conflict of interest.
Miller, Liane	Disclosed no conflict of interest.
Miller, Mark	Disclosed no conflict of interest.
Miller, Mark A	Disclosed no conflict of interest.
Miller, Mark C	Disclosed no conflict of interest.
Miller, Mark Carl	Disclosed no conflict of interest.
Miller, Mark S.	Disclosed no conflict of interest.
Miller, Patricia	Disclosed no conflict of interest.
Miller, Rachel	Disclosed no conflict of interest.
Miller, Rachel E	Disclosed no conflict of interest.
Miller, Richard J	Disclosed no conflict of interest.
Miller, Roxanne	Disclosed no conflict of interest.
Miller, Sue	Disclosed no conflict of interest.
Millett, Peter J^b	1: Arthrex, Medbridge; 3B: Arthrex; 4: VuMedi; 5: Arthrex, Ossur, Siemens, Smith & Nephew; 8: Proof Point Biologics.
Millis, Michael	Disclosed no conflict of interest.
Milller, Richard J	Disclosed no conflict of interest.
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Minas, Lucas	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Miner, Andrew	Disclosed no conflict of interest.
Minton, Dennis M	Disclosed no conflict of interest.
Mintz, Douglas N	Disclosed no conflict of interest.
Mira, Andre	Disclosed no conflict of interest.
Mirarchi, Adam	Disclosed no conflict of interest.
Mirvish, Asher	Disclosed no conflict of interest.
Mirzamohammadi, Fatemeh	Disclosed no conflict of interest.
Mishima, Kenichi	Disclosed no conflict of interest.
Mistry, Ahan	Disclosed no conflict of interest.
Mitani, Yuuki	Disclosed no conflict of interest.
Mitchell, Jordyn^b	3A: AlloSource.
Mitchell, Stuart^b	2: Orthopediatrics. Unrelated to this abstract.
Mitchell, Ulrike H	Disclosed no conflict of interest.
Mitevski, Lauren E	Disclosed no conflict of interest.
Mitra, Kishen	Disclosed no conflict of interest.
Mitsutake, Ryo	Disclosed no conflict of interest.
Mittal, Yogesh^b Society, Knee Society.	3B: Stryker; 9: American Association of Hip and Knee Surgeons, Hip
Mittwede, Peter	.
Miura, Kota	Disclosed no conflict of interest.
Miura, Soya	Disclosed no conflict of interest.
Miyahira, Yoshimaro	Disclosed no conflict of interest.
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Miyaki, Shigeru	Disclosed no conflict of interest.
Miyamoto, Himari	Disclosed no conflict of interest.
Miyamoto, Hiroki	Disclosed no conflict of interest.
Miyamoto, Shun	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Miyamoto, Takuma	Disclosed no conflict of interest.
Miyamoto, Tomohiro	Disclosed no conflict of interest.
Miyashi, Yuta	Disclosed no conflict of interest.
Miyatake, Kazumasa	Disclosed no conflict of interest.
Miyazaki, Kunihiro	Disclosed no conflict of interest.
Miyazawa, Shinichi	Disclosed no conflict of interest.
Mizobuchi, Shuhei	Disclosed no conflict of interest.
Mizuno, Shuichi	Disclosed no conflict of interest.
Mizuta, Kohei	Disclosed no conflict of interest.
Mizu-uchi, Hideki	Disclosed no conflict of interest.
Mladenova, Kalina	Disclosed no conflict of interest.
Mo, Liang	Disclosed no conflict of interest.
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Mobasheri, Ali	Disclosed no conflict of interest.
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Moeinzad, Rana	Disclosed no conflict of interest.
Moeinzadeh, Seyedsina	Disclosed no conflict of interest.
Moghtaderi, Sam	Disclosed no conflict of interest.
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Mohamed, Kareem	Disclosed no conflict of interest.
Mohamed, Kareem S	Disclosed no conflict of interest.
Mohamed, Mostafa	Disclosed no conflict of interest.
Mohammad, Saeed	Disclosed no conflict of interest.
Mohan, Aanya	Disclosed no conflict of interest.
Mohanan, Archana G	Disclosed no conflict of interest.
Moharrer, Yasaman	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Mohler, David G.	Disclosed no conflict of interest.
Mohn, Jillian^b	3A: Tyber Medical LLC.
Mohr, Marcus^b	3A: Acumed.
Mohseni Garakani, Mansoureh	Disclosed no conflict of interest.
Mohyeddinipour, Sarah	Disclosed no conflict of interest.
Mok, James M	Disclosed no conflict of interest.
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Molina, Jessica E.	Disclosed no conflict of interest.
Molino, Janine	Disclosed no conflict of interest.
Molitoris, Kristin	Disclosed no conflict of interest.
Molitoris, Kristin H	Disclosed no conflict of interest.
Molloy, Ilda	Disclosed no conflict of interest.
Molokwu, Brian	Disclosed no conflict of interest.
Moloney, Gele	Disclosed no conflict of interest.
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Momma, Daisuke	Disclosed no conflict of interest.
Monaghan, James R	Disclosed no conflict of interest.
Monahan, Peter	Disclosed no conflict of interest.
Moncher, Jacob	Disclosed no conflict of interest.
Monir, Joseph	Disclosed no conflict of interest.
Mononen, Mika E.	Disclosed no conflict of interest.
Monovoukas, Demetri	Disclosed no conflict of interest.
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7B: Medicus Works LLC, Up-to Date, Wolters Kluwer Health - Lippincott Williams & Wilkins; 8: Journal of Arthroplasty, Journal of Knee Surgery, Orthopedics, Surgical Techniques International; 9: American Association of Hip and Knee Surgeons, Hip Society, Knee Society.

Montani, Matthew D	Disclosed no conflict of interest.
Montenegro, Cristhian	Disclosed no conflict of interest.
Montenegro, Cristhian F	Disclosed no conflict of interest.
Montgomery, Blake K	Disclosed no conflict of interest.
Montoya, Travis	Disclosed no conflict of interest.
Montreuil, Julien	Disclosed no conflict of interest.
Moo, Eng Kuan	Disclosed no conflict of interest.
Moody, Patrick	Disclosed no conflict of interest.
Moon, Daniel	Disclosed no conflict of interest.
Moon, Daniel K	Disclosed no conflict of interest.
Moon, Hong Joo	Disclosed no conflict of interest.
Mooney, David J	4: Limax Biosciences; 9: Limax Biosciences.
Moonilall, Angel	Disclosed no conflict of interest.
Moore, Blake	Disclosed no conflict of interest.
Moore, Don^b	9: CSRS, LSRS, NASS.
Moore, Douglas	Disclosed no conflict of interest.
Moore, Jason	Disclosed no conflict of interest.
Moore, Laura	Disclosed no conflict of interest.
Moore, Lucas	Disclosed no conflict of interest.
Moore, Maya	Disclosed no conflict of interest.
Moore, Maya R	Disclosed no conflict of interest.
Moore, Spencer	Disclosed no conflict of interest.
Moore-Lotridge, Stephanie	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Moorman, Claude^b	1: DJ Orthopaedics, Oxford American Handbook of Sports Medicine, Praeger, World Scientific, Sports Medicine for the Orthopaedic Resident; 3B: Osteocentric; 4: PrivIT; 8: SJOA/Datatrace; 9: American Orthopaedic Society for Sports Medicine, NC High School Athletic Association.
Moradi, Lida	Disclosed no conflict of interest.
Moradi, Shadi	Disclosed no conflict of interest.
Moran, Jay	Disclosed no conflict of interest.
Moran, Meghan M.	Disclosed no conflict of interest.
Moran, Steven	Disclosed no conflict of interest.
More, Namdev	Disclosed no conflict of interest.
Morellato, John	Disclosed no conflict of interest.
Moreno, Eliana D	Disclosed no conflict of interest.
Morfin, Cesar	Disclosed no conflict of interest.
Morgan, Elise	Disclosed no conflict of interest.
Morgan, Elise F	Disclosed no conflict of interest.
Morgan, Nyssa	Disclosed no conflict of interest.
Morgan, Samuel	Disclosed no conflict of interest.
Morgan, Vince	Disclosed no conflict of interest.
Morgani, Sophie	Disclosed no conflict of interest.
Morgani, Sophie M	Disclosed no conflict of interest.
Mori, Yuta	Disclosed no conflict of interest.
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Morimoto, Masatoshi	Disclosed no conflict of interest.
Morimoto, Tadatsugu	Disclosed no conflict of interest.
Morioka, Kazuhito	Disclosed no conflict of interest.

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Morita, Akira	Disclosed no conflict of interest.
Morita, Hiroyuki	Disclosed no conflict of interest.
Morita, Junichiro	Disclosed no conflict of interest.
Morita, Mayu	Disclosed no conflict of interest.
Morita, Mitsuya	Disclosed no conflict of interest.
Morita, Takahiro	Disclosed no conflict of interest.
Morita, Wataru	Disclosed no conflict of interest.
Morita, Yugo	Disclosed no conflict of interest.
Moroze, Sean P	Disclosed no conflict of interest.
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Morris, Lysie	Disclosed no conflict of interest.
Morris, Rachel	Disclosed no conflict of interest.
Morris, Randal P	Disclosed no conflict of interest.
Morris, Sydney	Disclosed no conflict of interest.
Morrison, Linda	Disclosed no conflict of interest.
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Mortreux, Marie	Disclosed no conflict of interest.
Moschetti, Wayne	Disclosed no conflict of interest.
Moschini, Greta	Disclosed no conflict of interest.
Moshage, Sara	Disclosed no conflict of interest.
Mosher, Hannah	Disclosed no conflict of interest.

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Moucha, Calin S	Disclosed no conflict of interest.
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Mowers, Colton	Disclosed no conflict of interest.
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Moyer, Benjamin	Disclosed no conflict of interest.
Moyer, Jarod	Disclosed no conflict of interest.
Moyle, Kate	Disclosed no conflict of interest.
Mpofu, Laura	Disclosed no conflict of interest.
Mrkonjic, Filip	Disclosed no conflict of interest.
Mroz, Kelly	Disclosed no conflict of interest.
Mroz, Thomas	Disclosed no conflict of interest.
Muakassa, Kareem	Disclosed no conflict of interest.
Muakkassa, Kareem	Disclosed no conflict of interest.
Muakkassa, Ryan	Disclosed no conflict of interest.
Mueller, Madeline K	Disclosed no conflict of interest.
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Muffly, Brian	Disclosed no conflict of interest.
Muftuler, Tugan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Mugg, Benjamin	Disclosed no conflict of interest.
Muhib, Farhan	Disclosed no conflict of interest.
Muir, Peter^b	3B: Eclipse Consulting; 3C: Asto CT; 4: Centaur Health Holdings.
Muir, Victoria G.	Disclosed no conflict of interest.
Muire, Preeti	Disclosed no conflict of interest.
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Mukherji, Meenakshi	Disclosed no conflict of interest.
Mukohara, Shintaro	Disclosed no conflict of interest.
Mukunoki, Marika	Disclosed no conflict of interest.
Mulati, Miradili	Disclosed no conflict of interest.
Mulcrone, Jack E	Disclosed no conflict of interest.
Mulet Sierra, Aillette	Disclosed no conflict of interest.
Mulford, Kellen L	Disclosed no conflict of interest.
Mulholland, Michael	Disclosed no conflict of interest.
Mullick, Maunil	Disclosed no conflict of interest.
Mummareddy, Harisankeerth	Disclosed no conflict of interest.
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Mundis, Greg M	Disclosed no conflict of interest.
Mundis, Gregory	Disclosed no conflict of interest.
Mundluru, Surya N	Disclosed no conflict of interest.
Munevar Luque, Rodrigo	Disclosed no conflict of interest.
Mungalpara, Nirav	Disclosed no conflict of interest.
Munitz, Jazz	Disclosed no conflict of interest.
Munsch, Maria	Disclosed no conflict of interest.
Munson, Jennifer M.	Disclosed no conflict of interest.

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Munz, John W	Disclosed no conflict of interest.
Münzebrock, Katrin	Disclosed no conflict of interest.
Mura, Nariyuki	Disclosed no conflict of interest.
Murahashi, Yasutaka	Disclosed no conflict of interest.
Murakami, Hideki	Disclosed no conflict of interest.
Murakami, Ryo	Disclosed no conflict of interest.
Murakami, Tomoki	Disclosed no conflict of interest.
Murakamii, Hideki	Disclosed no conflict of interest.
Muraki, Takayuki	Disclosed no conflict of interest.
Murata, Koichi	Disclosed no conflict of interest.
Murata, Tomoaki	Disclosed no conflict of interest.
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Murphy, Lance	Disclosed no conflict of interest.
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Murugesan, Deepa	Disclosed no conflict of interest.

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Mzeihem, Majd	Disclosed no conflict of interest.
Naaz, Musarrat	Disclosed no conflict of interest.
Nadesan, Puvindran	Disclosed no conflict of interest.
Nafisi, Nazanin	Disclosed no conflict of interest.
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Nagasaka, Reo	Disclosed no conflict of interest.

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Nagelli, Christopher	Disclosed no conflict of interest.
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Nakagawa, Shuji	Disclosed no conflict of interest.
Nakagawa, Yusuke	Disclosed no conflict of interest.
Nakajima, Naotsugu	Disclosed no conflict of interest.
Nakamatsu, Yuta	Disclosed no conflict of interest.
Nakamura, Kei	Disclosed no conflict of interest.
Nakamura, Masato	Disclosed no conflict of interest.

