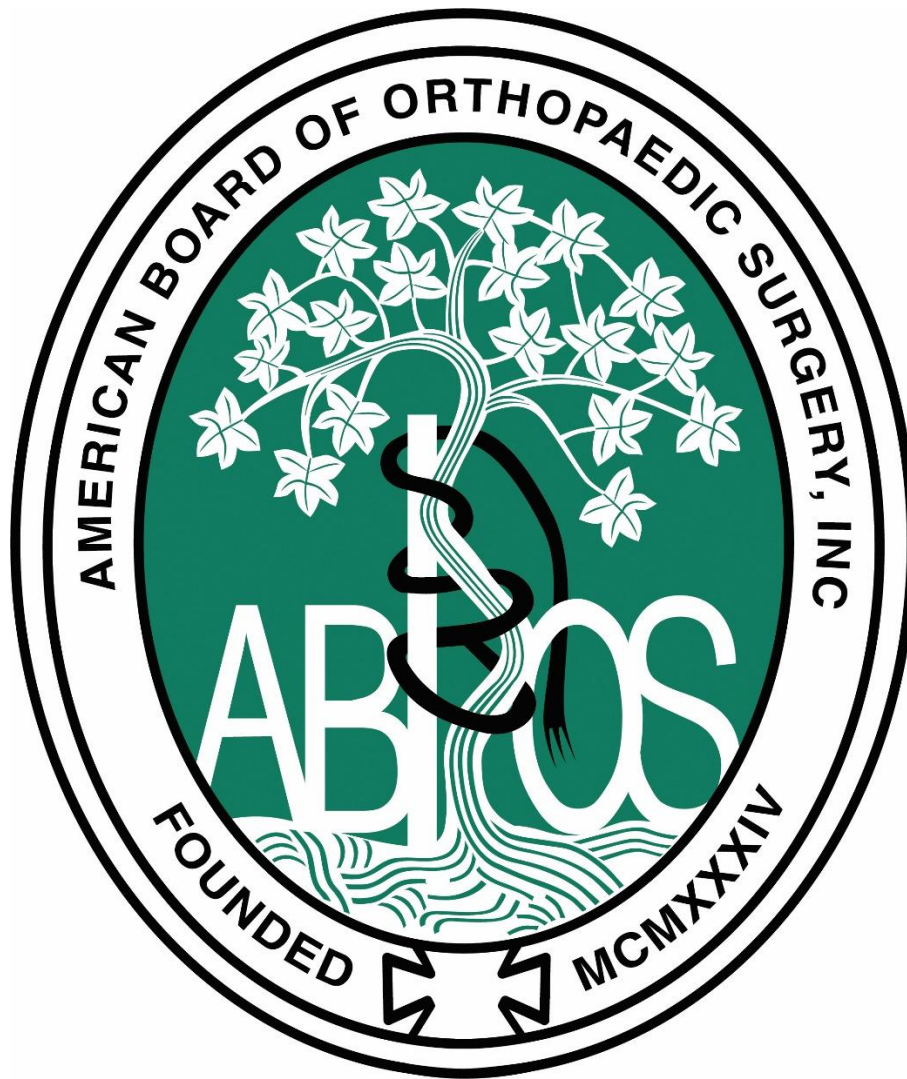


**The American Board of Orthopaedic
Surgery
Web-Based Longitudinal Assessment
ABOS WLA**



2026 Knowledge Sources

2026 ABOS Required Knowledge Source

- 1. Protecting the Orthopaedic Surgeon: An Institutional Review of Radiation Safety Practices, Knowledge, and Risks.**

Umanes M, Clayton E, Iglesias B, Whicker E, Olgun ZD, Donaldson W, Hogan M.
JBJS Open Access. 2025 Jun 20;10(2):e25.00042.

2025 ABOS Required Knowledge Source

- 1. AOA Critical Issues: A Culture of Safety Across All Orthopaedic Professional Endeavors.**

Ring D, Adams J, Samora J, Kamal R.
J Bone Joint Surg Am. 2024 Apr 3;106(7):654-658.

2024 ABOS Required Knowledge Source

- 1. Prevalence and Spectrum of Occupational Injury Among Orthopaedic Surgeons: A Cross-Sectional Study.**

Yakkanti R, Sedani A, Syros A, Aiyer A, D'Apuzzo M, Hernandez V.
JBJS Open Access. 2023 Jan 31;8(1):e22.00083.

General Principles

- 1. Intimate Partner Violence in the Orthopaedic Patient Population: What Surgeons Need to Know.**
Kunes J, Ulrich M, Orr C, Cannada L, Russo C.
JBJS Rev. 2023 Apr 20;11(4).
- 2. Artificial Intelligence and Orthopaedics: An Introduction for Clinicians.**
Myers T, Ramkumar P, Ricciardi B, Urish K, Kipper J, Ketonis C.
J Bone Joint Surg Am. 2020 May 6;102(9):830-840.
- 3. Use of Intrawound Antibiotics in Orthopaedic Surgery.**
Chen A, Fleischman A, Austin M.
J Am Acad Orthop Surg. 2018 Sep 1;26(17):e371-e378.
- 4. AAOS Clinical Practice Guideline Summary: Management of Osteoarthritis of the Knee (Nonarthroplasty), Third Edition.**
Brophy R, Fillingham Y.
J Am Acad Orthop Surg. 2022 May 1;30(9):e721-e729.
- 5. Obesity Treatment in Orthopaedic Surgery.**
Carreira D, Robison J, Robison S, Fitch A.
J Am Acad Orthop Surg. 2022 Dec 15;30(24):e1563-e1570.
- 6. Glucagon-like Peptide-1 Agonists: What the Orthopaedic Surgeon Needs to Know.**
Chan P, Mika A, Martin J, Wilson J.
JBJS Rev. 2024 Jan 5;12(1).
- 7. Recent advances in the therapeutic management of calcium pyrophosphate deposition disease.**
Voulgari P, Venetsanopoulou A, Drosos A.
Front Med (Lausanne). 2024 Mar 11;11:1327715.
- 8. Implementing a Hospitalist Comanagement Service in Orthopaedic Surgery.**
Ghanem D, Kagabo W, Engels R, Srikumaran U, Shafiq B.
J Bone Joint Surg Am. 2024 May 1;106(9):823-830.
- 9. A Comprehensive Review of Bone Health in a Child: From Birth to Adulthood.**
Tabaie S, O'Mara A, Sheppard E, Tosi L.
J Am Acad Orthop Surg. 2024 May 1;32(9):363-372.
- 10. Prolonged Opioid Use Is Associated With Poor Pain Alleviation After Orthopaedic Surgery.**
Marmor M, Hu S, Mahadevan V, Floren A, Solans B, Savic R.
J Am Acad Orthop Surg. 2024 Jul 1;32(13):e661-e670.

11. **Cefazolin Is Associated With a Lower Periprosthetic Joint Infection Risk than Alternative Antibiotic Regimens Following Total Hip Arthroplasty.**
Carter B, Rumalla K, Sontag-Milobsky I, Chen A, Suleiman L, Edelstein A.
J Arthroplasty. 2025 May 6:S0883-5403(25)00472-3.
12. **Imposter Syndrome Among Orthopaedic Surgery Residents is Extremely Common and Disproportionately Affects Female Residents.**
Wadhwa H, Khela H, Khela M, Van Rysselberghe N, Hunt A, Lu L, Bishop J.
JB JS Open Access. 2025 Apr 7;10(2):e24.00132.
13. **Trends in Orthopaedic Surgery Fellowship Match Among Female Residents: Discrepancies in Sex Diversity by Subspecialty.**
Anand M, Julian K, Mulcahey M, Wong S.
JB JS Open Access. 2024 Sep 13;9(3):e24.00057.
14. **Compensation Crisis: The Impact of Inflation and Declining Medicare Payments on Hip Arthroplasty Surgeons.**
Choubey A, Hussain J, Zabawa L, Martini O, Farid Y, Gonzalez M.
J Arthroplasty. 2025 May 12:S0883-5403(25)00516-9.
15. **Personal Financial Literacy for the Orthopaedic Trainee and Early Career Surgeon: A Review of the Basics.**
Kutschke M, Fadale P.
J Am Acad Orthop Surg. 2025 Feb 1;33(3):108-116.
16. **2023 American Academy of Orthopaedic Surgeons Management of Osteoarthritis of the Hip Evidence-Based Clinical Practice Guideline: Case Studies.**
Nandi S, Hannon C, Fillingham Y.
J Am Acad Orthop Surg. 2025 Feb 15;33(4):e220-e223.
17. **Death of the P Value? Bayesian Statistics for Orthopaedic Surgeons.**
Polmear M, Vasilopoulos T, O'Hara N, Krupko T.
J Am Acad Orthop Surg. 2025 Mar 15;33(6):285-300.
18. **Radiation Shielding Effect of Surgical Loupes Compared with Lead-Lined Glasses and Plastic Face Shields.**
Hardacker K, Hardacker P, Callanan T, Daniels A, Bacic J, Schilkowsky R, Oumano M, Kuris E.
J Bone Joint Surg Am. 2025 May 7;107(9):e43.
19. **Patient Opioid Requirements Are Often Far Less Than Their Discharge Prescription After Orthopaedic Surgery: the Results of a Prospective Multicenter Survey.**
Wyles C, Thiels C, Hevesi M, Ubl D, Gazelka H, Turner N, Trousdale R, Pagnano M, Mabry T, Habermann E.
J Am Acad Orthop Surg. 2021 Apr 1;29(7):e345-e353.