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Nakayama, Kazuki	Disclosed no conflict of interest.
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Nanjan, Pandurangan	Disclosed no conflict of interest.
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Napierala, Melanie	Disclosed no conflict of interest.
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Naqvi, Iman	Disclosed no conflict of interest.
Narayanan, Neil	Disclosed no conflict of interest.
Narayanan, Rajkishen	Disclosed no conflict of interest.
Narayanaswamy, Vanaja	Disclosed no conflict of interest.
Narendran, Nakul	Disclosed no conflict of interest.
Nascimben, Julia	Disclosed no conflict of interest.
Naseer, Zan	Disclosed no conflict of interest.
Nasr, Andrew	Disclosed no conflict of interest.
Nasser, Philip	Disclosed no conflict of interest.
Nassr, Ahmad	Disclosed no conflict of interest.
Nathoo, Isaac	Disclosed no conflict of interest.
Natoli, Roman	Disclosed no conflict of interest.
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Nayak, Raghunandan	Disclosed no conflict of interest.
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Nazarpour, Kianoush	Disclosed no conflict of interest.
Nazem, Maryam	Disclosed no conflict of interest.

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Nazhat, Showan N	Disclosed no conflict of interest.
Nazir, Omar	Disclosed no conflict of interest.
Nazzal, Ehab	Disclosed no conflict of interest.
Ncube, Nosisa	Disclosed no conflict of interest.
Ndu, Anthony	Disclosed no conflict of interest.
Neal, Sydney	Disclosed no conflict of interest.
Nedder, Victoria J	Disclosed no conflict of interest.
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Negayama, Takahiro	Disclosed no conflict of interest.
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Nehrbass, Dirk	Disclosed no conflict of interest.
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Neighbors, Jeffrey^b	3B: BioVinc.
Neijna, Ava	Disclosed no conflict of interest.
Nelissen, Sophie	Disclosed no conflict of interest.
Nelson, Amanda E	Disclosed no conflict of interest.
Nelson, Ariana	Disclosed no conflict of interest.
Nelson, Brad	Disclosed no conflict of interest.
Nelson, Nicole R.	Disclosed no conflict of interest.
Nelson-Tranum, Alexis	Disclosed no conflict of interest.
Nelson-Tranum, Alexis K	Disclosed no conflict of interest.
Nemirov, Daniel	Disclosed no conflict of interest.
Nencka, Andrew	Disclosed no conflict of interest.
Neo, Masashi	Disclosed no conflict of interest.
Nepple, Cecilia	Disclosed no conflict of interest.
Neumaier, Mackenzie A	Disclosed no conflict of interest.

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Nevanranta, Eeva	Disclosed no conflict of interest.
Nevitt, Michael C	Disclosed no conflict of interest.
Newcomb, Emily	Disclosed no conflict of interest.
Newell, Micheal	Disclosed no conflict of interest.
Newman, Harrah R	Disclosed no conflict of interest.
Newman-Hung, Nicole	Disclosed no conflict of interest.
Newman-Hung, Nicole J.	Disclosed no conflict of interest.
Newsom, Andrew	Disclosed no conflict of interest.
Newton, Michael	Disclosed no conflict of interest.
Newton, Michael D	Disclosed no conflict of interest.
Nezameslami, Ahmadreza	Disclosed no conflict of interest.
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Nguyen, Jie	Disclosed no conflict of interest.
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Nguyen, Julie	Disclosed no conflict of interest.
Nguyen, Kristi	Disclosed no conflict of interest.
Nguyen, Kristin	Disclosed no conflict of interest.

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Nguyen, My Anh	Disclosed no conflict of interest.
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Nguyen, Terry	Disclosed no conflict of interest.
Nguyen, Vu	Disclosed no conflict of interest.
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Nichols, Jennifer A.	Disclosed no conflict of interest.
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Nielsen, Savannah	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Nilssen, Paal	Disclosed no conflict of interest.
Nin, Darren Z.	Disclosed no conflict of interest.
Ning, Bin	Disclosed no conflict of interest.
Nippolainen, Ervin	Disclosed no conflict of interest.
Nishida, Kotaro	Disclosed no conflict of interest.
Nishida, Kyohei	Disclosed no conflict of interest.
Nishida, Ryota	Disclosed no conflict of interest.
Nishida, Yoshio	Disclosed no conflict of interest.
Nishidono, Keisuke	Disclosed no conflict of interest.
Nishime, Nicole	Disclosed no conflict of interest.
Nishimura, Akinobu	Disclosed no conflict of interest.
Nishimura, Haruki	Disclosed no conflict of interest.
Nishimura, Ken	Disclosed no conflict of interest.
Nishimura, Nozomi	Disclosed no conflict of interest.
Nishimura, Ryosuke	Disclosed no conflict of interest.
Nishisho, Toshihiko	Disclosed no conflict of interest.
Nishitani, Kohei	Disclosed no conflict of interest.
Nishizawa, Mitsuhiro	Disclosed no conflict of interest.
Nissi, Mikko J.	Disclosed no conflict of interest.
Niu, Ruijia	Disclosed no conflict of interest.
Niu, Yuzhe	Disclosed no conflict of interest.
Nixon, Jacob C	Disclosed no conflict of interest.
Njoku-Austin, Confidence	Disclosed no conflict of interest.
Nkachukwu, Kennedy C	Disclosed no conflict of interest.
Nkachukwu, Kennedy	Disclosed no conflict of interest.

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Nocon, Allina	Disclosed no conflict of interest.
Nödl, Marie-Therese	Disclosed no conflict of interest.
Noehren, Brian	Disclosed no conflict of interest.
Noel, Daniele	Disclosed no conflict of interest.
Nogaret, Faustine	Disclosed no conflict of interest.
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Noguchi, Hideo	Disclosed no conflict of interest.
Noguchi, Toshihiro	Disclosed no conflict of interest.
Noguchi, Yusuke	Disclosed no conflict of interest.
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Noorzad, Ali S.	Disclosed no conflict of interest.
Norberg, Axel	Disclosed no conflict of interest.
Nordgren, Tara M	Disclosed no conflict of interest.
Noriyuki, Kanzaki	Disclosed no conflict of interest.
Norman, Mackenzie	Disclosed no conflict of interest.
Norris, Zoe	Disclosed no conflict of interest.
Northcutt, James	Disclosed no conflict of interest.
Northrup, Benjamin	Disclosed no conflict of interest.

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Nosewicz, Camille	Disclosed no conflict of interest.
Nouri, Shahrzad	Disclosed no conflict of interest.
Novais, Eduardo	Disclosed no conflict of interest.
Novais, Eduardo N	Disclosed no conflict of interest.
Novak, Sanja	Disclosed no conflict of interest.
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Nowlan, Niamh	Disclosed no conflict of interest.
Nozaki, Masahiro	Disclosed no conflict of interest.
Nozaki, Taiki	Disclosed no conflict of interest.
Nozawa, Iori	Disclosed no conflict of interest.
Nubuyuki, Miyai	Disclosed no conflict of interest.
Nucci, Nicholas	Disclosed no conflict of interest.
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Nuesch, Andrea	Disclosed no conflict of interest.
Nuethong, Sittinon	Disclosed no conflict of interest.
Nuhuman, Fikry	Disclosed no conflict of interest.
Nukuto, Koji	Disclosed no conflict of interest.
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Nyman, Jeffry^b	8: Bone.
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O'Brien, Gordon	Disclosed no conflict of interest.
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O'Byrne, John	Disclosed no conflict of interest.
O'Connell, Grace	Disclosed no conflict of interest.
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O'Connor, J. Patrick	Disclosed no conflict of interest.
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O'Connor-Coates, Christopher	Disclosed no conflict of interest.
O'Donoghue, Jordan C	Disclosed no conflict of interest.
O'Driscoll, Lorraine	Disclosed no conflict of interest.
O'Hara, Jake	Disclosed no conflict of interest.
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O'Neill, Conor N.	Disclosed no conflict of interest.
O'Neill, Dillon	Disclosed no conflict of interest.

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Author disclosures as of August 2024



O'Reilly, Brendan T	Disclosed no conflict of interest.
O'Rourke, Sinead	Disclosed no conflict of interest.
O'Byrne, John M.	Disclosed no conflict of interest.
O'Driscoll, Lorraine	Disclosed no conflict of interest.
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Obermeier, Andreas	Disclosed no conflict of interest.
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Ocokoljic, Ana	Disclosed no conflict of interest.
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Ogata, Taiki	Disclosed no conflict of interest.

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Ogunmwonyi, Innocent	Disclosed no conflict of interest.
Ogunsola, Ayobami S	Disclosed no conflict of interest.
Oh, Irvin	Disclosed no conflict of interest.
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Ohashi, Yoshikazu	Disclosed no conflict of interest.
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Okanoue, Yusuke	Disclosed no conflict of interest.

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Olsen, Raymond	Disclosed no conflict of interest.

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Onodera, Tomohiro	Disclosed no conflict of interest.
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Orem, Alexander	Disclosed no conflict of interest.
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Oris, Robert J	Disclosed no conflict of interest.
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Oshima, Yasushi	Disclosed no conflict of interest.
Oshiro, Hiromichi	Disclosed no conflict of interest.
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Otsuki, Yuhei	Disclosed no conflict of interest.
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Paek, Seong-Hee	Disclosed no conflict of interest.
Pagan, Cale	Disclosed no conflict of interest.
Paggi, Carlo A.	Disclosed no conflict of interest.
Paglia, David	Disclosed no conflict of interest.
Pagnano, Adam E.	Disclosed no conflict of interest.
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Parikh, Nihir	Disclosed no conflict of interest.

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Parisi, Raymond^b	3A: Zimmer Biomet.
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Park, Hee Jung	Disclosed no conflict of interest.
Park, Hyung Bin	Disclosed no conflict of interest.
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Park, Rachel	Disclosed no conflict of interest.
Park, Sam Si-Hyeong	Disclosed no conflict of interest.
Park, Sang-Hyun	Disclosed no conflict of interest.
Park, Sean	Disclosed no conflict of interest.
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Parker, Jordan	Disclosed no conflict of interest.
Park-Min, Kyung-Hyun	Disclosed no conflict of interest.
Parks, Michael L	Disclosed no conflict of interest.

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Parmanto, Bambang	Disclosed no conflict of interest.
Parmanto, Dharma	Disclosed no conflict of interest.
Parmar, Romir P	Disclosed no conflict of interest.
Parmenter, Matthew	Disclosed no conflict of interest.
Parreno, Justin	Disclosed no conflict of interest.
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Patel, Neil	Disclosed no conflict of interest.
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Pathrikar, Tanvi	Disclosed no conflict of interest.
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Pavey, Shawn	Disclosed no conflict of interest.
Pavie, Benjamin	Disclosed no conflict of interest.
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Pechstein, Andrew E	Disclosed no conflict of interest.
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Peitso, Valtteri	Disclosed no conflict of interest.
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Pellegrini, Vincent	Disclosed no conflict of interest.
Pellei, David	Disclosed no conflict of interest.
Pellicore, Matthew	Disclosed no conflict of interest.
Peloquin, John	Disclosed no conflict of interest.
Pelto, Anton	Disclosed no conflict of interest.
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Pember, Bryce	Disclosed no conflict of interest.
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Peterson, Andrew C.	Disclosed no conflict of interest.
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Peterson, Thomas A.	Disclosed no conflict of interest.
Peterson, Tyler	Disclosed no conflict of interest.
Petrella, Anthony	Disclosed no conflict of interest.
Petrousek, Stéphane	Disclosed no conflict of interest.

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Pfeil, Allyson N	Disclosed no conflict of interest.
Pflug, Emily	Disclosed no conflict of interest.
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Pham, Christine	Disclosed no conflict of interest.
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Pham, James	Disclosed no conflict of interest.
Pham, Tiffany	Disclosed no conflict of interest.
Pham, Tiffany T.K.	Disclosed no conflict of interest.
Pham, Vy	Disclosed no conflict of interest.
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Pichika, Rajeswari	Disclosed no conflict of interest.
Pickell, Michael	Disclosed no conflict of interest.
Picton, Bryce	Disclosed no conflict of interest.
Pignolo, Robert J.	Disclosed no conflict of interest.
Pill, Stephan	Disclosed no conflict of interest.
Pilliar, Robert	Disclosed no conflict of interest.
Pinamont, William	Disclosed no conflict of interest.
Pineda, Nathaniel	Disclosed no conflict of interest.
Pineda-Farias, Jorge B.	Disclosed no conflict of interest.
Pingyue, Li	Disclosed no conflict of interest.
Pino, Cassandra	Disclosed no conflict of interest.
Piponov, Hristo	Disclosed no conflict of interest.
Pisal, Nishkal	Disclosed no conflict of interest.
Pitcairns, Samuel	Disclosed no conflict of interest.
Pitcher, Michaela D	Disclosed no conflict of interest.
Pittman, Frank S	Disclosed no conflict of interest.
Pius, Alexa K.	Disclosed no conflict of interest.
Piuzzi, Nicolas S^b	3B: Pacira, Stryker; 5: Osteal Therapeutics, Peptilogics, RegenLab, Signature Orthopaedics, Zimmer; 8: Journal of Knee Surgery, Journal of Hip Surgery; 9: Orthopedic Research Society, ISCT, American Association of Hip and Knee Surgeons.
Planckaert, Guillaume M	Disclosed no conflict of interest.
Planutis, Andryus	Disclosed no conflict of interest.
Plasschaert, Lennert	Disclosed no conflict of interest.
Plemmons, Marin	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Pleshko, Nancy	Disclosed no conflict of interest.
Ploeg, Heidi-Lynn	Disclosed no conflict of interest.
Poddar, Neil	Disclosed no conflict of interest.
Poehle, Emily	Disclosed no conflict of interest.
Poeran, Jashvant	Disclosed no conflict of interest.
Pogue, Maria	Disclosed no conflict of interest.
Pohl, Nicholas	Disclosed no conflict of interest.
Pohlig, Ryan T	Disclosed no conflict of interest.
Poitrass, Stephane	Disclosed no conflict of interest.
Polansky, Scott	Disclosed no conflict of interest.
Polaski, Jake	Disclosed no conflict of interest.
Poley, Patricia	Disclosed no conflict of interest.
Politikou, Olga	Disclosed no conflict of interest.
Polkowski, Gregory G^b	1: Enovis; 3B: Enovis; 9: AAHKS Board Member.
Pollinger, Patrizia	Disclosed no conflict of interest.
Polly Jr., David W^b	1: SI-BONE; Springer; 3B: SI-BONE; Globus; 5: Medtronic, Mizuho.
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Pomposini, Amanda^b	3A: LifeNet Health.
Pongratz, Georg	Disclosed no conflict of interest.
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Pooshidani, Yasaman^b	3A: Biomomentum Inc.
Popchak, Adam	Disclosed no conflict of interest.
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Popov, Anatoliy V.	Disclosed no conflict of interest.
Popp, Kristin	Disclosed no conflict of interest.
Porter, Annie	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Porter, Danni J	Disclosed no conflict of interest.
Porter, Emily	Disclosed no conflict of interest.
Porter, Grace	Disclosed no conflict of interest.
Porter, Ryan	Disclosed no conflict of interest.
Porter, Ryan M	Disclosed no conflict of interest.
Posner, Andrew	Disclosed no conflict of interest.
Posner, Kevin M	Disclosed no conflict of interest.
Postolka, Barbara	Disclosed no conflict of interest.
Potter, Ashley M	Disclosed no conflict of interest.
Potter, Hollis	Disclosed no conflict of interest.
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Potter, Ryan	Disclosed no conflict of interest.
Pourdeyhi, Behnam	Disclosed no conflict of interest.
Pourmodheji, Reza	Disclosed no conflict of interest.
Pourzal, Robin^b	5: Stryker, Zimmer-Biomet, Enovis.
Poutre, Rachel	Disclosed no conflict of interest.
Poutre, Rachel L	Disclosed no conflict of interest.
Powell, Alexander	Disclosed no conflict of interest.
Powell, Douglas	Disclosed no conflict of interest.
Powell, Douglas W	Disclosed no conflict of interest.
Powers, John	Disclosed no conflict of interest.
Powers, Ryan	Disclosed no conflict of interest.
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Pozzi, Federico	Disclosed no conflict of interest.
Prado, Juliano	Disclosed no conflict of interest.
Prasad, Anoushka	Disclosed no conflict of interest.

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Pregizer, Steven K	Disclosed no conflict of interest.
Preissegger, Matias	Disclosed no conflict of interest.
Premkumar, Ajay	Disclosed no conflict of interest.
Prenger, Brent	Disclosed no conflict of interest.
Price, Christopher	Disclosed no conflict of interest.
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Priddy, Lauren	Disclosed no conflict of interest.
Prieskorn, Blake P	Disclosed no conflict of interest.
Priester, Shane H	Disclosed no conflict of interest.
Proffen, Benedikt	Disclosed no conflict of interest.
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Przywozny, Brianna	Disclosed no conflict of interest.
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Pucha, Saitheja A	Disclosed no conflict of interest.
Puckett, Caleb D	Disclosed no conflict of interest.
Puckett, Hunter	Disclosed no conflict of interest.
Puetzer, Jenny	Disclosed no conflict of interest.
Pueyo Moliner, Alba	Disclosed no conflict of interest.
Pugliese, Avianna	Disclosed no conflict of interest.
Pumberger, Matthias	Disclosed no conflict of interest.
Purtill, Caroline	Disclosed no conflict of interest.
Putman, Melissa	Disclosed no conflict of interest.

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Putraadinatha, Vayu	Disclosed no conflict of interest.
Puvanesarajah, Varun	Disclosed no conflict of interest.
Puviindran, Vijitha	Disclosed no conflict of interest.
Qi, Yansong	Disclosed no conflict of interest.
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Qin, Qizhi	Disclosed no conflict of interest.
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Qin, Yiming	Disclosed no conflict of interest.
Qiu, Jessica	Disclosed no conflict of interest.
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Queen, Robin M.	Disclosed no conflict of interest.
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Qui, Chenhu	Disclosed no conflict of interest.
Quigley, Laura	Disclosed no conflict of interest.
Quinion, Carl	Disclosed no conflict of interest.
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Rabuck, Stephen	Disclosed no conflict of interest.
Rabuck, Stephen J	Disclosed no conflict of interest.
Rachala, Rohit	Disclosed no conflict of interest.

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Rachala, Sridhar	Disclosed no conflict of interest.
Radhakrishna, Mohan	Disclosed no conflict of interest.
Raeker-Jordan, Eli	Disclosed no conflict of interest.
Rafitis, Daniel	Disclosed no conflict of interest.
Raftery, Rosanne M	Disclosed no conflict of interest.
Raftis, Daniel	Disclosed no conflict of interest.
Ragab, Sara	Disclosed no conflict of interest.
Ragbirsingh, Dana	Disclosed no conflict of interest.
Raggio, Cathleen	Disclosed no conflict of interest.
Raghu, Arjuna	Disclosed no conflict of interest.
Rahaman, Clay A	Disclosed no conflict of interest.
Rahemi, Zara	Disclosed no conflict of interest.
Rahill, Aidan P	Disclosed no conflict of interest.
Rahimi, Shahnaz	Disclosed no conflict of interest.
Rahman, Rafa	Disclosed no conflict of interest.
Rahmati, Maryam	Disclosed no conflict of interest.
Rahmati, Seyed Mohammadali	Disclosed no conflict of interest.
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Rajachar, Rupak	Disclosed no conflict of interest.
Rajaei, Sean	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Rajaeirad, Mohadesse	Disclosed no conflict of interest.
Rajan, Prashant V.	Disclosed no conflict of interest.
Rajapakse, Chamith	Disclosed no conflict of interest.
Rajapakse, Chamith S.	Disclosed no conflict of interest.
Rajasekaran, Joseph	Disclosed no conflict of interest.
Rajsekhar, Vinagolu K	Disclosed no conflict of interest.
Raji, Oluwatodimu R^b	3A: Medical Device Development.
Rajpal, Astha	Disclosed no conflict of interest.
Rakhra, Kawan S	Disclosed no conflict of interest.
Rakow, Anastasia	Disclosed no conflict of interest.
Ramanathan, Rahul	Disclosed no conflict of interest.
Ramdin, Christine	Disclosed no conflict of interest.
Ramesh, Priyanka	Disclosed no conflict of interest.
Ramesh, Sowmya	Disclosed no conflict of interest.
Ramirez, Cesar	Disclosed no conflict of interest.
Ramirez, Daniel	Disclosed no conflict of interest.
Ramirez, Gabriel	Disclosed no conflict of interest.
Ramirez-Fernandez, Genaro	Disclosed no conflict of interest.
Ramirez-Perez, Sergio	Disclosed no conflict of interest.
Ramos Rodriguez, David Hiram	Disclosed no conflict of interest.
Ramos, Alex K	Disclosed no conflict of interest.
Ramos-Rodriguez, David H	Disclosed no conflict of interest.
Ramraj, Raghav	Disclosed no conflict of interest.
Ramsdell, John	Disclosed no conflict of interest.
Ramsukh, Malissa	Disclosed no conflict of interest.
Ranawat, Anil^b	3B: BodyCAD.

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Rancu, Albert L	Disclosed no conflict of interest.
Ranga, Sidharth	Disclosed no conflict of interest.
Ranganathan, Noopur	Disclosed no conflict of interest.
Ransdell-Green, Eleanor	Disclosed no conflict of interest.
Ranson, Rachel	Disclosed no conflict of interest.
Ranson, William A	Disclosed no conflict of interest.
Ranzenigo, Anna	Disclosed no conflict of interest.
Rao, Allison^b	5: Arthrex.
Rao, Sanjna	Disclosed no conflict of interest.
Rao, Smitha	Disclosed no conflict of interest.
Rao, Sudhaker	Disclosed no conflict of interest.
Rao, Sudhaker D.	Disclosed no conflict of interest.
Rao, Ying	Disclosed no conflict of interest.
Rapaka, Venkata	Disclosed no conflict of interest.
Rapp, Anna	Disclosed no conflict of interest.
Rapp, Anna E	Disclosed no conflict of interest.
Rasheed, Husain A	Disclosed no conflict of interest.
Rasheed, Sayed	Disclosed no conflict of interest.
Rasti, Mozhgan	Disclosed no conflict of interest.
Rastogi, Pranav	Disclosed no conflict of interest.
Ratiani, Lucas	Disclosed no conflict of interest.
Ratnagiri, Meera	Disclosed no conflict of interest.
Ratnasamy, Philip	Disclosed no conflict of interest.
Ratnasamy, Philip P	Disclosed no conflict of interest.
Rauff, Adam	Disclosed no conflict of interest.
Ravi, Janani	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Rawal, Miraj	Disclosed no conflict of interest.
Rawson, Clayton	Disclosed no conflict of interest.
Rayavara Veerabhadraraih, Shivakumar	Disclosed no conflict of interest.
Raymond, Brittany	Disclosed no conflict of interest.
Raza, Marium	Disclosed no conflict of interest.
Razi, Abigail	Disclosed no conflict of interest.
Razi, Afshin E.	Disclosed no conflict of interest.
Razu, Swithin	Disclosed no conflict of interest.
Reb, Christopher W.	Disclosed no conflict of interest.
Reber, Stefan O.	Disclosed no conflict of interest.
Red, Kiersten E	Disclosed no conflict of interest.
Reda Taha, Mahmoud	Disclosed no conflict of interest.
Reddick, Evie C	Disclosed no conflict of interest.
Redding, Stephen	Disclosed no conflict of interest.
Reddy, Rajiv	Disclosed no conflict of interest.
Redler, Lauren	Disclosed no conflict of interest.
Redondo, Michael	Disclosed no conflict of interest.
Rees, Gardner	Disclosed no conflict of interest.
Rees, Gardner G	Disclosed no conflict of interest.
Reesink, Heidi	Disclosed no conflict of interest.
Reeves, Ella	Disclosed no conflict of interest.
Refaat, Mo	.
Regis, Claude	Disclosed no conflict of interest.
Reichel, Heiko	Disclosed no conflict of interest.
Reichel, Julia F	Disclosed no conflict of interest.
Reid, Isabel	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Reilly, Peter	Disclosed no conflict of interest.
Reisdorf, Ramona	Disclosed no conflict of interest.
Reiser, William	Disclosed no conflict of interest.
Reiter, Mary Pat	Disclosed no conflict of interest.
Reitman, Charles Alan	Disclosed no conflict of interest.
Remark, Lindsey	Disclosed no conflict of interest.
Remlinger, Nathaniel T^b	3A: Nathaniel T. Remlinger.
Ren, Dongjun	Disclosed no conflict of interest.
Ren, Siqu	Disclosed no conflict of interest.
Ren, Yinshi	Disclosed no conflict of interest.
Ren, Youliang	Disclosed no conflict of interest.
Renaudin, Felix	Disclosed no conflict of interest.
Rendina-Ruedy, Elizabeth	Disclosed no conflict of interest.
Rendon-Hernandez, Lesley	Disclosed no conflict of interest.
Renfree, Kevin J	Disclosed no conflict of interest.
Renfree, Sean	Disclosed no conflict of interest.
Renfro, Zane	Disclosed no conflict of interest.
Rengaraj, Kaajal	Disclosed no conflict of interest.
Repaka, Venkata	Disclosed no conflict of interest.
Replogle, Carl J	Disclosed no conflict of interest.
Requist, Melissa	Disclosed no conflict of interest.
Requist, Melissa R	Disclosed no conflict of interest.
Retzky, Julia	Disclosed no conflict of interest.
Retzky, Julia S	Disclosed no conflict of interest.
Reul, Olivia N	Disclosed no conflict of interest.
Reuter, Stephan	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Revak, Thomas	Disclosed no conflict of interest.
Reyes Segura, Rachel	Disclosed no conflict of interest.
Reyes, Camila	Disclosed no conflict of interest.
Reyes, Renato	Disclosed no conflict of interest.
Reyhanli, Aybike	Disclosed no conflict of interest.
Reynolds, Julius	Disclosed no conflict of interest.
RezazadehSaatlou, MohammadAmin	Disclosed no conflict of interest.
Reznick, Emma	Disclosed no conflict of interest.
Rhee, John M	Disclosed no conflict of interest.
Ricard, Marc-Antoine	Disclosed no conflict of interest.
Ricci, Bethany	Disclosed no conflict of interest.
Richard, Daniel	Disclosed no conflict of interest.
Richards, Brett W	Disclosed no conflict of interest.
Richards, Connor	Disclosed no conflict of interest.
Richards, Jarod	Disclosed no conflict of interest.
Richardson, Spencer	Disclosed no conflict of interest.
Richardson, Titus	Disclosed no conflict of interest.
Ricupero, Christopher	Disclosed no conflict of interest.
Ridolfo, Amelia	Disclosed no conflict of interest.
Riegel, Madilyn^b	3A: Tyber Medical LLC.
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Rigden, Bryce	Disclosed no conflict of interest.
Riofrio, Alexie D	Disclosed no conflict of interest.
Rios, Jaqueline Lourdes	Disclosed no conflict of interest.
Risha, Allison	Disclosed no conflict of interest.
Ristaniemi, Aapo	Disclosed no conflict of interest.