20. The Role of Electronic Learning in Orthopaedic Graduate Medical Training: A Consensus From Leaders in Orthopaedic Training Programs.

Bostrom M, Lewis K, Berger G; Orthopaedic Electronic Learning Graduate Medical Education Consensus Working Group.

J Am Acad Orthop Surg. 2021 Apr 15;29(8):317-325.

General Orthopaedics

- 1. Intramedullary Versus Extramedullary Fixation for Unstable Intertrochanteric Fractures. A Prospective Randomized Controlled Trial.**
Reindl R, Harvey E, Berry G, Rahme E, on behalf of the Canadian Orthopaedic Trauma Society (COTS)
JBJS; December 2, 2015; 97 (23): 1905
- 2. Direct Anterior Approach in Hip Hemiarthroplasty for Femoral Neck Fractures: Do Short-Term Outcomes Differ with Approach?: A Systematic Review and Meta-Analysis.**
Khan I, Magnuson J, Arshi A, Krueger C, Freedman K, Fillingham Y.
JBJS Rev. 2022 Sep 1;10(9).
- 3. Olecranon Fractures, A Critical Analysis Review.**
Hamoodi Z, Duckworth A, Watts A.
JBJS Reviews; January 2023; 11 (1): e22.00150
- 4. Direct Oral Anticoagulants: How Do These Drugs Work, How to Monitor, and What Is Their Role in Orthopaedic Surgery.**
Hagedorn J, Yates S, Chen J, Adkins B.
J Am Acad Orthop Surg. 2023 Apr 1;31(7):e347-e355.
- 5. Diagnosis and Management of Partial Thickness Rotator Cuff Tears: A Comprehensive Review.**
Plancher K, Shanmugam J, Briggs K, Petterson S.
J Am Acad Orthop Surg. 2021 Dec 15;29(24):1031-1043.
- 6. Pharmacotherapies in Dupuytren Disease: Current and Novel Strategies.**
Lambi A, Popoff S, Benhaim P, Barbe M.
J Hand Surg Am. 2023 Aug;48(8):810-821.
- 7. Management of the Metacarpophalangeal and Scaphotrapezotrapezoidal Joints in Patients with Thumb Trapeziometacarpal Arthrosis.**
Bridgforth A, Ross P.
Hand Clin. 2022 May;38(2):241-247.
- 8. Open fractures: evidence-based best practices.**
Whiting, P, Obremskey, W, Johal, H, Shearer, D, Volgas, D, Balogh, Z.
OTA Int. 2024 May; 7(3 Suppl): e313. Published online 2024 May 3.
- 9. Is Tension Band Wire Fixation Superior to Plate Fixation for Simple Displaced Olecranon Fractures? A Randomized Trial With Median Follow-up of 7.5 Years.**
Avisar E, Essa A, Gutman-Tirosh A, Dahan M, Assaraf E, Persitz J.
Clin Orthop Relat Res. 2023 Sep 7;482(1):127-133.
- 10. Meniscal Root Injuries.**
Krych A, Hevesi M, Leland D, Stuart M.
J Am Acad Orthop Surg. 2020 Jun 15;28(12):491-499.

11. **Current Concepts of the Management of Painful Traumatic Peripheral Nerve Neuromas.**
Lee E, Sammarco M, Spinner R, Shin A.
J Am Acad Orthop Surg. 2025 Feb 15;33(4):178-186.
12. **Management of Bleeding Diathesis in Elective and Orthopaedic Trauma: A Review.**
Mansour D, Court T, Bishop C, Vaidya R.
J Am Acad Orthop Surg. 2025 Feb 15;33(4):168-177.
13. **Myocardial Injury in Patients with Hip Fracture: A HIP ATTACK Randomized Trial Substudy.**
Borges F, Guerra-Farfan E, Bhandari M, Patel A, Slobogean G, Feibel R, Sancheti P, Tiboni M, Balaguer-Castro M, Tandon V, Tomas-Hernandez J, Sigamani A, Sigamani A, Szczeklik W, McMahon S, HIP ATTACK Investigators.
J Bone Joint Surg Am. 2024 Dec 18;106(24):2303-2312.
14. **Partial-Thickness Rotator Cuff Tears: Current Concepts.**
Bi A, Morgan A, O'Brien M, Waterman B, Strauss E, Golant A.
JBJS Rev. 2024 Aug 26;12(8).
15. **Update on Atypical Femoral Fractures.**
Anderson P, Kates S, Watts N.
J Bone Joint Surg Am. 2024 Oct 2;106(19):1819-1828.
16. **Pseudoparalysis and Pseudoparesis of the Shoulder: Definitions, Management, and Outcomes.**
Tokish J, Brinkman J.
J Am Acad Orthop Surg. 2024 Nov 1;32(21):965-974
17. **Immediate Weight-Bearing Compared with Non-Weight-Bearing After Operative Ankle Fracture Fixation.**
Khojaly R; Rowan F; Shah V; Nagle M; Shahab M; Ahmad A; Dahly, D; Taylor C; Niocaill R; Cleary M.
The Journal of Bone and Joint Surgery (J):10.2106/JBJS.24.00965, May 23, 2025.
18. **Skin Temperature Following Total Knee Arthroplasty: A Longitudinal Observational Study.**
Sharma R; Calgary Arthroplasty Research Trust (C. A. R. T.) Group.
J Arthroplasty. 2024 Oct;39(10):2466-2470.
19. **Substantial Weight Loss May Not Improve Early Outcomes of Total Knee Arthroplasty in the Morbidly Obese.**
LaValva S, Grubel J, Ong J, Chiu Y, Lyman S, Mandl L, Cushner F, Della Valle A, Parks M.
J Arthroplasty. 2024 Sep;39(9):2272-2279.e1
20. **Which Factors Are Considered by Patients When Considering Total Joint Arthroplasty? A Discrete-choice Experiment.**
Salimy M, Humphrey T, Katakam A, Melnic C, Heng M, Bedair H.
Clin Orthop Relat Res. 2023 Mar 1;481(3):427-437.

Adult Reconstruction

- 1. No Benefit to Sensor-guided Balancing Compared With Freehand Balancing in TKA: A Randomized Controlled Trial.**
Sarpong N, Held M, Grosso M, Herndon C, Santos W, Lakra A, Shah R, Cooper J, Geller J.
Clin Orthop Relat Res 2022;480:1535–44.
- 2. Patients With Femoral Neck Fractures Are at Risk for Conversion to Arthroplasty After Internal Fixation: A Machine-learning Algorithm.**
Van De Kuit A, Oosterhoff J, Dijkstra H, Sprague S, Bzovsky S, Bhandari M, Swiontkowski M, Schemitsch E, Ijpma F, Poolman R, Doornberg J, Hendrickx L, the Machine Learning Consortium and FAITH Investigators
Clin Orthop Relat Res. 2022 Dec 1;480(12):2350-2360.
- 3. Perioperative Essential Amino Acid Supplementation Facilitates Quadriceps Muscle Strength and Volume Recovery After TKA: A Double-Blinded Randomized Controlled Trial.**
Ueyama H, Kanemoto N, Minoda Y, Taniguchi Y, Nakamura H.
J Bone Joint Surg Am 2023;105:345–53.
- 4. Efficacy of a Modified Cocktail for Periarticular Local Infiltration Analgesia in Total Knee Arthroplasty: A Prospective, Double-Blinded, Randomized Controlled Trial.**
Wang Q, Zhao C, Hu J, Ma T, Yang J, Kang P.
J Bone Joint Surg Am 2023;105:354–62.
- 5. The Influence of Dorr Type and Femoral Fixation on Outcomes Following Total Hip Arthroplasty for Acute Femoral Neck Fractures: A Multicenter Study.**
Kheir M, Dilley J, Speybroeck J, Kuyl E, Ochenjele G, McLawhorn A, Meneghini R.
J Arthroplasty. 2023 Apr;38(4):719-725.
- 6. Intrawound Vancomycin Powder in Primary Total Hip Arthroplasty: A Prospective Quality Control Study.**
Doxey S, Urdahl T, Solaiman R, Wegner M, Cunningham B, Horst P.
J Arthroplasty. 2024 Apr 9:S0883-5403(24)00305-X.
- 7. How Much Protection Does a Collar Provide? Assessing Risk of Early Periprosthetic Femur Fractures Following Total Hip Arthroplasty in Elderly Patients.**
Rodriguez S, Puri S, Bido J, Kaidi A, Rodriguez J, Gausden E.
J Arthroplasty. 2024 Apr;39(4):997-1000.
- 8. A Radiographic Abdominal Pannus Sign is Associated With Postoperative Complications in Anterior THA.**
Saini A, Dbeis A, Bascom N, Sanderson B, Golden T.
Clin Orthop Relat Res. 2023 May 1;481(5):1014-1021.
- 9. Robotic-assisted TKA is Not Associated With Decreased Odds of Early Revision: An Analysis of the American Joint Replacement Registry.**
Kirchner G, Stambough J, Jimenez E, Nikkel L.
Clin Orthop Relat Res. 2024 Feb 1;482(2):303-310.

10. **Cementless Versus Cemented Total Knee Arthroplasty: Concise Midterm Results of a Prospective Randomized Controlled Trial.**
Hannon C, Salih R, Barrack R, Nunley R.
J Bone Joint Surg Am. 2023 Sep 20;105(18):1430-1434.
11. **Socioeconomic Indices Are Associated With Increased Resource Utilizations, but Not 90-Day Complications Following Total Hip and Knee Arthroplasty.**
Chandrashekar A, Hymel A, Baker C, Martin J R, Wilson J.
J Arthroplasty. 2025 Feb;40(2):294-300.
12. **The Role of Social Determinants of Health in the Delivery of Value-Based Care in Total Joint Arthroplasty.**
Swartz G, Katanbaf R, Ihekweazu U, Mont M, Delanois R.
J Arthroplasty. 2025 Feb;40(2):276-279.
13. **The Financial Burden of Patient Comorbidities on Total Knee Arthroplasty Procedures: A Matched Cohort Analysis of Patients Who Have a High and Non-High Comorbidity Burden.**
Katzman J, Thomas J, Ashkenazi I, Lajam C, Rozell J, Schwarzkopf R.
J Arthroplasty. 2025 Jul;40(7):1672-1678.
14. **Undergoing Meniscectomy Within One Year Before Primary Total Knee Arthroplasty Is Associated With Worse Postoperative Outcomes.**
Khan I, DeSimone C, Vaile J, Sonnier J, Sherman M, Mazur D, Freedman K, Fillingham Y.
J Arthroplasty. 2025 Apr;40(4):821-829.
15. **Pain Relief After Total Knee Arthroplasty with Intravenous and Periarticular Corticosteroid: A Randomized Controlled Trial.**
Chan PK, Chan TC, Mak C Y, Chan T H, Chan SH, Wong SS, Fu H, Cheung A, Chan VW, Cheung MH, Cheung CW, Chiu KY
J Bone Joint Surg Am. 2023 Jun 21;105(12):924-932.
16. **The John N. Insall Award: Functional Versus Mechanical Alignment in Total Knee Arthroplasty: A Randomized Controlled Trial.**
Young S, Tay ML, Kawaguchi K, van Rooyen R, Walker M, Farrington W, Bayan A.
J Arthroplasty. 2025 Jul;40(7S1):S20-S30.e2.
17. **Associations Between Prehabilitation and Postoperative Healthcare Utilization for Total Hip or Total Knee Arthroplasty in Medicare Beneficiaries.**
Sabo G, Stern B, Balachandran U, Agranoff R, Hayden B, Poeran J, Moucha C.
J Arthroplasty. 2025 Mar;40(3):578-583.e1.
18. **Effect of Preoperative Carbohydrate Loading on Postoperative Recovery of Individuals Who Have Type 2 Diabetes After Total Knee Arthroplasty: A Randomized Controlled Trial.**
Lai Y, Cai Y, Ding Z, Huang C, Luo Z, Zhou Z.
J Arthroplasty. 2025 Mar;40(3):665-671.

19. Radiographic Outcomes of Robot-Assisted Versus Conventional Total Knee Arthroplasty: A Systematic Review and Meta-Analysis of Randomized Clinical Trials.

Riantho A, Butarbutar J, Fidiario K, Elson E, Irvan I, Haryono H, Prasetyo J.
JB JS Open Access. 2023 May 15;8(2):e23.00010.

20. Primary Total Hip Arthroplasty Outcomes for Labral Tears are Comparable to Advanced Osteoarthritis.

Gorur A, El-Othmani M, Xu W, Herndon C, Cooper J, Geller J.
J Arthroplasty. 2025 Feb;40(2):431-436.

Foot and Ankle

1. **Minimum 5-Year Follow-up Results: CROSSBAT (Combined Randomised and Observational Study of Surgery vs No Surgery for Type B Ankle Fracture Treatment).**
O’Keefe R, Naylor JM, Symes MJ, Harris IA, Mittal R.
Foot & Ankle International. 2022;43(12):1517-1524.
2. **Treatment of Infected Nonunions With Bone Defects Using Autologous Bone Graft and Absorbable Antibiotic-Loaded Calcium Sulfate–Hydroxyapatite Paste.**
Howard T, Reichert I, Giddie J, Ahluwalia R.
Foot & Ankle International. 2022;43(8):1007-1021.
3. **Fibula Nail Outcomes in Soft Tissue Compromised Ankle Fractures.**
Ahmed M, Barrie A, Kozhikunnath A, Thimmegowda A, Ho S, Kunasingam K, Guryel E; MEFNO Collaborative.
Foot Ankle Int. 2022 May;43(5):595-601
4. **Plaster cast versus functional brace for non-surgical treatment of Achilles tendon rupture (UKSTAR): a multicentre randomized controlled trial and economic evaluation.**
Costa ML, Achten J, Marian IR, Dutton SJ, Lamb SE, Ollivere B, Maredza M, Petrou S, Kearney RS; UKSTAR trial collaborators.
Lancet. 2020 Feb 8;395(10222):441-448.
5. **Should Arthroscopic Bone Marrow Stimulation Be Used in the Management of Secondary Osteochondral Lesions of the Talus? A Systematic Review.**
Arshad Z, Aslam A, Iqbal AM, Bhatia M.
Clin Orthop Relat Res. 2022 Jun 1;480(6):1112-1125.
6. **Orthotic Devices for the Foot and Ankle.**
An T, Berke G, Beattie W, Chan J.
J Am Acad Orthop Surg. 2023 Dec 15.
7. **Brostrom Repair With and Without Augmentation: Comparison of Outcomes at Median Follow-up of 5 Years.**
Comfort S, Marchetti D, Duncan P, Dornan G, Haytmanek C, Clanton T.
Foot Ankle Int. 2023 Aug;44(8):691-701.
8. **Incidence and Time Course of Symptomatic Thromboembolic Outcomes After Lower Extremity Arthroscopic Surgery, Ankle Fracture Surgery, and Achilles Tendon Repair.**
Marder R, Danielsen B, White R, Meehan J.
J Am Acad Orthop Surg. 2024 Jan 16.
9. **The Modern Treatment of Charcot Foot Arthropathy.**
Pinzur M.
J Am Acad Orthop Surg. 2023 Jan 15;31(2):71-79.

- 10. Do Transtibial Amputations Outperform Amputations of the Hind- and Midfoot Following Severe Limb Trauma?**
Fram B, Bosse M, Odum S, Reider L, Gary J, Gordon W, Teague D, Alkhoury D, MacKenzie E, Seymour R, Karunakar M, The Major Extremity Trauma Research Consortium.
J Bone Joint Surg Am. 2024 May 1;106(9):776-781.
- 11. Implant Choice May Reduce the Risk of Early Mechanical Failure in Total Ankle Replacement.**
Henry J, Shaffrey I, Cororaton A, Munita J, Cody E, O'Malley M, Deland J, Ellis S, Demetracopoulos C.
J Bone Joint Surg Am. 2024 May 1;106(9):767-775.
- 12. Correction Target of Supramalleolar Osteotomy for Early Varus Ankle Arthritis: Is Overcorrection Necessary?**
Choi S, Kim J, Yi Y, Lee WC
Foot Ankle Int. 2025 Feb;46(2):135-145.
- 13. Diabetes Mellitus and Total Ankle Arthroplasty Complications.**
Helbing J, Farley B, Gu A, Zhao A, Siram G, Stein B, Chodos M.
Foot Ankle Int. 2024 Apr;45(4):320-327.
- 14. Incidence and Factors Associated With Nonunion following Naviculocuneiform Joint Arthrodesis.**
Kim J, Sadlowski M, Vier D, Reddy V, Royer C, Brodsky J, Zide J.
Foot Ankle Int. 2025 Apr;46(4):368-377.
- 15. Nonunion in Foot and Ankle Arthrodesis Surgery: Review of Risk Factors, Identification of High-risk Patients, and a Guide to Perioperative Testing and Optimization.**
Greene H, Dodd A, Le I, LaMothe J.
J Am Acad Orthop Surg. 2024 Nov 19.
- 16. Postoperative Complications After Acute Achilles Tendon Rupture Repair: A Survival Analysis of Minimally Invasive vs Open Techniques.**
Hendriks J, Sharma S, Peiffer M, de Groot T, Waryasz G, Kerkhoffs G, Ashkani-Esfahani S, DiGiovanni C, Guss D.
Foot Ankle Int. 2025 Apr 28:10711007251333777.
- 17. Analysis of Calcaneal Avulsion Fractures Treated Surgically and Nonsurgically.**
Takahashi Y, Takegami Y, Tokutake K, Asami Y, Takahashi H, Kato M, Kanemura T, Imagama S.
JB JS Open Access. 2024 Jul 10;9(3):e23.00127.
- 18. Outcomes After Proximal Medial Gastrocnemius Recession and Stretching vs Stretching as Treatment of Chronic Plantar Fasciitis at 6-Year Follow-up.**
Riiser M, Husebye E, Hellesnes J, Molund M
Foot Ankle Int. 2024 Jan;45(1):1-9.

19. Biomarkers for Early Detection of Charcot Arthropathy: A Prospective Study on Type 2 Diabetes Patients with Severe Neuropathy.

Dharmadas S, Kumar H, Pillay M, Mangalanandan T, Vivek L, Praveen V, Bal A.
Foot Ankle Int. 2024 Feb;45(2):175-178.

20. Postoperative Outcomes Between Positive and Negative Electrodiagnosis in Patients With Tarsal Tunnel Syndrome: A Retrospective Comparative Study.