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Risteli, Maija	Disclosed no conflict of interest.
Rister, David W^b	3A: Smith & Nephew, Inc.
Ritchie, Brodie	Disclosed no conflict of interest.
Ritter, Daniel^b	3A: Arthrex.
Rivera, Richard J	Disclosed no conflict of interest.
Rivera-Peraza, Carlos	Disclosed no conflict of interest.
Rizi, Rahim	Disclosed no conflict of interest.
Rizkalla, James^b	3C: Acuity Surgical.
Rizy, Morgan	Disclosed no conflict of interest.
Rizzo, Michael	Disclosed no conflict of interest.
Rizzo, Michael G	Disclosed no conflict of interest.
Rizzo, Sarah E	Disclosed no conflict of interest.
Roach, Colin	Disclosed no conflict of interest.
Roach, Koren E.	Disclosed no conflict of interest.
Robayo, Anthony	Disclosed no conflict of interest.
Robbins, Julia	Disclosed no conflict of interest.
Roberts, Joseph	Disclosed no conflict of interest.
Roberts, Joseph L	Disclosed no conflict of interest.
Robertson, Catherine M	Disclosed no conflict of interest.
Robertson, Terreill	Disclosed no conflict of interest.
Robilotti, Elizabeth	Disclosed no conflict of interest.
Robinson, Alayna	Disclosed no conflict of interest.
Robinson, Amarion	Disclosed no conflict of interest.
Robinson, Gabrielle	Disclosed no conflict of interest.
Robinson, Gabrielle T	Disclosed no conflict of interest.
Robinson, Jenny L	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Robinson, Sara	Disclosed no conflict of interest.
Robinson, William	6: Atreca Inc, Jansen, Sanofi.
Robling, Alexander G	Disclosed no conflict of interest.
Rocha, Alexandra	Disclosed no conflict of interest.
Roche, Christopher P^b	3A: Exactech Inc; 4: Exactech Inc.
Rodeo, Scott^b Ownership Interest.	3B: Teladoc – Consultant.; 4: ChitogenX, Jannu Therapeutics –
Rodeo, Scott A^b Translational Biology, AJSM.	3B: Teladoc; 4: ChitogenX, Jannu Therapeutics; 8: Associate Editor:
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Rodriguez, Omar	Disclosed no conflict of interest.
Rodriguez, Wilmer	Disclosed no conflict of interest.
Rodriguez-Quintana, David^b	3B: Zimmer; 9: AAHKS.
Roeder, Nicole	Disclosed no conflict of interest.
Roemer, Frank	Disclosed no conflict of interest.
Roesch, Gundula	Disclosed no conflict of interest.
Roge, Seth	Disclosed no conflict of interest.
Rogers, Andrea	Disclosed no conflict of interest.
Rogers, Emily	Disclosed no conflict of interest.
Rogers, Nathan	Disclosed no conflict of interest.
Rogerson, Ashley Lynn	Disclosed no conflict of interest.
Roh, Yoonho	Disclosed no conflict of interest.
Rohde, Matthew S	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Roos, Rachel	Disclosed no conflict of interest.
Roper, Brenan P	Disclosed no conflict of interest.
Rösch, Gundula	Disclosed no conflict of interest.
Rosen, Alyssa	Disclosed no conflict of interest.
Rosen, Clifford J.	Disclosed no conflict of interest.
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Rosenzweig, Derek	Disclosed no conflict of interest.
Ross, Daniel	Disclosed no conflict of interest.
Ross, F. Patrick	Disclosed no conflict of interest.
Ross, Teri	Disclosed no conflict of interest.
Ross, Teri P	Disclosed no conflict of interest.
Ross, William	Disclosed no conflict of interest.
Rossman, Timothy	Disclosed no conflict of interest.
Rostami, Mahboobeh	Disclosed no conflict of interest.
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Roth, Owen	Disclosed no conflict of interest.
Roth, Owen S	Disclosed no conflict of interest.
Rothberg, David	Disclosed no conflict of interest.
Rothrauff, Benjamin B	Disclosed no conflict of interest.
Routman, Howard^b	3B: Exactech Inc.; 7A: Exactech Inc.
Routt, Milton L	Disclosed no conflict of interest.
Rouyin, Alireza	Disclosed no conflict of interest.
Rouzrokh, Pouria	Disclosed no conflict of interest.
Rowe, Dana	Disclosed no conflict of interest.
Rowe, David	Disclosed no conflict of interest.
Rowley, Emma	Disclosed no conflict of interest.
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Rubery, Paul	Disclosed no conflict of interest.
Rubin, Elka B	Disclosed no conflict of interest.
Rubin, Lee E	Disclosed no conflict of interest.
Rubinov, Yossef	Disclosed no conflict of interest.
Rubio, Daniel R	Disclosed no conflict of interest.
Rucinski, Kylee	Disclosed no conflict of interest.
Rudan, John	Disclosed no conflict of interest.
Ruderman, Lindsey	Disclosed no conflict of interest.
Rudisill, Katelyn E	Disclosed no conflict of interest.

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Ruiz-Fernández, Clara	Disclosed no conflict of interest.
Rullkoetter, Paul^b	5: DePuy Synthes.
Rumana, Rachel	Disclosed no conflict of interest.
Runer, Armin	Disclosed no conflict of interest.
Runk, Jake	Disclosed no conflict of interest.
Ruoss, Severin	Disclosed no conflict of interest.
Ruppert, Kai	Disclosed no conflict of interest.
Russell Jr., George	Disclosed no conflict of interest.
Russell Jr., George V	Disclosed no conflict of interest.
Russell, Linda	Disclosed no conflict of interest.
Russo, Devyn	Disclosed no conflict of interest.
Ruzbarsky, Joseph J	Disclosed no conflict of interest.
Ryan, Zachary T	Disclosed no conflict of interest.
Ryma, Matthias	Disclosed no conflict of interest.
Ryu, Dongjin	Disclosed no conflict of interest.
Ryu, Masao	Disclosed no conflict of interest.
Ryu, Seungjun	Disclosed no conflict of interest.
Ryvkin, Daniel	Disclosed no conflict of interest.
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Sabha, Mumin	Disclosed no conflict of interest.
Sabitsky, Matthew	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Sabzevari, Soheil	Disclosed no conflict of interest.
Sachs, Elizabeth	Disclosed no conflict of interest.
Sadar, Faisal	Disclosed no conflict of interest.
Sadeqi, Sara	Disclosed no conflict of interest.
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Sadjadi, Ryan	Disclosed no conflict of interest.
Saeed, Yasmeen	Disclosed no conflict of interest.
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Safadi, Rama	Disclosed no conflict of interest.
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Sagen, Jacqueline	Disclosed no conflict of interest.
Sagl, Benedikt	Disclosed no conflict of interest.
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Saini, Justen	Disclosed no conflict of interest.
Sairoyo, Koichi	Disclosed no conflict of interest.
Saito, Akira	Disclosed no conflict of interest.
Saito, Daiki	Disclosed no conflict of interest.
Saito, Keiju	Disclosed no conflict of interest.
Saito, Mitsuru	Disclosed no conflict of interest.
Saito, Riku	Disclosed no conflict of interest.
Saitoh, Akira	Disclosed no conflict of interest.

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Sakata, Munehiro	Disclosed no conflict of interest.
Sakhrani, Neeraj	Disclosed no conflict of interest.
Sakkers, Ralph	Disclosed no conflict of interest.
Sako, Kosuke	Disclosed no conflict of interest.
Sakowitz, Sara	Disclosed no conflict of interest.
Sakyi, Maxwell	Disclosed no conflict of interest.
Salama, Abdullah H	Disclosed no conflict of interest.
Salas, Christina	Disclosed no conflict of interest.
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Saleh, Ahmed	Disclosed no conflict of interest.
Saleh, Ehab	Disclosed no conflict of interest.
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Salimbeigi, Golestan	Disclosed no conflict of interest.
Salmon, Adam B.	Disclosed no conflict of interest.
Salomon, Sanders	Disclosed no conflict of interest.
Saltz, Lydia	Disclosed no conflict of interest.
Saltzman, Bryan M	Disclosed no conflict of interest.

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Saltzman, Charles	Disclosed no conflict of interest.
Saluan, Paul^b	2: Dr. Saluan receives fees of \$5,000 or more per year (or, in rare cases, equity or stock options) as a paid consultant, speaker or as a member of an advisory committee for Arthrex, Inc.; 3B: Dr. Saluan receives fees of \$5,000 or more per year (or, in rare cases, equity or stock options) as a paid consultant, speaker or as a member of an advisory committee for Arthrex, Inc.; 8: Dr. Saluan serves in a fiduciary capacity, such as an elected officer, director or chief medical officer, for Equalizer Technologies, LLC; 9: Dr. Saluan serves in a fiduciary capacity, such as an elected officer, director or chief medical officer, for Equalizer Technologies, LLC.
Salusky, Isidro B.	Disclosed no conflict of interest.
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Samady, Will	Disclosed no conflict of interest.
Samanian, Yasmin	Disclosed no conflict of interest.
Samartzis, Dino	Disclosed no conflict of interest.
Sambon, Margaux	Disclosed no conflict of interest.
Samimi, Yusef	Disclosed no conflict of interest.
Samiya, Henry	Disclosed no conflict of interest.
Sammarco, Mimi C	Disclosed no conflict of interest.
Sammon, Chris	Disclosed no conflict of interest.
Sampson, William	Disclosed no conflict of interest.
Sampson, William T	Disclosed no conflict of interest.
Samuel, Andre	Disclosed no conflict of interest.
Samuel, Zachariah	Disclosed no conflict of interest.
Sanati, Salar	Disclosed no conflict of interest.
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Sanchez-Urgelles, Pablo	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Sander, Allison M	Disclosed no conflict of interest.
Sander, Edward A	Disclosed no conflict of interest.
Sanders, Hannah F	Disclosed no conflict of interest.
Sanders, James^b	3B: Orthopediatrics, Unrelated to this abstract.; 4: Greensun, Unrelated to this abstract.; 5: EOSImaging (Alphatec), Unrelated to this Abstract; 9: Scoliosis Research Society, Pediatric Orthopaedic Society of North America.
Sandoval, Luke A	Disclosed no conflict of interest.
Sanford Jr., Christopher	Disclosed no conflict of interest.
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Sangadala, Sreedhara	Disclosed no conflict of interest.
Sanghvi, Parshva	Disclosed no conflict of interest.
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Sankaranarayanan, Ishwarya	Disclosed no conflict of interest.
Sano, Shohei	Disclosed no conflict of interest.
Santamaria, Raul	Disclosed no conflict of interest.
Santangelo, Kelly	Disclosed no conflict of interest.
Santangelo, Kelly S	Disclosed no conflict of interest.
Santare, Michael	Disclosed no conflict of interest.
Santos, Marina	Disclosed no conflict of interest.
Saptono, Andi	Disclosed no conflict of interest.
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Author disclosures as of August 2024



Sarkar, Arijita	Disclosed no conflict of interest.
Sarkar, Naboneeta	Disclosed no conflict of interest.
Sarmadi, Leili	Disclosed no conflict of interest.
Sarmiento, Paula	Disclosed no conflict of interest.
Sarwar, Humma	Disclosed no conflict of interest.
Sasaki, Jared S	Disclosed no conflict of interest.
Sasaki, Takahide	Disclosed no conflict of interest.
Sasaya, Kazuki	Disclosed no conflict of interest.
Satalich, James R	Disclosed no conflict of interest.
Satish Bhat, Aneesh	Disclosed no conflict of interest.
Sato, Amy	Disclosed no conflict of interest.
Sato, Atsushi	Disclosed no conflict of interest.
Sato, Dai	Disclosed no conflict of interest.
Sato, Izumi	Disclosed no conflict of interest.
Sato, Junko	Disclosed no conflict of interest.
Sato, Masato	Disclosed no conflict of interest.
Sato, Michiaki	Disclosed no conflict of interest.
Sato, Mutsumi	Disclosed no conflict of interest.
Sato, Naohito	Disclosed no conflict of interest.
Sato, Seira	Disclosed no conflict of interest.
Sato, Taishi	Disclosed no conflict of interest.
Sato, Takashi	Disclosed no conflict of interest.
Sato, Yoshinobu	Disclosed no conflict of interest.
Satpathy, Jibanananda	Disclosed no conflict of interest.
Sauer, Alexis	Disclosed no conflict of interest.
Saul, Katherine	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Saul, Katherine R	Disclosed no conflict of interest.
Savani, Ujjawal	Disclosed no conflict of interest.
Save, Ameya V.	Disclosed no conflict of interest.
Saveh, Amir Hossein	Disclosed no conflict of interest.
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Sawamura, Hideaki	Disclosed no conflict of interest.
Sawamura, Kenta	Disclosed no conflict of interest.
Sawauchi, Kenichi	Disclosed no conflict of interest.
Sawicki, Emilie	Disclosed no conflict of interest.
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Sawiers, Joshua	Disclosed no conflict of interest.
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Schaffer, Jeremy E.^b	3A: JES.
Schaffler, Benjamin	Disclosed no conflict of interest.
Schalow, Tyler	Disclosed no conflict of interest.
Schamberger, Christian	Disclosed no conflict of interest.