Rungprai C, Suksintharanon M, Hempongphan T, Pongpinyopap W, Boonma P, Hathaiareerug C, Sripanich Y.
Foot Ankle Int. 2024 Jun;45(6):576-585.

Oncology

- 1. Cytotoxic Effects of Common Irrigation Solutions on Chondrosarcoma and Giant Cell Tumors of Bone.**
Moore C, Fernandes R, Manrique J, Polissar N, Miljacic L, Hippe D, Vaux J, Thompson M.
J Bone Joint Surg Am. 2022 Dec 21;104(24):2153-2159.
- 2. What Is the Prevalence of Clinically Important Findings Among Incidentally Found Osseous Lesions?**
Blackburn C, Richardson S, DeVita R, Dong O, Faraji N, Wurtz L, Collier C, Getty P.
Clin Orthop Relat Res. 2023 Mar 27.
- 3. Is Bone Marrow Aspiration and Biopsy of Clinical Importance in the Initial Staging of Extraskkeletal Ewing Sarcoma?**
Wahlig B, Broida S, Rose P, Robinson S, Siontis B, Houdek M.
Clin Orthop Relat Res. 2023 Apr 13.
- 4. Intraoperative Evaluation of Soft Tissue Sarcoma Surgical Margins with Indocyanine Green Fluorescence Imaging.**
Gong M, Li W, Bhogal S, Royes B, Heim T, Silvaggio M, Malek M, Dhupar R, Lee S, McGough R, Weiss K.
Cancers (Basel). 2023 Jan 18;15(3):582.
- 5. Is the Addition of Anaerobic Coverage to Perioperative Antibiotic Prophylaxis During Soft Tissue Sarcoma Resection Associated With a Reduction in the Proportion of Wound Complications?**
Ramsey D, Walker J, Wetzel R, Gundle K, Hayden J, Doung YC.
Clin Orthop Relat Res. 2022 Dec 1;480(12):2409-2417.
- 6. Incidence of and Risk Factors for Thromboembolism After Endoprosthetic Reconstruction in Musculoskeletal Oncology Patients.**
Sabharwal S, LiBrizzi C, Forsberg J, Morris C, Levin A, PARITY Investigators.
J Bone Joint Surg Am. 2023 Jul 19;105(Suppl 1):29-33.
- 7. Can a Novel Scoring System Improve on the Mirels Score in Predicting the Fracture Risk in Patients with Multiple Myeloma?**
Toci G, Bressner J, Morris C, Fayad L, Levin A.
Clin Orthop Relat Res. 2021 Mar 1;479(3):521-530.
- 8. Do Patients Treated With an Unplanned Resection for Small Superficial Soft Tissue Sarcomas Have Worse Long-term Survival Than Those Initially Treated With an Oncologic Resection?**
Gomez-Alvarez J, Lamo-Espinosa J, San-Julián M.
Clin Orthop Relat Res. 2024 Jan 26;482(6):1017-1024.

9. **The Musculoskeletal Tumor Society Clinical Practice Guideline on the Management of Metastatic Humeral Disease.**
Tedesco N, Mesko N, Wodajo F; Management of Metastatic Humeral Disease Work Group; Staff of the American Academy of Orthopaedic Surgeons and the Musculoskeletal Tumor Society; Management of Metastatic.
J Am Acad Orthop Surg. 2024 May 15;32(10):e482-e488.
10. **Surgical Margins in Musculoskeletal Sarcoma.**
Quirion J, Johnson S, Kowalski B, Halpern J, Schwartz H, G, Prieto-Granada C, Singh R, Cates J, Rubin B, Mesko N, Nystrom L, Lawrenz J,
JBJS Rev. 2024 Mar 6;12(3).
11. **Neoadjuvant Immunotherapy for Resectable Dedifferentiated Liposarcoma: A National Cohort Analysis.**
Farooq M, Shafique N, Vargas G, Guo J, Miura J, Lefler D, Karakousis G.
J Surg Oncol. 2025 Jun;131(8):1683-1691.
12. **Survivorship Considerations and Management in the Adolescent and Young Adult Sarcoma Population: A Review.**
Gunderson A, Yun M, Westlake B, Hardacre M, Manguso N, Gingrich A.
Curr Oncol. 2025 Apr 3;32(4):214.
13. **Intraoperative Peripheral Frozen Margin Assessment in Soft Tissue Sarcoma.**
Zeitlinger L, Chavez G, Wilson M, Darrow M, Canter R, Randall RL, Thorpe A.
J Surg Oncol. 2025 Mar;131(4):694-698.
14. **The Impact of Chondrosarcoma with Positive Margins and Extraosseous Extension on Patient Outcomes.**
Yu A, Poulson T, Butler Z, Demetrious M, Colman M, Gitelis S, Blank A
J Surg Oncol. 2025 Mar;131(4):703-711.
15. **Income and Insurance-Based Disparities in Primary Soft Tissue Sarcoma of the Extremities.**
Wahle C, Sakowitz S, Newman-Hung N, Bernthal N, Peyman Benharash P, Wessel L.
J Surg Oncol. 2025 Jun;131(7):1431-1438.
16. **Intraoperative Tranexamic Acid Infusion Reduces Perioperative Blood Loss in Pediatric Limb-Salvage Surgeries: A Double-Blinded Randomized Placebo-Controlled Trial.**
El Ghoneimy A, Kotb T, Rashad I, Elgalaly D, AlFarsi K, Khalil M.
J Bone Joint Surg Am. 2025 Mar 5;107(5):437-443.
17. **Is Rotationplasty Still a Reasonable Reconstruction Option for Patients With a Femoral Bone Sarcoma? A Comparative Study of Patients With a Minimum of 20 Years of Follow-up After Rotationplasty and Lower Extremity Amputation.**
Hobusch G, Hofer C, Doring K, Ellersdorfer F, Kelaridis T, Windhager R.
Clin Orthop Relat Res. 2025 Apr 17.

- 18. What Factors Are Associated With Implant Revision in the Treatment of Pathologic Subtrochanteric Femur Fractures?**
Leland C, Gonzalez M, Werenski J, Vallone A, Brighton K, Newman E, Lozano-Calderon S, Raskin K.
Clin Orthop Relat Res. 2025 Mar 1;483(3):473-484.
- 19. Postoperative Outcomes of Total Femur Replacement in Oncologic and Nononcologic Patients: A Systematic Review of the Literature.**
Gonzalez M, Inchaustegui M, Layme J, Ruiz-Arellanos K, Larios F, Pretell-Mazzini J.
J Arthroplasty. 2024 Jun;39(6):1624-1631.e2.
- 20. Periprosthetic Joint Infection Surrounding Lower-Extremity Endoprostheses After Tumor Resection: Causative Microorganisms, Effectiveness of DAIR, and Risk Factors for Treatment Failure.**
Sanders P, Scheper H, van der Wal R, van de Sande M, de Boer M, Dijkstra P, Bus M.
JB JS Open Access. 2025 Feb 21;10(1):e23.00119.

Orthopaedic Sports Medicine

- 1. Two-Year Functional Outcomes of Operative vs Nonoperative Treatment of Completely Displaced Midshaft Clavicle Fractures in Adolescents: Results From the Prospective Multicenter FACTS Study Group.**
Heyworth B, Pennock A, Li Y, Liotta E, Dragonetti B, Williams D, Ellis H, Nepple J, Spence D, Willimon C, Perkins C, Pandya N, Kocher M, Edmonds E, Wilson P, Busch M, Sabatini C, Farley F, Bae D.
Am J Sports Med. 2022 Sep;50(11):3045-3055.
- 2. A Modified Lemaire Lateral Extra-articular Tenodesis in High-Risk Adolescents Undergoing Anterior Cruciate Ligament Reconstruction With Quadriceps Tendon Autograft: 2-Year Clinical Outcomes.**
Green D, Hidalgo Perea S, Brusalis C, Chipman E, Asaro L, Cordasco F.
Am J Sports Med. 2023 Mar 14:3635465231160681.
- 3. Arthroscopic Bankart Repair for Adolescent Anterior Shoulder Instability: Clinical and Imaging Predictors of Revision Surgery and Recurrent Subjective Instability.**
Egger A, Willimon C, Busch M, Broida S, Perkins C.
Am J Sports Med. 2023 Mar;51(4):877-884.
- 4. Meniscal Ramp Lesions in Adolescent Patients Undergoing Primary Anterior Cruciate Ligament Reconstruction: Significance of Imaging and Arthroscopic Findings.**
Hollnagel K, Pennock A, Bomar J, Chambers H, Edmonds E.
Am J Sports Med. 2023 May;51(6):1506-1512.
- 5. Minimum 10-Year Clinical and Radiological Outcomes of a Randomized Controlled Trial Evaluating 2 Different Approaches to Full Weightbearing After Matrix-Induced Autologous Chondrocyte Implantation.**
Ebert J, Fallon M, Ackland T, Janes G, Wood D.
Am J Sports Med. 2020 Jan;48(1):133-142.
- 6. Root Repair Has Superior Radiological and Clinical Outcomes Than Partial Meniscectomy and Nonoperative Treatment in the Management of Meniscus Root Tears: A Systematic Review.**
Lee D, Lu Y, Reinholz A, Till S, Lamba A, Saris D, Camp C, Krych A.
Arthroscopy. 2024 Feb 22:S0749-8063(24)00152-X.
- 7. Lower Range of Recurrent Instability Rates Following Bankart Repair and Remplissage Compared to Isolated Bankart Repair in Patients with "Non-Engaging/On-Track" Hill-Sachs Lesions and <20% Glenoid Bone Loss.**
Villarreal-Espinosa J, Berreta R, Cotter E, Garcia J, Ayala S, Khan Z, Chahla J, Verma N.
Arthroscopy. 2024 May 10:S0749-8063(24)00342-6.
- 8. New Considerations in ACL Surgery: When Is Anatomic Reconstruction Not Enough?**
Baker H, Bowen E, Sheean A, Bedi A.
J Bone Joint Surg Am. 2023 Jul 5;105(13):1026-1035

9. **Treatment of Severely Shortened or Comminuted Clavicular Fractures in Older Adolescent Athletes.**
 Spence D, Wilson P, Pennock A, Nepple J, Pandya N, Perkins C, Li Y, Ellis H, Sabatini C, Edmonds E, FACTS Study Group, Heyworth B.
 Am J Sports Med. 2024 Feb;52(2):423-430.
10. **Impact of Lateral Extra-Articular Procedure Augmentation on Rerupture Risk and Tegner Activity Scale Outcomes in Adolescent Anterior Cruciate Ligament A Matched Comparative Study With a Minimum 2-Year Follow-up.**
 Moussa M, Lefèvre N, Valentin E, Coughlan A, Zgolli A, Gerometta A, Meyer A, Hardy A.
 Am J Sports Med. 2024 Mar;52(4):892-901.
11. **Bone Marrow Stimulation for Arthroscopic Rotator Cuff Repair: A Meta-analysis of Randomized Controlled Trials.**
 Hurley E, Crook B, Danilkowicz R, Jazrawi L, Mirzayan R, Dickens J, Anakwenze O, Klifto C.
 Am J Sports Med. 2024 Oct;52(12):3167-3172.
12. **Relationship Between Neighborhood-Level Socioeconomic Status and Functional Outcomes After Hip Arthroscopy.**
 Lee J, Rachala R, Gillinov S, Siddiq B, Dowley K, Cherian N, Martin S.
 Am J Sports Med. 2024 Oct;52(12):3054-3064.
13. **A Prospective, Randomized Trial of the Modified Jobe Versus Docking Techniques With Gracilis Autograft for Ulnar Collateral Ligament Reconstruction in the Elbow.**
 Ciccotti M, Looney A, Johnson E, Hadley C, Zoga A, Nazarian L, Ciccotti M.
 Am J Sports Med. 2025 Feb;53(2):447-462.
14. **Female and Male Patients Achieve Similar Improvement, Outcomes, and Survivorship After Hip Arthroscopy With Labral and Capsular Repair for Femoroacetabular Impingement Syndrome at Minimum 10-Year Follow-Up.**
 Larson J, Kazi O, Beals C, Alvero A, Kaplan D, Fenn T, Brusalis C, Allahabadi S, Morgan V, Nho S.
 Arthroscopy. 2025 May;41(5):1348-1357.
15. **5-Year Radiographic and Functional Outcomes of Nonoperative Treatment of Completely Displaced Midshaft Clavicular Fractures in Teenagers.**
 Polinsky S, Edmonds E, Bastrom T, Manhard C, Heyworth B, FACTS Study Group.
 Am J Sports Med. 2024 Mar;52(4):1032-1039.
16. **Secondary Meniscectomy Rates and Risk Factors for Failed Repair of Ramp Lesions Performed at the Time of Primary ACL Reconstruction: An Analysis of 1037 Patients From the SANTI Study Group.**
 Pioger C, Ayata M, Pettinari F, Abed Ali A, Alayane A, Campos J, Vieira T, Saithna A, Sonnery-Cottet B.
 Am J Sports Med. 2024 Jul;52(8):1944-1951.

17. The Number of Patellar Dislocation Events Is Associated With Increased Chondral Damage of the Trochlea.

Bram J, Lijesen E, Green D, Heyworth B, Veerkamp M, Chipman D, Propp B, Brady J; JUPITER Study Group; Parikh S, Shubin Stein B.

Am J Sports Med. 2024 Aug;52(10):2541-2546.

18. Bony Remodeling of Adolescent Displaced Clavicle Fractures: A FACTS Study.

Pennock A, Bastrom T, Boutelle K, Carroll A, Edmonds E, Nepple J, Polinsky S, Spence D, Perkins C, Willimon S.

Am J Sports Med. 2023 Mar;51(4):871-876.

19. The Association Between the Development of Cam Morphology During Skeletal Growth in High-Impact Athletes and the Presence of Cartilage Loss and Labral Damage in Adulthood: A Prospective Cohort Study With a 12-Year Follow-up.

Claes P, Hanff D, Weir A, Riedstra N, Weinans H, Eygendaal D, Heerey J, Oei E, van Klij P, Agricola R.

Am J Sports Med. 2024 Aug;52(10):2555-2564.

20. Meniscectomy is associated with a higher rate of osteoarthritis compared to meniscal repair following acute tears: a meta-analysis.

Migliorini F, Schafer L, Bell A, Weber C, Vecchio G, Maffulli N.

Knee Surg Sports Traumatol Arthrosc. 2023 Dec;31(12):5485-5495.

Orthopaedic Trauma

- 1. Management of periprosthetic fractures of the humerus: a systematic review.**
Mourkus H, Phillips N, Rangan A, Peach C.
Bone Joint J. 2022 Apr;104-B(4):416-423.
- 2. Functional Outcome After Nonoperative Management of Tibial Plateau Fractures in Skeletally Mature Patients: What Sizes of Gaps and Stepoffs Can be Accepted?**
Vaartjes T, Assink N, Nijveldt R, van Helden S, Bosma E, El Moumni M, Duis K, Hogervorst M, Doornberg J, de Vries J, Hoekstra H, Ijpma F.
Clin Orthop Relat Res. 2022 Dec 1;480(12):2288-2295.
- 3. Cemented or Uncemented Hemiarthroplasty for Intracapsular Hip Fracture.**
Fernandez M, Achten J, Parsons N, Griffin X, Png ME, Gould J, McGibbon A, Costa M, WHITE 5 Investigators.
N Engl J Med. 2022 Feb 10;386(6):521-530.
- 4. Aspirin or Low-Molecular-Weight Heparin for Thromboprophylaxis after a Fracture.**
Major Extremity Trauma Research Consortium (METRC); O'Toole R, Stein D, O'Hara N, Frey K, Taylor T, Scharfstein D, Carlini A, Sudini K, Degani Y, Slobogean G, Haut E, Obremskey W, Firoozabadi R, Bosse M, Goldhaber S, Marvel D, Castillo R.
NEJM, Jan 2023
- 5. Early Ambulation After Hip Fracture Surgery Is Associated With Decreased 30-Day Mortality.**
Heiden J, Goodin S, Mormino M, Siebler J, Putnam S, Lyden E, Tao M.
J Am Acad Orthop Surg. 2021 Mar 1;29(5):e238-e242.
- 6. Superior Outcomes With Reverse Shoulder Arthroplasty versus Nonoperative Management for Proximal Humerus Fractures: A Matched Cohort Analysis.**
Haws B, Samborski S, Karnyski S, Soles G, Gorczyca J, Nicandri G, Voloshin I, Ketz J.
J Orthop Trauma. 2023 Jun 1;37(6):e247-e252.
- 7. Effect of Local Antibiotic Prophylaxis on Postoperative Deep Infection in Fracture Surgery: A Systematic Review and Meta-Analysis.**
Kruse C, Axelrod D, Al-Mohrej O, Daniel R, Johal H.
J Orthop Trauma. 2023 Jan 1;37(1):e28-e35.
- 8. Evaluation of the Posterior Tilt Angle in Predicting Failure of Nondisplaced Femoral Neck Fractures After Internal Fixation: A Systematic Review.**
Papadelis E, Chaudhry Y, Hayes H, Talone C, Shah M.
J Orthop Trauma. 2023 Feb 1;37(2):e89-e94.
- 9. Functional and Clinical Outcomes After Plate Osteosynthesis Versus Intramedullary Nailing of a Humeral Shaft Fracture: The Results of the HUMMER Multicenter, Prospective Cohort Study.**
Hartog D, Mahabier K, Van Bergen S, Verhofstad M, Van Lieshout E; on behalf of the HUMMER Investigators.
J Bone Joint Surg Am. 2023 Jul 19;105(14):1101-1111.