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Schaser, Klaus-Dieter	Disclosed no conflict of interest.
Scheepens, Karlijn	Disclosed no conflict of interest.
Scheffler, Aaron	Disclosed no conflict of interest.
Scheiderer, Joshua A	Disclosed no conflict of interest.
Scheidt, Greta E	Disclosed no conflict of interest.
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Schiemer, Theresa	Disclosed no conflict of interest.
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Schilling, Arndt	Disclosed no conflict of interest.
Schilling, Peter	Disclosed no conflict of interest.
Schimmoeller, Natasha	Disclosed no conflict of interest.
Schinke, Thorsten	Disclosed no conflict of interest.
Schipani, Ernestina	Disclosed no conflict of interest.
Schlecht, Steve	Disclosed no conflict of interest.
Schmid, Thomas	Disclosed no conflict of interest.
Schmida, Elizabeth A	Disclosed no conflict of interest.
Schmidmaier, Gerhard	Disclosed no conflict of interest.
Schmidt, Christopher	Disclosed no conflict of interest.
Schmidt, Eli	Disclosed no conflict of interest.
Schmidt, Natalie	Disclosed no conflict of interest.
Schmidt, Sven	Disclosed no conflict of interest.
Schmidt, Tannin	Disclosed no conflict of interest.
Schmidt-Bleek, Katharina	Disclosed no conflict of interest.
Schmitz, Chloe B.	Disclosed no conflict of interest.
Schnabel, Lauren	Disclosed no conflict of interest.

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Schnierderman, Brian	Disclosed no conflict of interest.
Schoch, Bradley^b	3B: Exactech, Inc.
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Schoenecker, Jonathan	Disclosed no conflict of interest.
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Schon, Lew^b 28.	1: ZimmerBiomet, Arthrex Inc., CurveBeam, Darco, Enovis; 3B: Paragon
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Schönnagel, Lukas	Disclosed no conflict of interest.
Schonwalder, Lauren	Disclosed no conflict of interest.
Schoon, Janosch	Disclosed no conflict of interest.
Schoppa, Astrid	Disclosed no conflict of interest.
Schriner, Katherine E	Disclosed no conflict of interest.
Schröder, Maria	Disclosed no conflict of interest.
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Schroen, Christoph A	Disclosed no conflict of interest.
Schröter, Paul Vincent	Disclosed no conflict of interest.
Schuler, Alec	Disclosed no conflict of interest.
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Schulz, Jacob^b	3B: Johnson and Johnson, Orthopediatrics.
Schumacher, Barbara L	Disclosed no conflict of interest.
Schurr, Luisa	Disclosed no conflict of interest.
Schuster-Wasserman, Jaime Alfredo	Disclosed no conflict of interest.
Schutte, H Del	Disclosed no conflict of interest.

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Schwab, Emi	Disclosed no conflict of interest.
Schwab, Joseph	Disclosed no conflict of interest.
Schwab, Joseph H	Disclosed no conflict of interest.
Schwab, Joseph H.	Disclosed no conflict of interest.
Schwab, Nina	Disclosed no conflict of interest.
Schwann, Keeley	Disclosed no conflict of interest.
Schwartz, Alexandra K.	Disclosed no conflict of interest.
Schwartz, Gabi	Disclosed no conflict of interest.
Schwartz, Herbert	Disclosed no conflict of interest.
Schwartz, Kendall M	Disclosed no conflict of interest.
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Schwarz, Grace	Disclosed no conflict of interest.
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Schweitzer, Seth	Disclosed no conflict of interest.
Schweppe, Eric	Disclosed no conflict of interest.
Schwer, Jonas	Disclosed no conflict of interest.
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Sciarretti, Nicholas	Disclosed no conflict of interest.
Scioscia, Jacob	Disclosed no conflict of interest.
Scioscia, Jacob P	Disclosed no conflict of interest.
Scolaro, John	Disclosed no conflict of interest.
Scott, Devon	Disclosed no conflict of interest.

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Sculco, Peter K^b 2: DePuy, Intellijoint Surgical; 3B: DePuy, EOS Imaging, Intellijoint Surgical, LimaCorp-Enovis; 4: Intellijoint Surgical, Parvizi Surgical Innovation; 6: Intellijoint Surgical.

Sculco, Thomas^b 1: Exactech, Inc; 3C: Lima Orthopedic; 8: American Journal of Orthopedics; 9: J. Robert Gladden Society, Orthopaedic Research and Education Foundation.

Sculco, Thomas^b 1: Exactech; 3B: Lima Corporate; 9: Orthopaedic Research and Education Foundation.

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Segobiano, Brett K Disclosed no conflict of interest.

Segvich, Dyann M Disclosed no conflict of interest.

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Seidenstein, Alexandra H Disclosed no conflict of interest.

Seidl, Elizabeth Disclosed no conflict of interest.

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Author disclosures as of August 2024



Seidu, Michael	Disclosed no conflict of interest.
Seifert, Jens	Disclosed no conflict of interest.
Seikaly, Gordie	Disclosed no conflict of interest.
Seikaly, Jillian	Disclosed no conflict of interest.
Seike, Koji	Disclosed no conflict of interest.
Seilern und Aspang, Jesse	Disclosed no conflict of interest.
Seitz, Andreas	Disclosed no conflict of interest.
Seitz, Andreas M.	Disclosed no conflict of interest.
Sekar, Amita	Disclosed no conflict of interest.
Seki, Ryota	Disclosed no conflict of interest.
Sekimura, Troy	Disclosed no conflict of interest.
Sekiya, Ichiro	Disclosed no conflict of interest.
Seliktar, Dror	Disclosed no conflict of interest.
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Selle, Ryan	Disclosed no conflict of interest.
Selthafner, Marissa	Disclosed no conflict of interest.
Senda, Teppei	Disclosed no conflict of interest.
Senevirathne, Gayani	Disclosed no conflict of interest.
Senga, Yoshiyuki	Disclosed no conflict of interest.
Seo, Henry Hojoon	Disclosed no conflict of interest.
Seol, Dong Rim	Disclosed no conflict of interest.
Sepp, Lauren A	Disclosed no conflict of interest.
Seraydarian, Megan	Disclosed no conflict of interest.
Serbin, Ryan	Disclosed no conflict of interest.

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Shah, Aakash	Disclosed no conflict of interest.
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Shah, Ayush D	Disclosed no conflict of interest.
Shah, Hetal S	Disclosed no conflict of interest.
Shah, Isha	Disclosed no conflict of interest.
Shah, Jason A	Disclosed no conflict of interest.
Shah, Karan	Disclosed no conflict of interest.
Shah, Roshan P.	Disclosed no conflict of interest.
Shah, Ryan	Disclosed no conflict of interest.
Shah, Sameer	Disclosed no conflict of interest.
Shah, Yatrik	Disclosed no conflict of interest.
Shahidi, Bahar	Disclosed no conflict of interest.
Shahsavari, Mohammadhamed	Disclosed no conflict of interest.
Shahzad, Hania	Disclosed no conflict of interest.

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Shaik, Moaid	Disclosed no conflict of interest.
Shaji, Akash	Disclosed no conflict of interest.
Shajpaul, Krish	Disclosed no conflict of interest.
Shakya, Ashish	Disclosed no conflict of interest.
Shalvoy, Robert M	Disclosed no conflict of interest.
Shama, Kariman A	Disclosed no conflict of interest.
Shamah, David Isaac	Disclosed no conflict of interest.
Shamritsky, David	Disclosed no conflict of interest.
Shanaa, Jean	Disclosed no conflict of interest.
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Shannon, Michael	Disclosed no conflict of interest.
Shannon, Michael F	Disclosed no conflict of interest.
Shao, Kevin	Disclosed no conflict of interest.
Shao, Pei-Ling	Disclosed no conflict of interest.
Shapiro, Irving	Disclosed no conflict of interest.
Sharafi, Azadeh	Disclosed no conflict of interest.
Shareef, Omar	Disclosed no conflict of interest.
Sharkey, Melinda	Disclosed no conflict of interest.
Sharma, Ashish Ranjan	Disclosed no conflict of interest.
Sharma, Divya	Disclosed no conflict of interest.
Sharma, Ritika	Disclosed no conflict of interest.
Sharma, Sankalp	Disclosed no conflict of interest.
Sharma, Sanvi	Disclosed no conflict of interest.
Sharma, Shelly	Disclosed no conflict of interest.
Sharma, Vivek	Disclosed no conflict of interest.

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Sharp, Emily	Disclosed no conflict of interest.
Sharp, Kate	Disclosed no conflict of interest.
Sharpe, Frances E.	Disclosed no conflict of interest.
Shatila, Mohamad	Disclosed no conflict of interest.
Shatila, Mohamad EF	Disclosed no conflict of interest.
Shaughnessy, William	Disclosed no conflict of interest.
Shaver, Joseph C	Disclosed no conflict of interest.
Shaw, Jeremy	Disclosed no conflict of interest.
Shaw, Jeremy D	Disclosed no conflict of interest.
Shaw, Sharon	Disclosed no conflict of interest.
Shay-Winkler, Kritton	Disclosed no conflict of interest.
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Shelburne, Kevin	Disclosed no conflict of interest.
Shelburne, Kevin B	Disclosed no conflict of interest.
Shelby, Tara	Disclosed no conflict of interest.
Shelest, Oksana	Disclosed no conflict of interest.
Shen, Chushu	Disclosed no conflict of interest.
Shen, Hua	Disclosed no conflict of interest.
Shen, Isabelle	Disclosed no conflict of interest.
Shen, Jie^b	5: NIH.
Shen, Lin	Disclosed no conflict of interest.
Shen, Mia	Disclosed no conflict of interest.
Shen, Pochih	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Shen, Victor A	Disclosed no conflict of interest.
Sheng, Lei	Disclosed no conflict of interest.
Sheng, Puyi	Disclosed no conflict of interest.
Shenoy, Aarti	Disclosed no conflict of interest.
Shepard, Riley	Disclosed no conflict of interest.
Shepard, Robert	Disclosed no conflict of interest.
Shepard, Robert TT	Disclosed no conflict of interest.
Shepherd, Mary	Disclosed no conflict of interest.
Shepherd, Molly C	Disclosed no conflict of interest.
Sherif, Beruk	Disclosed no conflict of interest.
Sherman, Kirby	Disclosed no conflict of interest.
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Shero, John	Disclosed no conflict of interest.
Sheth, Neil	Disclosed no conflict of interest.
Shetty, Rishabh	Disclosed no conflict of interest.
Shetye, Snehal S	Disclosed no conflict of interest.
Sheyn, Dmitriy	Disclosed no conflict of interest.
Sheyn, Julia	Disclosed no conflict of interest.
Shi, Lewis	Disclosed no conflict of interest.
Shi, Qin	Disclosed no conflict of interest.
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Shilken, Meghan	Disclosed no conflict of interest.
Shim, Bum-jin	Disclosed no conflict of interest.
Shimabukuro, Koichi	Disclosed no conflict of interest.
Shimabukuro, Takanao	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Shimamura, Masashi	Disclosed no conflict of interest.
Shimbo, Koshiro	Disclosed no conflict of interest.
Shimeles, Dagmawi	Disclosed no conflict of interest.
Shimizu, Michelle	Disclosed no conflict of interest.
Shimizu, Michelle R	Disclosed no conflict of interest.
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Shimizu, Takayoshi	Disclosed no conflict of interest.
Shimizu, Tomohiro	Disclosed no conflict of interest.
Shimizu, Yuichi	Disclosed no conflict of interest.
Shimoda, Masashi	Disclosed no conflict of interest.
Shimomura, Kazunori	Disclosed no conflict of interest.
Shimozono, Ryota	Disclosed no conflict of interest.
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Shin, Dong ah	Disclosed no conflict of interest.
Shin, DongJun	Disclosed no conflict of interest.
Shin, Heungsoo	Disclosed no conflict of interest.
Shin, Jayden	Disclosed no conflict of interest.
Shin, Jonggu	Disclosed no conflict of interest.
Shin, Kyungsup	Disclosed no conflict of interest.
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Shinohara, Kensuke	Disclosed no conflict of interest.
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Shiota, Jyunki	Disclosed no conflict of interest.

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Shipman, Emily M	Disclosed no conflict of interest.
Shirahata, Wataru	Disclosed no conflict of interest.
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Shoemaker, Joseph	Disclosed no conflict of interest.
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Shotaro, Araki	Disclosed no conflict of interest.
Shozen, Hideki	Disclosed no conflict of interest.
Shrestha, Nancy	Disclosed no conflict of interest.
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Shuda, Jamie	Disclosed no conflict of interest.
Shue, Jennifer	Disclosed no conflict of interest.
Shull, David	Disclosed no conflict of interest.
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Shyu, Peter	Disclosed no conflict of interest.
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Sibert, Deja	Disclosed no conflict of interest.
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Siddiq, Bilal S	Disclosed no conflict of interest.
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Sieberer, Johannes	Disclosed no conflict of interest.
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Simonian, Lauren	Disclosed no conflict of interest.

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Singamaneni, Srikanth	Disclosed no conflict of interest.
Singer, Jacob	Disclosed no conflict of interest.
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Singh, Gaurav	Disclosed no conflict of interest.
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Sinha, Tanishk	Disclosed no conflict of interest.
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Sivakumar, Rahul	Disclosed no conflict of interest.
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Siverino, Claudia	Disclosed no conflict of interest.
Sjögren, Amanda	Disclosed no conflict of interest.