- 10. Diagnosis Accuracy for Compartment Syndrome: A Systematic Review and Meta-Analysis.**
Lorange JP, Laverdiere C, Corban J, Montreuil J, Harvey E.
J Orthop Trauma. 2023 Aug 1;37(8):e319-e325.
- 11. Accuracy of the Lesser Trochanter Profile as a Marker of Femoral Rotation: Computed Tomography-Based Study of 1,722 Femora.**
Jang E, Davignon R, Geller J, Cooper HJ, Shah R.
J Bone Joint Surg Am. 2024 May 15;106(10):912-918.
- 12. Atypical Versus Typical Subtrochanteric Femoral Fractures: Disparate Patient Profiles, Similar Outcomes.**
Gibbons K, Merrell L, Ganta A, Rivero S, Konda S, Egol K.
J Bone Joint Surg Am. 2024 Feb 7;106(3):190-197.
- 13. Deep Surgical Site Infection after Fracture Has a Profound Effect on Functional Outcomes.**
Gitajn I, Werth P, Carlini A, Bosse M, Gary J, Firoozabadi R, Obremskey W, McKinley T, Castillo R, O'Toole R.
JB JS Open Access. 2024 Jan 9;9(1):e23.00042.
- 14. Optimal Fixation Strategies for Displaced Femoral Neck Fractures in Patients 18-59 Years of Age: An Analysis of 565 Cases Treated at 26 Level 1 Trauma Centers.**
Roser T, Collinge C, Giga K, Lebus G, Beltran M, Crist B, Sems S, Gardner M, Sagi HC, Archdeacon M.
J Orthop Trauma. 2024 Aug 1;38(8):403-409.
- 15. The VANCO Trial Findings Are Generalizable to a North American Trauma Registry.**
Patterson J, Slobogean G, Gary J, Castillo R, Firoozabadi R, Carlini A, Joshi M, Allen L, Huang Y.
J Orthop Trauma. 2024 Jan 1;38(1):10-17.
- 16. Use of Direct Oral Anticoagulants Among Patients With Hip Fracture Is Not an Indication to Delay Surgical Intervention.**
Brameier D, Tischler E, Ottesen T, McTague M, Appleton P, Harris M, Weaver M, Suneja N.
J Orthop Trauma. 2024 Mar 1;38(3):148-154.
- 17. Intravenous Versus Locally Injected Tranexamic Acid in a Fragility Hip Fracture Population: A Retrospective Review.**
Davis S, Solomito M, Kumar M.
J Orthop Trauma. 2024 Mar 1;38(3):e79-e84.
- 18. The Utilization of Preoperative Steroids Safely Decreases the Risk of Postoperative Delirium in Geriatric Patients After Hip Fracture Surgery: A Systematic Review and Meta-analysis of Randomized Controlled Trials.**
Baumann A, Talaski G, Uhler M, Anastasio A, Walley K, Pean C, Tampi R, Farivar M.
J Orthop Trauma. 2024 May 1;38(5):e182-e190.

19. Multicenter, Prospective, Observational Study of Nonoperative Versus Operative Treatment for High-Energy Midshaft Clavicle Fractures.

Jeray K, Broderick JS, Mullis B, Everhart J, Tanner S, Snider B; Southeastern Fracture Consortium. J Orthop Trauma. 2024 Jul 1;38(7):345-350.

20. What Is the Patient-reported Outcome and Complication Incidence After Operative Versus Nonoperative Treatment of Minimally Displaced Tibial Plateau Fractures?

Assink N, Vaartjes T, Kramer C, Bosma E, Nijveldt R, Brinke J, de Groot R, Hoekstra H, IJpma F. Clin Orthop Relat Res. 2024 Oct 1;482(10):1744-1752.

Pediatric Orthopaedics

1. **Clavicular Fractures in the Adolescent.**
Patel M, Heyworth B, Dehghan N, Mehlman C, McKee M.
J Bone Joint Surg Am. 2023 May 3;105(9):713-723.
2. **Opioid Represcriptions After ACL Reconstruction in Adolescents Are Associated With Subsequent Opioid Use Disorder.**
Cahan, E; Halvorsen, K; Pham, N; Kaur, J; Bryson, X; Chan, C; Vorhies, J.
Journal of Pediatric Orthopaedics 43(4):p e273-e277, April 2023.
3. **Post-Maturity Progression in Adolescent Idiopathic Scoliosis Curves of 40° to 50°.**
Yu SH, Ng CM, Cheung JPY, Shea GKH.
J Bone Joint Surg Am. 2023;105:277-85.
4. **Hip Displacement After Triradiate Cartilage Closure in Nonambulatory Cerebral Palsy. Who Needs Continued Radiographic Surveillance?**
Asma, A, Ulusaloglu, A, Shrader MW, Miller F, Rogers K, Howard, J.
The Journal of Bone and Joint Surgery January 4, 2023; 105 (1): 27
5. **Evaluation and Management of Adolescents With a Stiff Flatfoot.**
Ford S, Zide J, Riccio A.
Journal of the American Academy of Orthopaedic Surgeons. 30(16):757-766, August 15, 2022.
6. **Opioid Analgesia Compared with Non-Opioid Analgesia After Operative Treatment for Pediatric Supracondylar Humeral Fractures: Results from a Prospective Multicenter Trial.**
Belardo Z, Talwar D, Blumberg T, Nelson S, Upasani V, Sankar W, Shah A.
J Bone Joint Surg Am. 2023 Dec 6;105(23):1875-1885.
7. **Effect of Antibiotic Prophylaxis on Infection Rates in Pediatric Supracondylar Humerus Fractures Treated with Closed Reduction and Percutaneous Pinning: A Prospective Double-Blinded Randomized Controlled Trial.**
Gupta S, Esposito E, Phillips R, Schwab PE, Leary E, Hoernschemeyer D.
J Am Acad Orthop Surg. 2024 May 1;32(9):410-416.
8. **Consensus-Based Guidelines for Management of First-Time Patellar Dislocation in Adolescents.**
Parikh S, Schlechter J, Veerkamp M, Stacey J, Gupta R, Pendleton A, Shea K, Friel N, Molony Jr J, Yaniv M, Rhodes J, Finlayson C, Williams B, Ellington M, PRISM PF RIG.
J Pediatr Orthop. 2024 Apr 1;44(4):e369-e374
9. **K-wire Versus Screw Fixation in Displaced Lateral Condyle Fractures of the Humerus in Children: A Multicenter Study of 762 Fractures.**
Cummings J, Schwabe M, Rivera A, Sanders J, Denning J, Neal K, Bellaire L, Choe J, Gaio N, Goldstein R, Crowe M, Hosseinzadeh P.
J Pediatr Orthop. 2023 Apr 1;43(4):e284-e289.

- 10. A Rapid MRI Protocol for the Evaluation of Acute Pediatric Musculoskeletal Infections: Eliminating Contrast and Decreasing Anesthesia, Scan Time, and Hospital Length of Stay and Charges.**
Chan K, McBride D, Wild J, Kwon S, Samet J, Gibly R.
J Bone Joint Surg Am. 2024 Apr 17;106(8):700-707.
- 11. Complications of Hardware Removal in Pediatric Orthopaedic Surgery.**
Desai V, Mahon S, Pang A, Hauth L, Shah A, Anari J.
J Pediatr Orthop. 2024 Nov-Dec;44(10):e957-e964.
- 12. Refractures in Children.**
Pakarinen O, Ahonen M, Grahn P, Helenius I, Laaksonen T.
J Bone Joint Surg Am. 2025 May 7;107(9):e40.
- 13. The Impact of Adolescent Idiopathic Scoliosis on Pregnancy.**
Serhan K, Abraham V, Shirley E.
J Bone Joint Surg Am. 2025 Apr 2;107(7):771-777.
- 14. Is Next-day Discharge Safe After Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis?**
Kirk A, Barre A, Prusick V, Conley C, Muchow R.
J Pediatr Orthop. 2025 Jan 1;45(1):e37-e42.
- 15. Impact of Spinal Deformity and Surgery on Health-Related Quality of Life in Cerebral Palsy: A Multicenter Prospective Controlled Trial.**
Cahill P, Narayanan U, Bowen M, Sarkar S, Pahys J, Miyanji F, Yaszay B, Shah S, Sponseller P; Harms Study Group.
J Pediatr Orthop. 2024 Nov-Dec;44(10):e901-e907.
- 16. Bone Scintigraphy Prediction of Postoperative Femoral Head Avascular Necrosis in Children With Hip Trauma and Slipped Capital Femoral Epiphysis.**
Grewal R, Hollnagel K, Curran P, Bomar J, Upasani V.
J Pediatr Orthop. 2025 May-Jun;45(5):e418-e421.
- 17. Adolescents with Osteochondritis Dissecans of the Femoral Condyle Present with High Rates of Corresponding Coronal Malalignment.**
Clark V C, Johnson B, Wyatt C, Potter B, Wilson P, Ellis H.
J Bone Joint Surg Am. 2025 Jun 4;107(11):1188-1199.
- 18. Nerve Recovery in Pediatric Supracondylar Humeral Fractures: Assessing the Impact of Time to Surgery.**
Syed A, Isaacs D, Ashebo L, Talwar D, Anari J, Lawrence J T.
J Bone Joint Surg Am. 2025 Apr 2;107(7):687-693.
- 19. Does brace treatment following closed reduction of developmental dysplasia of the hip improve acetabular coverage?**
Morris W, Kak A, Mayfield L, Kang M, Jo CH, Kim H.
Bone Joint J. 2023 Dec 1;105-B(12):1327-1332.

20. The Association Between Delaying Anterior Cruciate Ligament Reconstruction in Adolescents and Increasing Meniscal and Chondral Pathology: A Cohort Study of 2740 Adolescents.

Hickie K, Salmon L, Gooden B, Lyons M, Sundaraj K, Carmody D, Huang P, Pinczewski L, Roe J. Am J Sports Med. 2025 Feb;53(2):291-298.

Shoulder and Elbow

- 1. The role of telehealth as a platform for postoperative visits following rotator cuff repair: a prospective, randomized controlled trial.**
Kane L, Thakar O, Jamgochian G, Lazarus M, Abboud J, Namdari S, Horneff J.
J Shoulder Elbow Surg. 2020 Apr;29(4):775-783.
- 2. Long-Term Results and Failure Analysis of the Open Latarjet Procedure and Arthroscopic Bankart Repair in Adolescents.**
Waltenspul M, Ernstbrunner L, Ackermann J, Thiel K, Galvin J, Wieser K.
J Bone Joint Surg Am. 2022 Jun 15;104(12):1046-1054.
- 3. What Is the Risk of Postoperative Neurologic Symptoms After Regional Anesthesia in Upper Extremity Surgery? A Systematic Review and Meta-analysis of Randomized Trials.**
Albaum J, Abdallah F, Muneeb Ahmed M, Siddiqui U, Brull R.
Clin Orthop Relat Res. 2022 Dec 1;480(12):2374-2389.
- 4. Short- and long-term outcomes in Bankart repair vs. conservative treatment for first-time anterior shoulder dislocation: a systematic review and meta-analysis of randomized controlled trials.**
Alkhatib N, Abdullah A, AlNouri M, Alzobi O, Alkaramany E, Ishibashi Y.
J Shoulder Elbow Surg. 2022 Aug;31(8):1751-1762.
- 5. A prospective randomized controlled trial comparing plating augmented with coracoclavicular fixation and hook plate fixation of displaced distal-third clavicle fractures.**
Orlandi T, Rogers N, Burger M, King P, Lamberts R.
J Shoulder Elbow Surg. 2022 May;31(5):906-913.
- 6. Reverse shoulder arthroplasty for primary glenohumeral osteoarthritis: significantly different characteristics and outcomes in shoulders with intact vs. torn rotator cuff.**
Nové-Josserand L, Nerot C, Colotte P, Guery J, ReSurg, Godenèche A.
J Shoulder Elbow Surg. 2024 Apr;33(4):850-862.
- 7. Incidence, risk factors, and complications of acromial stress fractures after reverse total shoulder arthroplasty.**
Su F, Kucirek N, Goldberg D, Feeley B, Ma C, Lansdown D.
J Shoulder Elbow Surg. 2024 Jan;33(1):65-72.
- 8. Predictors of dislocations after reverse shoulder arthroplasty: a study by the ASES complications of RSA multicenter research group.**
Lohre R, Swanson D, Mahendraraj K, Elmallah R, Glass E, Dunn W, Cannon D, Friedman L, Gaudette J, Green J, Grobaty L, Gutman M, Kakalecik J, Kloby M, Konrade E, Knack M.
J Shoulder Elbow Surg. 2024 Jan;33(1):73-81.
- 9. Risk factors for nonunion in patients with transcondylar fracture of the distal humerus after open reduction and internal fixation.**
Ku K, Baek J, Lee Y, Kim M
J Shoulder Elbow Surg. 2024 Jan;33(1):139-144.

- 10. Comparison of triamcinolone and methylprednisolone efficacy and steroid flare reaction rates after shoulder corticosteroid injection: a prospective interrupted time series study.**
Eason R, Joyce M, Throckmorton T, Azar F, Bernholt D, Naser A, Brolin T.
J Shoulder Elbow Surg. 2023 Nov;32(11):2214-2221.
- 11. Glutamine Promotes Rotator Cuff Healing by Ameliorating Age-Related Osteoporosis.**
Wang H, Cai Z, Ying M, Song W, Liu X, Wei H, Wang C.
J Bone Joint Surg Am. 2025 May 7;107(9):948-957.
- 12. Two-Year Follow-up of a Group-Sequential, Multicenter Randomized Controlled Trial of a Subacromial Balloon Spacer for Irreparable Rotator Cuff Tears of the Shoulder (START:REACTS)**
Haque A, Parsons H, Parsons N, Mason J, Khan I, Stallard N, Underwood M, Hutchinson C, Lawrence T, Drew S, Kearney R, Metcalfe A.
Am J Sports Med. 2025 May;53(6):1291-1298.
- 13. Does the subscapularis repair affect the clinical outcome after primary reverse shoulder arthroplasty?**
Ameziane Y, Holschen M, Engel N, Schorn D, Witt KA, Steinbeck J.
J Shoulder Elbow Surg. 2024 Sep;33(9):1909-1917.
- 14. Tranexamic acid use in total shoulder arthroplasty continues to increase and is safe in high-risk patients.**
Mayfield C, Liu K, Richardson M, Freshman R, Kotlier J, Fathi A, Lin E, Weber A, Gamradt S, Liu J, Petrigliano F.
J Shoulder Elbow Surg. 2025 May;34(5):1138-1151.
- 15. Does use of glucagon-like peptide-1 agonists increase perioperative complications in patients undergoing shoulder arthroplasty?**
Elsabbagh Z, Haft M, Murali S, Best M, McFarland E, Srikumaran U.
J Shoulder Elbow Surg. 2025 Apr;34(4):997-1006.
- 16. Preservation Versus Release of Normal Long Head of Biceps Tendon in Repair of Isolated Stage-1 Supraspinatus Tears: Preservation Leads to Slightly Lower Constant-Murley Scores and More Reoperations.**
Berhouet J, Jacquot A, Gadea F, Guery J, Joudet T, Bonneville N, Ohl X, Neyton L, Gasse N, Barth J, Antoni M, Dordain F, David Gallinet D, Christophe Charousset C, The Francophone Arthroscopy Society (SFA).
J Bone Joint Surg Am. 2025 May 7;107(9):e41.
- 17. Shoulder Periprosthetic Joint Infection: Principles of Prevention, Diagnosis, and Treatment.**
Nazzal E, Herman Z, Como M, Kaar J, Reddy R, Wagner E, Klatt B, Lin A.
J Bone Joint Surg Am. 2024 Dec 4;106(23):2265-2275.
- 18. Shoulder Arthroplasty: Current Evidence and Techniques on Infection Diagnosis and Treatment.**
Berger G, Garrigues G, Chalmers P, Singh A.
J Am Acad Orthop Surg. 2025 May 6.

19. Arthroscopic Bankart Repair With Remplissage in Anterior Shoulder Instability Results in Fewer Redislocations Than Bankart Repair Alone at Medium-term Follow-up of a Randomized Controlled Trial.

Woodmass J, McRae S, Lapner P, Kamikowski I, Jong B, Old J, Marsh J, Dubberley J, Stranges G, Sasyniuk T, MacDonald P.

Am J Sports Med. 2024 Jul;52(8):2055-2062.

20. Conserve or reverse? Outcomes of conservative treatment vs. reverse shoulder arthroplasty in displaced 3- and 4-part proximal humeral fractures in patients over 60 years.

Matheron G, Stringfellow T, Lebe M, Doms P.

J Shoulder Elbow Surg. 2024 Dec 24:S1058-2746(24)00940-6.

Spine

- 1. Systematic Review and Meta-Analysis of 3 Treatment Arms for Vertebral Compression Fractures: A Comparison of Improvement in Pain, Adjacent-Level Fractures, and Quality of Life Between Vertebroplasty, Kyphoplasty, and Nonoperative Management.**
Halvachizadeh S, Stalder A, Bellut D, Hoppe S, Rossbach P, Cianfoni A, Schnake K, Mica L, Pfeifer R, Sprengel K, Pape H.
JBJS Rev. 2021 Oct 25;9(10).
- 2. Lengthening Behavior of Magnetically Controlled Growing Rods in Early-Onset Scoliosis: A Multicenter Study.**
Heyer J, Anari J, Baldwin K, Mitchell S, Luhmann S, Sturm P, Flynn J, Cahill P; Pediatric Spine Study Group.
J Bone Joint Surg Am. 2022 Dec 21;104(24):2186-2194.
- 3. Spine Surgeon Assessments of Patient Psychological Distress are Inaccurate and Bias Treatment Recommendations.**
Moon A, Menendez M, Moverman M, Proal J, Kim D, Ohaegbulam C, Kwon, B.
Spine (Phila Pa 1976). 2023 Jul 1;48(13):908-913.
- 4. A Natural History of Patients Treated Operatively and Nonoperatively for Spinal Metastases Over 2 Years Following Treatment: Survival and Functional Outcomes.**
Xiong G, Fisher M, Schwab J, Simpson A, Nguyen L, Tobert D, Balboni T, Shin J, Ferrone M, Schoenfeld A.
Spine (Phila Pa 1976). 2022 Apr 1;47(7):515-522.
- 5. Long-term results of the NECK trial-implanting a disc prosthesis after cervical anterior discectomy cannot prevent adjacent segment disease: five-year clinical follow-up of a double-blinded randomised controlled trial.**
Goedmakers C, de Vries F, Bosscher L, Peul W, Arts M, Vleggeert-Lankamp C.
Spine J. 2023 Mar;23(3):350-360.
- 6. 20-year Clinical Outcomes of Cervical Disk Arthroplasty: A Prospective, Randomized, Controlled Trial.**
Sasso W, Ye J, Foley D, Vinayek S, Sasso R.
Spine (Phila Pa 1976). 2024 Jan 1;49(1):1-6.
- 7. Projected Lifetime Cancer Risk Associated With Intraoperative Computed Tomography for Lumbar Spine Surgery.**
Crawford A, Striano B, Giberson-Chen C, Xiong G, Lightsey H, Schoenfeld A, Simpson A.
Spine (Phila Pa 1976). 2023 Jul 1;48(13):893-900.
- 8. Impact of Teriparatide on Complications and Patient-Reported Outcomes of Patients Undergoing Long Spinal Fusion According to Bone Density.**
Mohanty S, Sardar Z, Hassan F, Lombardi J, Lehman R, Lenke L.
J Bone Joint Surg Am. 2024 Feb 7;106(3):206-217.