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Smith, Spencer	Disclosed no conflict of interest.
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Smith, Wyatt A R	Disclosed no conflict of interest.
Smith-Fry, Kyllie	Disclosed no conflict of interest.
Smith-Voudouris, Julian	Disclosed no conflict of interest.
Smolev, Emma	Disclosed no conflict of interest.

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Smolinski, Michael	Disclosed no conflict of interest.
Smolinski, Michael P	Disclosed no conflict of interest.
Smolinski, Patrick	Disclosed no conflict of interest.
Smolinski, Patrick J	Disclosed no conflict of interest.
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Snyder, Grant	Disclosed no conflict of interest.
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Solitto, Giovanni F	Disclosed no conflict of interest.
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Solomon, Bogdan L.	Disclosed no conflict of interest.
Solomon, Hanna	Disclosed no conflict of interest.
Solomon, L. Bogdan	Disclosed no conflict of interest.
Solorzano, Andrea	Disclosed no conflict of interest.
Solorzano, Ernesto	Disclosed no conflict of interest.
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Song, Jing	Disclosed no conflict of interest.
Song, Joseph	Disclosed no conflict of interest.
Song, Junho	Disclosed no conflict of interest.
Song, Ke	Disclosed no conflict of interest.
Song, Lee	Disclosed no conflict of interest.
Song, Min-Keun	Disclosed no conflict of interest.
Soni, Viren	Disclosed no conflict of interest.
Sono, Takashi	Disclosed no conflict of interest.
Sontam, Tarun	Disclosed no conflict of interest.

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Sorensen, John	Disclosed no conflict of interest.
Sorenson, Mathias	Disclosed no conflict of interest.
Sorfleet, Kacie	Disclosed no conflict of interest.
Soslowsky, Lou	Disclosed no conflict of interest.
Soslowsky, Lou J	Disclosed no conflict of interest.
Sotozono, Yasutaka	Disclosed no conflict of interest.
Soundararajan, Abirami	Disclosed no conflict of interest.
South, Sanique	Disclosed no conflict of interest.
South, Sanique M	Disclosed no conflict of interest.
Southern, Kaitlin	Disclosed no conflict of interest.
Sowa, Gwendolyn	Disclosed no conflict of interest.
Sowers, Alexa	Disclosed no conflict of interest.
Soza, Fabian	Disclosed no conflict of interest.
Spang, Jeffrey	Disclosed no conflict of interest.
Spang, Jeffrey T	Disclosed no conflict of interest.
Spauwen, Lennard	Disclosed no conflict of interest.
Speshock, Alyson	Disclosed no conflict of interest.
Spina, Aidin	Disclosed no conflict of interest.
Spindler, Kurt P^b Society of Sports Medicine.	8: Orthopaedic Journal of Sports Medicine; 9: American Orthopaedic
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Spoelstra, Laurens	Disclosed no conflict of interest.
Spoonmore, Thomas	3A: Kuros Biosciences.
Spraggs-Hughes, Amanda G	Disclosed no conflict of interest.
Sprangel, Kell	Disclosed no conflict of interest.
Springer, Luke	Disclosed no conflict of interest.

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Spritzer, Charles E	Disclosed no conflict of interest.
Spurri, Amanda	Disclosed no conflict of interest.
Spyres, Dean	Disclosed no conflict of interest.
Srikanth, Harikrushnaa	Disclosed no conflict of interest.
Srikumaran, Uma	Disclosed no conflict of interest.
Stabile, Hunter	Disclosed no conflict of interest.
Stadler, Ryan	Disclosed no conflict of interest.
Staffa, Steven J	Disclosed no conflict of interest.
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Stapleton, Sean	Disclosed no conflict of interest.
Stappenbeck, Thaddeus	Disclosed no conflict of interest.
Stappers, Flore	Disclosed no conflict of interest.
Stark, Samuel	Disclosed no conflict of interest.
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Stasikelis, Peter	Disclosed no conflict of interest.
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Stavrakis, Stavros	Disclosed no conflict of interest.
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Stefani, Laurel	Disclosed no conflict of interest.
Stefanski, Amber	Disclosed no conflict of interest.
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Steinberg, David	Disclosed no conflict of interest.
Steinberger, Collin	Disclosed no conflict of interest.
Steineman, Brett	Disclosed no conflict of interest.
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Steward, Nancy	Disclosed no conflict of interest.
Steward, Oswald	Disclosed no conflict of interest.
Stewart, Austin C	Disclosed no conflict of interest.
Stewart, Elizabeth	Disclosed no conflict of interest.
Stewart, Mackenzie	Disclosed no conflict of interest.
Stiefel, Eric	Disclosed no conflict of interest.
Stilling, Maiken	Disclosed no conflict of interest.

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Stoddart, Martin J.	Disclosed no conflict of interest.
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Stoeckl, Brendan D	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Sujino, Asahi	Disclosed no conflict of interest.
Sukenari, Tsuyoshi	Disclosed no conflict of interest.
Sukopp, Matthias	Disclosed no conflict of interest.
Sukul, Abhijit	Disclosed no conflict of interest.
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Sullivan, Connor W	Disclosed no conflict of interest.
Sullivan, Thomas	Disclosed no conflict of interest.
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Sun, Jiayi	Disclosed no conflict of interest.
Sun, Jun	Disclosed no conflict of interest.
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Sun, Qi	Disclosed no conflict of interest.
Sun, Shuchun	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Sung, Sun-Sang J	Disclosed no conflict of interest.
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Suresh, Adarsh	Disclosed no conflict of interest.
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Suresh, Rohan	Disclosed no conflict of interest.
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Suyama, Kaori	Disclosed no conflict of interest.
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Suzuki, Hisataka	Disclosed no conflict of interest.
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Suzuki, Takashi	Disclosed no conflict of interest.
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Suzuki, Tomoto	Disclosed no conflict of interest.
Suzuki, Yuki	Disclosed no conflict of interest.
Suzuki-Inoue, Katsue	Disclosed no conflict of interest.
Svendsen, Clive	Disclosed no conflict of interest.

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Swarup, Ishaan	Disclosed no conflict of interest.
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Swiergosz, Andrew	Disclosed no conflict of interest.
Swift, Diane	Disclosed no conflict of interest.
Swords, Lara	Disclosed no conflict of interest.
Syed, Akbar	Disclosed no conflict of interest.
Syed, Ameera	Disclosed no conflict of interest.
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Szaro, Pawel	Disclosed no conflict of interest.
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Szymczak, Aleksander	Disclosed no conflict of interest.
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Taber, Caroline	Disclosed no conflict of interest.
Taboada, Phillip	Disclosed no conflict of interest.
Taboas, Juan	Disclosed no conflict of interest.
Tachibana, Shotaro	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Tachibana, Toshiya	Disclosed no conflict of interest.
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Tada, Mitsunori	Disclosed no conflict of interest.
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Taheri, Mehrangiz	Disclosed no conflict of interest.
Taheri, Shahed	Disclosed no conflict of interest.
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Taitano, Lissa	Disclosed no conflict of interest.
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Takahashi, Katsunori	Disclosed no conflict of interest.
Takahashi, Kazuhiro	Disclosed no conflict of interest.
Takahashi, Kenji	Disclosed no conflict of interest.

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Takahashi, Sakurako	Disclosed no conflict of interest.
Takahashi, Satoru	Disclosed no conflict of interest.
Takahashi, Takashi	Disclosed no conflict of interest.
Takahata, Hiromi	Disclosed no conflict of interest.
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Takakubo, Yuya	Disclosed no conflict of interest.
Takakura, Nobuyuki	Disclosed no conflict of interest.
Takao, Masaki	Disclosed no conflict of interest.
Takase, Kyohei	Disclosed no conflict of interest.
Takase, Ryota	Disclosed no conflict of interest.
Takashi, Hirase	Disclosed no conflict of interest.
Takashima, Kazuma	Disclosed no conflict of interest.
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Taketomi, Shuji	Disclosed no conflict of interest.
Takeuchi, Makoto	Disclosed no conflict of interest.
Takeuchi, Satoshi	Disclosed no conflict of interest.
Takeura, Nobuaki	Disclosed no conflict of interest.
Takeyama, Masanobu	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Taki, Naoya	Disclosed no conflict of interest.
Takigami, Shunsaku	Disclosed no conflict of interest.
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Takizawa, Misako	Disclosed no conflict of interest.
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Tamaki, Masashi	Disclosed no conflict of interest.
Tamaki, Shunsuke	Disclosed no conflict of interest.
Tamborini, Lisa	Disclosed no conflict of interest.
Tamburro, Margaret	Disclosed no conflict of interest.
Tamburro, Margaret K	Disclosed no conflict of interest.
Tamura, Kazunori	Disclosed no conflict of interest.
Tamura, Masanori	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Tanck, Esther	Disclosed no conflict of interest.
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Tarawneh, Omar	Disclosed no conflict of interest.

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Tewell, Nicholas	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Thomas, Crenshaw	Disclosed no conflict of interest.
Thomas, George	Disclosed no conflict of interest.
Thomas, Karl N	Disclosed no conflict of interest.
Thomas, Nicholas	Disclosed no conflict of interest.
Thomas, Nicholas T	Disclosed no conflict of interest.
Thomas, Nicholas T.	Disclosed no conflict of interest.
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Thompson, Jacob D.	Disclosed no conflict of interest.
Thompson, Matthew^b	3A: Stryker; 4: Stryker.
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Thoreson, Andrew R	Disclosed no conflict of interest.
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Thorpe, Steven W	Disclosed no conflict of interest.
Thottappillil, Neelima	Disclosed no conflict of interest.
Throop, Ronald	Disclosed no conflict of interest.
Thuillier, Daniel	Disclosed no conflict of interest.
Thurlow, Nat	Disclosed no conflict of interest.
Tian, Bo	Disclosed no conflict of interest.
Tian, Kai	Disclosed no conflict of interest.
Tian, Xinggui	Disclosed no conflict of interest.
Tiao, Justin	Disclosed no conflict of interest.
Tibbo, Meagan	Disclosed no conflict of interest.
Tibone, James	Disclosed no conflict of interest.

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Tierney, Peyton	Disclosed no conflict of interest.
Tierney, Sean	Disclosed no conflict of interest.
Tijerina, Ricardo R	Disclosed no conflict of interest.
Tillu, Anica	Disclosed no conflict of interest.
Tilton, Maryam	Disclosed no conflict of interest.
Tilve, Ria	Disclosed no conflict of interest.
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Timmermann, Scott	Disclosed no conflict of interest.
Tirones, Korinne M.	Disclosed no conflict of interest.
Tischler, Eric	Disclosed no conflict of interest.
Tiulpin, Aleksei	Disclosed no conflict of interest.
Tjong, Vehniah	Disclosed no conflict of interest.
Tjörnstrand, Jon	Disclosed no conflict of interest.
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Tobin, Brendan	Disclosed no conflict of interest.
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Tokuda, Kotaro	Disclosed no conflict of interest.
Tokuhiro, Taiki	Disclosed no conflict of interest.
Tokuhiro, Yasutaka	Disclosed no conflict of interest.
Tokura, Takeo	Disclosed no conflict of interest.

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Toman, Jeffrey W	Disclosed no conflict of interest.
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Torres-Espin, Abel	Disclosed no conflict of interest.
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Tortorella, Micky Daniel	Disclosed no conflict of interest.
Toshiya, Tachibana	Disclosed no conflict of interest.
Tosso, Marcello	Disclosed no conflict of interest.
Toth, Ali	Disclosed no conflict of interest.
Toth, Ferenc	Disclosed no conflict of interest.
Toth, Michael	Disclosed no conflict of interest.
Toth, Michael J.	Disclosed no conflict of interest.
Totoki, Yasukazu	Disclosed no conflict of interest.

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Author disclosures as of August 2024



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Toussaint, Leonide	Disclosed no conflict of interest.
Toussaint, Rull J	Disclosed no conflict of interest.
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Travers, Hannah	Disclosed no conflict of interest.
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Trejo, Braden	Disclosed no conflict of interest.
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Trentacosta, Natasha	Disclosed no conflict of interest.
Trentadue, Taylor P	Disclosed no conflict of interest.
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Author disclosures as of August 2024



Tripathi, Alok	Disclosed no conflict of interest.
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Trommer, Rafael M	Disclosed no conflict of interest.
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Truttschl, Marjan	Disclosed no conflict of interest.
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Tsourkas, Andrew	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Tsujimoto, Takeru	Disclosed no conflict of interest.
Tsujimura, Yoshitaka	Disclosed no conflict of interest.
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Tsukamoto, Manabu	Disclosed no conflict of interest.
Tsunematsu, Toshitaka	Disclosed no conflict of interest.
Tsusaka, Takeshi	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Uddin, Sardar MZ	Disclosed no conflict of interest.
Ueda, Masataka	Disclosed no conflict of interest.
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Author disclosures as of August 2024



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Uemura, Keisuke	Disclosed no conflict of interest.
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Uppal, Harjot	Disclosed no conflict of interest.
Uppstrom, Tyler	Disclosed no conflict of interest.
Uppuganti, Sasidhar	Disclosed no conflict of interest.
Ural, Ani	Disclosed no conflict of interest.