9. **Postoperative Spinal Hematoma and Seroma.**
Butler A, Mohile N, Phillips F.
J Am Acad Orthop Surg. 2023 Sep 1;31(17):908-913.
10. **Lumbar Facet Arthroplasty Versus Fusion for Grade-I Degenerative Spondylolisthesis with Stenosis: A Prospective Randomized Controlled Trial.**
Nassr A, Coric D, Pinter Z, Sebastian A, Freedman B, Whiting D, Chahla A, Pirris S, Phan N, Meyer S, Tahernia A, Sandhu F, Deutsch H, Potts E, Cheng J, Chi J, Groff M, Anekstein Y, Steinmetz M, Welch W.
J Bone Joint Surg Am. 2024 Jun 19;106(12):1041-1053.
11. **Revision lumbar fusions have higher rates of reoperation and result in worse clinical outcomes compared to primary lumbar fusions.**
Lambrechts M, Toci G, Siegel N, Karamian B, Canseco J, Hilibrand A, Schroeder G, Vaccaro A, Kepler C.
Spine J. 2023 Jan;23(1):105-115.
12. **Long-term Clinical Outcomes of Cervical Disc Arthroplasty: A Prospective, Randomized, Controlled Trial.**
Sasso W, Smucker J, Sasso M, Sasso R
Spine (Phila Pa 1976). 2017 Feb 15;42(4):209-216.
13. **Operative versus nonoperative treatment for adult symptomatic lumbar scoliosis at 5-year follow-up: durability of outcomes and impact of treatment-related serious adverse events.**
Smith J, Kelly M, Yanik E, Baldus C, Buell T, Lurie J, Edwards C, Glassman S, Lenke L.
J Neurosurg Spine. 2021 Apr 30;35(1):67-79.
14. **Intelligence-Based Spine Care Model: A New Era of Research and Clinical Decision-Making.**
Mallow GM, Siyaji Z, Galbusera F, Espinoza-Orías A, Giers M, Lundberg H, Ames C, Karppinen J, Louie P, Phillips F, Pourzal R, Schwab J, Sciubba D, Wang J.
Global Spine J. 2021 Mar;11(2):135-145.
15. **Randomized Trial of Augmented Pelvic Fixation in Patients Undergoing Thoracolumbar Fusion for Adult Spine Deformity: Initial Results from a Multicenter Randomized Trial.**
Polly D, Mundis G, Eastlack R, Leveque JC, Elder B, Martin C, Kent R, Snowden R, Kim H, Sembrano J.
World Neurosurg. 2024 Jul;187:e15-e27.
16. **Intraoperative Hypotension Is an Important Modifiable Risk Factor for Major Complications in Spinal Fusion Surgery.**
Glassman S, Carreon L, Djurasovic M, Chappell D, Saasouh W, Daniels C, Mahoney C, Brown M, Gum J.
Spine (Phila Pa 1976). 2025 Jan 15;50(2):75-80.

- 17. Preoperative Physical Therapy is Associated With Decreased Length of Stay and Improved Postoperative Mobility in Patients With Sarcopenia Undergoing Adult Spinal Deformity Surgery.**
Hirase T, Lovecchio F, Allen M, Achebe C, Mazzucco M, Uzzo R , Kazarian G, Asada T.
Spine (Phila Pa 1976). 2025 Feb 1;50(3):172-178.
- 18. Biportal endoscopic versus microscopic discectomy for lumbar herniated disc: a randomized controlled trial.**
Park SM, Lee HJ, Park HJ, Choi JY, Kwon O, Lee S, Kim HJ, Yeom J.
Spine J. 2023 Jan;23(1):18-26.
- 19. Causal associations between modifiable risk factors and intervertebral disc degeneration.**
Guo W, Li BL, Zhao JY, Li XM, Wang LF.
Spine J. 2024 Feb;24(2):195-209.
- 20. Does the Stopping Opioids After Surgery Score Perform Well Among Racial and Socioeconomic Subgroups?**
Crawford A, Striano B, Gong J, Simpson A, Schoenfeld A.
Clin Orthop Relat Res. 2023 Dec 1;481(12):2343-2351.

Surgery of the Hand

- 1. Dermal Regenerative Templates in Orthopaedic Surgery.**
Pidgeon T, Hollins A, Mithani S, Klifto C.
J Am Acad Orthop Surg. 2023 Apr 1;31(7):326-333.
- 2. Is Hand Surgery in the Procedure Room Setting Associated With Increased Surgical Site Infection? A Cohort Study of 2,717 Patients in the Veterans Affairs Population.**
Zhuang T, Fox P, Curtin C, Shah K
J Hand Surg Am. 2023 Jun;48(6):559-565.
- 3. Qualitative and Quantitative Anatomy of the Deep Radioulnar Ligaments' Insertion on Ulna: Cadaveric, Histologic, and MRI Study.**
Zhao X, Sun J, Duan F, Xin F, Shi L, Yu T.
J Hand Surg Am. 2022 Aug 2;S0363-5023(22)00329-X.
- 4. Nonoperative Versus Operative Treatment for Displaced Finger Metacarpal Shaft Fractures: A Prospective, Noninferiority, Randomized Controlled Trial.**
Peyronson F, Ostwald C, Hailer N, Giddins G, Vedung T, Murder D.
J Bone Joint Surg Am. 2023 Jan 18;105(2):98-106.
- 5. Five-Year Results of a Randomized, Controlled Trial of Collagenase Treatment Compared With Needle Fasciotomy for Dupuytren Contracture.**
Bystrom M, Sorensen A, Samuelsson K, Friden J, Stromberg J.
J Hand Surg Am. 2022 Mar;47(3):211-217.
- 6. Base of the Third Metacarpal as a Palpable and Reliable Landmark for Identifying the Median Nerve's Thenar Branch.**
Bertelli J, Buitrago E, Shah H.
J Hand Surg Am . 2023 Nov;48(11):1174.e1-1174.e6.
- 7. Complications Following Volar Locking Plate Fixation of Distal Radius Fractures in Adults: A Systematic Review of Randomized Control Trials.**
Nwosu C, Rodriguez K, Zeng S, Klifto K, Klifto C, Ruch D.
J Hand Surg Am. 2023 Sep;48(9):861-874.
- 8. Outcome of Surgical Repair and Rehabilitation of Flexor Tendon Injuries in Zone II of the Hand: Systematic Review and Meta-Analysis.**
Xu H, Huang X, Guo Z, Zhou H, Jin H, Huang X.
- 9. Small Joint Denervation of the Hand and Thumb Base: History, Anatomy, Technique, and Outcomes.**
Lifchez S, Shores J, Tuffaha S.
J Hand Surg Am. 2024 Jun;49(6):592-601.

- 10. Intramedullary Screw Fixation of Proximal Phalangeal Fractures: Short- to Medium-term Outcomes.**
Abbot H, George A, McCarron L, Graham D, Sivakumar B.
Hand (N Y). 2024 Mar 15;15589447241235339.
- 11. Reliability and Validity of the Ten Test for the Assessment of Digit Sensation.**
Ozdag Y, Koshinski J, Akoon A, Garcia V, Dwyer C, Klena J, Grandizio L.
J Hand Surg Am. 2025 Apr;50(4):442-450.
- 12. Outcomes of Median Nerve Release in Complex Regional Pain Syndrome Type 1 of the Hand: A Prospective Case Series.**
Del Pinal, F
J Hand Surg Am. 2025 Feb;50(2):130-137.
- 13. Reliability of Wrist Arthroscopy in the Diagnosis and Treatment of Triangular Fibrocartilage Complex Tears.**
Graesser E, Wall L, Kakar S, Yao J, Richard M, Gaston G, Goldfarb C.
J Hand Surg Am. 2025 Jan;50(1):2-9.
- 14. Kienbock Disease: Recent Advances in Understanding and Management.**
Lichtman D, Pientka W.
J Bone Joint Surg Am. 2025 May 8;107(12):1389–1402.
- 15. Magnetic Resonance Imaging Assessment of Ulnar Wrist Pain: A Practical Guide for Surgeons.**
Crowe C, McKenzie G, Kakar S.
J Hand Surg Am. 2024 Sep;49(9):901-912.
- 16. The Hand Surgeon's Role in the Management of Upper-Extremity Arteriovenous Malformation: A Review of the Literature.**
Mojica E, Taghinia A, Upton J, Ayalon O.
J Hand Surg Am. 2025 Apr 9:S0363-5023(25)00102-9.
- 17. Corticosteroid Injection With and Without Local Anesthetic for the Treatment of Trigger Finger: A Randomized Clinical Trial.**
Cavanaugh P, Dragisic M, Peck K, Kaplan F T, Merrell G.
J Hand Surg Am. 2025 May;50(5):581-586.
- 18. Surgical Options for the Restoration of Elbow Extension After Brachial Plexus Injury.**
Monir J, McQuillan T, Zelenski N, Wagner E.
J Hand Surg Am. 2025 Jun;50(6):723-730.
- 19. Is Replantation Associated With Better Hand Function After Traumatic Hand Amputation Than After Revision Amputation?**
Pyorny J, Luukinen P, Sletten I, Reito A, Leppanen O, Jokihaara J.
Clin Orthop Relat Res. 2024 May 1;482(5):843-853.

20. Thumb Metacarpophalangeal Joint Ulnar Collateral Ligament Injuries: Management and Biomechanical Evaluation.

Chang A, Merkow D, Bookman J, Glickel S.

J Am Acad Orthop Surg. 2023 Jan 1;31(1):7-16.