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Author disclosures as of August 2024



Urata, Yasuo	Disclosed no conflict of interest.
Urdahl, Torben H	Disclosed no conflict of interest.
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Urish, Kenneth L	Disclosed no conflict of interest.
Urrea De La Puerta, Carlos Y	Disclosed no conflict of interest.
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Usip, Sharon	Disclosed no conflict of interest.
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Vaccaro Jr, Alexander	Disclosed no conflict of interest.
Vaccaro, Alexander^b	1: Stryker, Globus, Medtronic, Atlas, Alphatech Spine, Elsevier, Jaypee, Taylor Francis/Hodder and Stoughton, Thieme; 3B: Globus; 4: Accelus, Advanced Spine Intellectual Properties, Atlas, Avaz Surgical, AKVN Patient Driven Care, Cytonics, Deep Health, Dimension Orthotics LLC, Electocore, Flagship Surgical, FlowPharma, Globus, Harvard MedTech, Innovative Surgical Design, Jushi (Haywood), Nuvasive, Orthobullets, Parvizi Surgical Innovation, Progressive Spinal Technologies, Replication Medica, Sentryx, Stout Medical, ViewFi Health.
Vaccaro, Alexander R^b	1: Stryker, Globus, Medtronic, Atlas, Alphatech Spine, Elsevier, Jaypee, Taylor Francis/Hodder and Stoughton, and Thieme; 3B: Globus; 4: Accelus, Advanced Spinal Intellectual Properties, Atlas, Avaz Surgical, AVKN Patient Driven Care, Cytonics, Deep Health, Dimension Orthotics LLC, Electocore, Flagship Surgical, FlowPharma, Globus, Har.
Vacek, Pamela	Disclosed no conflict of interest.
Vadala, Gianluca	Disclosed no conflict of interest.
Vahidi, Ghazal	Disclosed no conflict of interest.
Vaidya, Rachana	Disclosed no conflict of interest.
Vaish, Bhavya	Disclosed no conflict of interest.
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Valan, Bruno	Disclosed no conflict of interest.
Valdes-Hernandez, Pedro	Disclosed no conflict of interest.
Valdevit, Antonio^b	5: Acuity Surgical.

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Valentine, Michael^b	3A: LifeNet Health.
Van Boxtel, Matthew	Disclosed no conflict of interest.
van de Groes, Sebastiaan	Disclosed no conflict of interest.
Van de Ven, Andre	Disclosed no conflict of interest.
van de Ven, Marieke	Disclosed no conflict of interest.
Van Der Bas, Megan	Disclosed no conflict of interest.
van der Bijl, Elizabeth	Disclosed no conflict of interest.
Van der Linden, Malaïka	Disclosed no conflict of interest.
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Van Dorpe, Jo	Disclosed no conflict of interest.
van Gend, Marloes C.C.	Disclosed no conflict of interest.
Van Hyfte, Grace	Disclosed no conflict of interest.
van Maanen, Josette	Disclosed no conflict of interest.
Van Oosterwyck, Hans	Disclosed no conflict of interest.
Van Tine, Brian	Disclosed no conflict of interest.
van Veenendaal, Patrick	Disclosed no conflict of interest.
Van Wie, Bernie	Disclosed no conflict of interest.
Van Zeeland, Emily	Disclosed no conflict of interest.
Van Zeeland, Emily M	Disclosed no conflict of interest.
Vancíková, Karin	Disclosed no conflict of interest.
Vander Sloten, Jos^b	9: Materialise NV.
VanderHoek, Eden	Disclosed no conflict of interest.
VanderHoek, Eden N	Disclosed no conflict of interest.
VanderHoek, Zoe	Disclosed no conflict of interest.

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Vanhaecke, Amber	Disclosed no conflict of interest.
Vanodia, Rohini	Disclosed no conflict of interest.
Vanvelk, Niels	Disclosed no conflict of interest.
Vap, Alexander	Disclosed no conflict of interest.
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Varadarajan, Ravikumar^b	3A: Zimmer Biomet; 4: Zimmer Biomet.
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Varas, Emil	Disclosed no conflict of interest.
Varga, Peter	Disclosed no conflict of interest.
Varghese, Blesson	Disclosed no conflict of interest.
Variola, Fabio	Disclosed no conflict of interest.
Varthi, Arya G	Disclosed no conflict of interest.
Vasarhelyi, Edward^b	3B: DePuy, A Johnson & Johnson Company, Hip Innovation Technology, MicroPort, Zimmer; 5: DePuy, A Johnson & Johnson Company, MicroPort; 6: DePuy, A Johnson & Johnson Company, Smith & Nephew, Stryker, Zimmer.
Vasava, Jigar^b	3A: Acumed.
Vasilopoulou, Antonia	Disclosed no conflict of interest.
Vasudevan, Rajiv S	Disclosed no conflict of interest.
Vaswani, Ravi	Disclosed no conflict of interest.
Vatter, Chiara	Disclosed no conflict of interest.
Vaughan, Quianna	Disclosed no conflict of interest.
Vaziri, Ashkan	Disclosed no conflict of interest.
Veatch, Darren R	Disclosed no conflict of interest.
Vechnyak, Dina	Disclosed no conflict of interest.
Veenendaal, Laura	Disclosed no conflict of interest.
Vekariya, Rushi	Disclosed no conflict of interest.
Velaga, Geethika C	Disclosed no conflict of interest.

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Velasquez-Marin, Silvana	Disclosed no conflict of interest.
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Vendemiatti Haddad, Amanda	Disclosed no conflict of interest.
Venkadesan, Madhusudhan	Disclosed no conflict of interest.
Venkatasubramanian, Divya	Disclosed no conflict of interest.
Venkatesan, Rajiu	Disclosed no conflict of interest.
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Veres, Samuel	Disclosed no conflict of interest.
Veres, Samuel P	Disclosed no conflict of interest.
Vergis, John	Disclosed no conflict of interest.
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Verhey, Jens T	Disclosed no conflict of interest.
Verma, Nikhil	Disclosed no conflict of interest.
Vermaat, Tristan C.W.	Disclosed no conflict of interest.
Verna, Bruno	Disclosed no conflict of interest.
Verrier, Sophie	Disclosed no conflict of interest.
Vessal, Mani	Disclosed no conflict of interest.
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Viggiano, Michael K	Disclosed no conflict of interest.

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Vignolo, Sofia	Disclosed no conflict of interest.
Vijayakumar, Janapriya	Disclosed no conflict of interest.
Vijitha, Puviindran	Disclosed no conflict of interest.
Villa, Jordan C.	Disclosed no conflict of interest.
Villa, Reyna E.	Disclosed no conflict of interest.
Villapudua, Carlos	Disclosed no conflict of interest.
Villeda, Saul A	Disclosed no conflict of interest.
Villers, Mark	Disclosed no conflict of interest.
Villers, Mark D	Disclosed no conflict of interest.
Viola, Dan	Disclosed no conflict of interest.
Virk, Sohrab	Disclosed no conflict of interest.
Visco, Zach	Disclosed no conflict of interest.
Visgauss, Julia	Disclosed no conflict of interest.
Vishwanath, Karan	Disclosed no conflict of interest.
Visperas, Anabelle	Disclosed no conflict of interest.
Viswanathan, Sowmya	Disclosed no conflict of interest.
Vitali, Ariana	Disclosed no conflict of interest.
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Vlaisavljevich, Eli	Disclosed no conflict of interest.
Vlasak, Alexander	Disclosed no conflict of interest.
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von Eisenhart-Rothe, Rüdiger	Disclosed no conflict of interest.
Von Stade, Devin	Disclosed no conflict of interest.
Voos, James	Disclosed no conflict of interest.
Vore, Jon	Disclosed no conflict of interest.
Voshage, Aaron	Disclosed no conflict of interest.
Vozzi, Giovanni	Disclosed no conflict of interest.
Vroman, Robin	Disclosed no conflict of interest.
Vu, Brian-Tinh D	Disclosed no conflict of interest.
Vu, Elizabeth K	Disclosed no conflict of interest.
Vu, Helena	Disclosed no conflict of interest.
Vukelic, Sinisa	Disclosed no conflict of interest.
Vummidi, Shivasuryan	Disclosed no conflict of interest.
Vuononvirta, Lassi	Disclosed no conflict of interest.
Wachs, Rebecca	Disclosed no conflict of interest.
Wachs, Rebecca A	Disclosed no conflict of interest.
Wackerle, Anja	Disclosed no conflict of interest.
Wackerle, Anja M	Disclosed no conflict of interest.
Wada, Hiroaki	Disclosed no conflict of interest.
Wada, Kensuke	Disclosed no conflict of interest.
Wada, Susumu	Disclosed no conflict of interest.
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Wadhwa, Harsh	Disclosed no conflict of interest.
Wagley, Yadav	Disclosed no conflict of interest.
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Wagner, Eric R.^b Konica Minolta.	3B: Stryker Corporation, Biomet, Acumed, Osteoremedies; 5: Arthrex,
Wagner, Maggie M	Disclosed no conflict of interest.

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Wague, Aboubacar	Disclosed no conflict of interest.
Wahab, Mahmoud	Disclosed no conflict of interest.
Wahbeh, Jenna	Disclosed no conflict of interest.
Wahbeh, Jenna M.	Disclosed no conflict of interest.
Wahle, Charlotte F.	Disclosed no conflict of interest.
Wakefield, Jane	Disclosed no conflict of interest.
Wako, Masanori	Disclosed no conflict of interest.
Walk, Remy	Disclosed no conflict of interest.
Walk, Remy E	Disclosed no conflict of interest.
Walker, Aliyah N	Disclosed no conflict of interest.
Walker, Corey^b	2: Globus; 3B: Alphatec.
Walker, Joseph B	Disclosed no conflict of interest.
Walker, Lizzie	Disclosed no conflict of interest.
Wallace, Joseph M	Disclosed no conflict of interest.
Wallace, Mark	Disclosed no conflict of interest.
Walley, Kempland	Disclosed no conflict of interest.
Wallis, Jessica T	Disclosed no conflict of interest.
Walls, Raymond J	Disclosed no conflict of interest.
Walsh, Dalton	Disclosed no conflict of interest.
Walsh, David P	Disclosed no conflict of interest.
Walsh, Eileen	Disclosed no conflict of interest.
Walsh, Justin M	Disclosed no conflict of interest.
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Walter, Benjamin	Disclosed no conflict of interest.
Walters, Glenn	Disclosed no conflict of interest.
Walton, Bonnie^b	9: ORS Committee.

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WaMaina, Mwangi	Disclosed no conflict of interest.
Wan, Derrick	Disclosed no conflict of interest.
Wan, Keyu	Disclosed no conflict of interest.
Wan, Liyang	Disclosed no conflict of interest.
Wan, Xueyi	Disclosed no conflict of interest.
Wang, Bin	Disclosed no conflict of interest.
Wang, Bing	Disclosed no conflict of interest.
Wang, Bingwu	Disclosed no conflict of interest.
Wang, Brandon	Disclosed no conflict of interest.
Wang, Chen	Disclosed no conflict of interest.
Wang, Cong^b	4: TAOiMAGE Co.
Wang, Dalin	Disclosed no conflict of interest.
Wang, Dan Michelle	Disclosed no conflict of interest.
Wang, David J	Disclosed no conflict of interest.
Wang, Deli	Disclosed no conflict of interest.
Wang, Dong^b	4: Ensign Pharmaceutical, Inc.; 5: Ensign Pharmaceutical, Inc.
Wang, Edward D	Disclosed no conflict of interest.
Wang, Elizabeth	Disclosed no conflict of interest.
Wang, Emma	Disclosed no conflict of interest.
Wang, Ergang	Disclosed no conflict of interest.
Wang, Gongwei	Disclosed no conflict of interest.
Wang, Hannah Y	Disclosed no conflict of interest.
Wang, Henry	Disclosed no conflict of interest.
Wang, James	Disclosed no conflict of interest.
Wang, James H-C.	Disclosed no conflict of interest.
Wang, Jianye	Disclosed no conflict of interest.

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Wang, Jingxuan	Disclosed no conflict of interest.
Wang, Jingyi	Disclosed no conflict of interest.
Wang, Jinxi	Disclosed no conflict of interest.
Wang, Kaidi	Disclosed no conflict of interest.
Wang, Kangxin	Disclosed no conflict of interest.
Wang, Lai	Disclosed no conflict of interest.
Wang, Lei	Disclosed no conflict of interest.
Wang, Lijun	Disclosed no conflict of interest.
Wang, Ling	Disclosed no conflict of interest.
Wang, Liyun	Disclosed no conflict of interest.
Wang, Maggie	Disclosed no conflict of interest.
Wang, Mei	Disclosed no conflict of interest.
Wang, Mingyuan	Disclosed no conflict of interest.
Wang, Nian	Disclosed no conflict of interest.
Wang, Pengyu	Disclosed no conflict of interest.
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Wang, Qianjin	Disclosed no conflict of interest.
Wang, Qingyu^b	3A: Shanghai Henlius Biotech, Inc.
Wang, Rebecca	Disclosed no conflict of interest.
Wang, Shangcheng	Disclosed no conflict of interest.
Wang, Shangping	Disclosed no conflict of interest.
Wang, Shaomeng	Disclosed no conflict of interest.
Wang, Shenghao	Disclosed no conflict of interest.
Wang, Shu-Han	Disclosed no conflict of interest.
Wang, Sophia	Disclosed no conflict of interest.
Wang, Sun Young	Disclosed no conflict of interest.

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Wang, Tianbai	Disclosed no conflict of interest.
Wang, Vincent	Disclosed no conflict of interest.
Wang, Weicheng	Disclosed no conflict of interest.
Wang, William	Disclosed no conflict of interest.
Wang, Xi	Disclosed no conflict of interest.
Wang, Yan-Hsiung	Disclosed no conflict of interest.
Wang, Ying	Disclosed no conflict of interest.
Wang, Yongjun	Disclosed no conflict of interest.
Wang, Yuji	Disclosed no conflict of interest.
Wang, Zachary	Disclosed no conflict of interest.
Wang, Zhangzheng	Disclosed no conflict of interest.
Wang, Zheng	Disclosed no conflict of interest.
Wang, Zhuo	Disclosed no conflict of interest.
Wang, Zilong	Disclosed no conflict of interest.
Wang, Ziyang	Disclosed no conflict of interest.
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Wangkar, Rohan	Disclosed no conflict of interest.
Wann, Angus	Disclosed no conflict of interest.
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Ward, Derek	Disclosed no conflict of interest.
Ward, Kailee	Disclosed no conflict of interest.
Ward, Samuel R	Disclosed no conflict of interest.
Warden, Stuart	Disclosed no conflict of interest.
Waren, Daniel	Disclosed no conflict of interest.
Warin, Julie	Disclosed no conflict of interest.

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Warner, Stephen J	Disclosed no conflict of interest.
Warwick, Hunter S	Disclosed no conflict of interest.
Washimi, Kota	Disclosed no conflict of interest.
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Watanabe, Daiki	Disclosed no conflict of interest.
Watanabe, Hideaki	Disclosed no conflict of interest.
Watanabe, Hiroshi	Disclosed no conflict of interest.
Watanabe, Kota	Disclosed no conflict of interest.
Watanabe, Masahiko	Disclosed no conflict of interest.
Watanabe, Shimpei	Disclosed no conflict of interest.
Watanabe, Shu	Disclosed no conflict of interest.
Watanabe, Yoshinobu	Disclosed no conflict of interest.
Watase, Koumei	Disclosed no conflict of interest.
Watermeier, Rachel	Disclosed no conflict of interest.
Watkins, Amanda R	Disclosed no conflict of interest.
Watson, Alan	Disclosed no conflict of interest.
Watson, Nicole	Disclosed no conflict of interest.
Watson, Samantha	Disclosed no conflict of interest.
Wattrus, Samuel J	Disclosed no conflict of interest.
Wawrose, Richard	Disclosed no conflict of interest.
Weaver, Adam	Disclosed no conflict of interest.
Weaver, Bradley A.	Disclosed no conflict of interest.

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Weaver, Samantha R	Disclosed no conflict of interest.
Webb, Samuel	Disclosed no conflict of interest.
Weber, Douglas	Disclosed no conflict of interest.
Weber, Michael	Disclosed no conflict of interest.
Wechsler, Jacob T	Disclosed no conflict of interest.
Wechsler, Roni^b	3A: Moebius Medical; 4: Moebius Medical.
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Wee, Hwa Bok	Disclosed no conflict of interest.
Weeks, Jason	Disclosed no conflict of interest.
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Wein, Mary	Disclosed no conflict of interest.
Weinans, Harrie	Disclosed no conflict of interest.
Weinerman, Jonathan	Disclosed no conflict of interest.
Weinrich, Jarret	Disclosed no conflict of interest.
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Weinstein, Everett S	Disclosed no conflict of interest.
Weir, Jared^b	3B: Stryker; 4: Deep Structure.
Weis, Amanda S	Disclosed no conflict of interest.
Weis, Sandy	Disclosed no conflict of interest.
Weiser, Jennifer	Disclosed no conflict of interest.
Weiss, Andre	Disclosed no conflict of interest.
Weiss, Jeffrey A	Disclosed no conflict of interest.
Weiss, Stephanie	Disclosed no conflict of interest.

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Weiss, Stephanie A	Disclosed no conflict of interest.
Weiss, Stephanie N	Disclosed no conflict of interest.
Weiss, William M^b	8: Editorial board of Arthroscopy, Editorial board of Bone & Joint 360; 9: Chair of Communications Committee for the Canadian Orthopedic Association.
Weiss-Kelly, Amanda	Disclosed no conflict of interest.
Weiss-Laxer, Nomi	Disclosed no conflict of interest.
Weivoda, Megan	Disclosed no conflict of interest.
Weivoda, Megan M	Disclosed no conflict of interest.
Welch, Jessica	Disclosed no conflict of interest.
Welfley, Avery	Disclosed no conflict of interest.
Welfley, Avery H	Disclosed no conflict of interest.
Welhaven, Hope	Disclosed no conflict of interest.
Welhaven, Hope D	Disclosed no conflict of interest.
Wellington, Ian J.	Disclosed no conflict of interest.
Wells, Zachary	Disclosed no conflict of interest.
Wen, Sicheng	Disclosed no conflict of interest.
Wen, Yuan	Disclosed no conflict of interest.
Wendland, Kerstin	Disclosed no conflict of interest.
Wenke, Joseph	Disclosed no conflict of interest.
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Wespi, Lucille	Disclosed no conflict of interest.
Wessel, Lauren	Disclosed no conflict of interest.
Wessel, Lauren E.	Disclosed no conflict of interest.
Wessels, Emma	Disclosed no conflict of interest.
Westendorf, Jennifer	Disclosed no conflict of interest.

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Westendorf, Jennifer J	Disclosed no conflict of interest.
Westermann, Robert W	Disclosed no conflict of interest.
Westover, Lindsey	Disclosed no conflict of interest.
Westrich, Geoffrey^b Association.	1: Stryker, Exactech; 3B: Stryker; 5: Stryker; 9: Eastern Orthopedic Association.
Weyer, Esther	Disclosed no conflict of interest.
Weyers, Miriam	Disclosed no conflict of interest.
Wheatley, Mitchell	Disclosed no conflict of interest.
Wheeler, Darice	Disclosed no conflict of interest.
Wheeler, Erika E	Disclosed no conflict of interest.
Wheeler, Tim	Disclosed no conflict of interest.
Whelan, Ryan J	Disclosed no conflict of interest.
Whicker, Emily A	Disclosed no conflict of interest.
Whitacre, Grant B	Disclosed no conflict of interest.
Whitaker, John E	Disclosed no conflict of interest.
Whitaker, Morgan	Disclosed no conflict of interest.
White, Christopher A	Disclosed no conflict of interest.
White, McKenzie S.	Disclosed no conflict of interest.
White, Neil J.	Disclosed no conflict of interest.
Whiting, Paul	Disclosed no conflict of interest.
Whitney, Kaitie	Disclosed no conflict of interest.
Whitten, Sydni V	Disclosed no conflict of interest.
Whitton, Chris	Disclosed no conflict of interest.
Whyte, Noelle	Disclosed no conflict of interest.
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Widmayer, Franziska	Disclosed no conflict of interest.
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Wigmore, Estelle	Disclosed no conflict of interest.
Wijedicks, Coen^b	3A: Arthrex.
Wilde, Michael	Disclosed no conflict of interest.
Wildemann, Britt	Disclosed no conflict of interest.
Wilhelm, Zachary C	Disclosed no conflict of interest.
Wilk, Richard M	Disclosed no conflict of interest.
Wilke, Hans-Joachim	Disclosed no conflict of interest.
Wilken, Jason	Disclosed no conflict of interest.
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Willett, Nick	Disclosed no conflict of interest.
Willett, Nick J.	Disclosed no conflict of interest.
Willey, Jeffrey	Disclosed no conflict of interest.
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Williams, Ashley	Disclosed no conflict of interest.
Williams, Ashley A	Disclosed no conflict of interest.
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Williams, Kylie E	Disclosed no conflict of interest.
Williams, Rebecca	Disclosed no conflict of interest.
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Williams, Tyler C	Disclosed no conflict of interest.
Williamson, Jessica	Disclosed no conflict of interest.
Williamson, Lucinda	Disclosed no conflict of interest.
Williamson, Lucinda A	Disclosed no conflict of interest.
Williamson, Timothy	Disclosed no conflict of interest.
Willie, Bettina	Disclosed no conflict of interest.
Willimans, Allison	Disclosed no conflict of interest.
Willing, Ryan	Disclosed no conflict of interest.
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Wininger, Austin E	Disclosed no conflict of interest.
Winkler, Garrett A	Disclosed no conflict of interest.
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Winston, Flora K	Disclosed no conflict of interest.
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Wong, Alister	Disclosed no conflict of interest.
Wong, Andrew	Disclosed no conflict of interest.
Wong, Chin-Chean	Disclosed no conflict of interest.
Wong, John	Disclosed no conflict of interest.

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Wong, Ronald Man Yeung	Disclosed no conflict of interest.
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Wong, Stephanie	Disclosed no conflict of interest.
Wong, Van W	Disclosed no conflict of interest.
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Wu, Che Wei	Disclosed no conflict of interest.
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Wu, Christopher L.	Disclosed no conflict of interest.
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Wu, Jun	Disclosed no conflict of interest.
Wu, Justin	Disclosed no conflict of interest.
Wu, Kevin	Disclosed no conflict of interest.
Wu, Kevin A.	Disclosed no conflict of interest.
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Wu, Shun-Cheng	Disclosed no conflict of interest.
Wu, Shuwang	Disclosed no conflict of interest.
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Wu, Yuanshan	Disclosed no conflict of interest.
Wu, Zhiming	Disclosed no conflict of interest.

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Xia, Younan	Disclosed no conflict of interest.
Xiang, Jiaqi	Disclosed no conflict of interest.
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Xu, Qinqin	Disclosed no conflict of interest.
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Yellowley, Clare E	Disclosed no conflict of interest.
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Yen, Yi-Meng	Disclosed no conflict of interest.
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Yokota, Shogo	Disclosed no conflict of interest.
Yokota, Shunichi	Disclosed no conflict of interest.
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Yoon, Jae Youn	Disclosed no conflict of interest.
Yoon, Sangwook	Disclosed no conflict of interest.
Yoon, Sangwook T.	Disclosed no conflict of interest.

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Yorgan, Timur Alexander	Disclosed no conflict of interest.
York, Justin	Disclosed no conflict of interest.
Yoshida, Aki	Disclosed no conflict of interest.
Yoshida, Akihiko	Disclosed no conflict of interest.
Yoshida, Masahito	Disclosed no conflict of interest.
Yoshida, Miyuka	Disclosed no conflict of interest.
Yoshida, Natsuki	Disclosed no conflict of interest.
Yoshida, Shin	Disclosed no conflict of interest.
Yoshida, Tomotaka	Disclosed no conflict of interest.
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Younis, Sandy	Disclosed no conflict of interest.
Yousef, Mohamed	Disclosed no conflict of interest.
Youssef, Mark	Disclosed no conflict of interest.

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Zhang, Jianying	Disclosed no conflict of interest.
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Zhang, Ling	Disclosed no conflict of interest.
Zhang, Louis	Disclosed no conflict of interest.
Zhang, Mingcai	Disclosed no conflict of interest.
Zhang, Ning	Disclosed no conflict of interest.
Zhang, Renlong	Disclosed no conflict of interest.
Zhang, Tianqi	Disclosed no conflict of interest.
Zhang, Victor	Disclosed no conflict of interest.
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Zhang, Xiang	Disclosed no conflict of interest.
Zhang, Xinping	Disclosed no conflict of interest.
Zhang, Xueying	Disclosed no conflict of interest.
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Zhang, Yawei	Disclosed no conflict of interest.
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Zhang, Yi	Disclosed no conflict of interest.
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Zhang, Yongxing	Disclosed no conflict of interest.
Zhang, Yuanhao	Disclosed no conflict of interest.
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Zhang, Yuqi	Disclosed no conflict of interest.
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Zhao, Rong	Disclosed no conflict of interest.
Zhao, Thomas	Disclosed no conflict of interest.
Zhao, Timothy	Disclosed no conflict of interest.
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Zhou, Joanne	Disclosed no conflict of interest.
Zhou, Li	Disclosed no conflict of interest.
Zhou, Minhao	Disclosed no conflict of interest.
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Zhou, Xiaozhong	Disclosed no conflict of interest.
Zhou, Zehua	Disclosed no conflict of interest.
Zhou, Zijie	Disclosed no conflict of interest.
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Zila, Lea	Disclosed no conflict of interest.

^b indicates content of the accredited activity is limited to basic science research, such as preclinical research and drug discovery, or the methodologies of research, and they do not make care recommendations.

^p indicates 2025 Program Committee

*indicates ORS Staff Member

All relevant financial relationships have been mitigated.

Author disclosures as of August 2024



Zimmer, Manuela	Disclosed no conflict of interest.
Zimmer, Nicole E	Disclosed no conflict of interest.
Zimmer, Zachary	Disclosed no conflict of interest.
Zimmerer, Alexander	Disclosed no conflict of interest.
Zimmermann, Elizabeth	Disclosed no conflict of interest.
Zingas, Christopher^b	1: Paragon 28; 3B: Paragon 28; 5: Paragon 28; 7A: Paragon 28.
Zitnay, Jared L	Disclosed no conflict of interest.
Ziyaeyan, Atoosa	Disclosed no conflict of interest.
Zlotnick, Hannah M^b	3B: Mechano-Therapeutics.
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Zou, Allen	Disclosed no conflict of interest.
Zou, Diyang	Disclosed no conflict of interest.
Zou, Trudy	Disclosed no conflict of interest.
Zucker, Colson P	Disclosed no conflict of interest.
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Zuckerman, Joseph D^b	3B: Exactech Inc; 7A: Exactech Inc.
Zuscik, Michael	Disclosed no conflict of interest.
Zuscik, Michael J	Disclosed no conflict of interest.
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Zustiak, Silviya	Disclosed no conflict of interest.
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Zwolinski, Michael A^b	3A: Acumed.

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