

MedStar Orthopedic and Sports Medicine Research Network

Sports Medicine and Shoulder and Elbow Surgery

Published Journal Articles, Book Chapters, and Awards 2025

1. Bowler A, Glass EA, Corban J, Diestel DR, McDonald-Stahl M, Stevens CS, Arnold RP, Sahi H, Puzzitiello R, Swanson DP, Murthi AM, et al. Surgical and patient factors associated with baseplate failures after reverse shoulder arthroplasty: A study by the ASES Complications of RSA Multicenter Research Group. In press
2. Brian A. Davis, Hudson KB, O'Connor FG, Jonas CE. Ethical considerations in sports medicine. In: ACSM's Sports Medicine: A Comprehensive Review. LWW; 2025.*
3. Carezzo L, Bermon S, Bigard X, Hudson KB, Garrandes F, Migliorini S, Sedgley MD, Troyanos C, Pustel C, Adami PE. Standardized emergency medical care in mass participation endurance events: Race Emergency Medicine Course (REMC) Educational Program. Sports Medicine - Open. 2025;11(1):159. *
4. Chou A, An JS, Douoguih WA, Koga H, Ollivier M. Tuberosity-sparing anterior opening wedge tibial osteotomy for correcting recurvatum: effects on functional scores, lower limb coronal alignment, and patellar height. Ortho J Sports Med. 2025;13(8):23259671251356689.
5. Chou A, Wright AJ, Abbasi P, Douoguih WA. A single lateral hinge screw increased resistance to varus stress after medial opening-wedge high tibial osteotomy in a synthetic bone model: a biomechanical analysis. Arthroscopy. 2025;41(10):4053-9.
6. Corban J, Bowler AR, Glass EA, Brownhill JR, Myers C, Hodorek B, Purdy M, Vasconcellos D, Le K, Austin LS, Cuff DJ, Murthi AM, et al. Modular baseplate augmentation: a simple and effective method for addressing eccentric glenoid wear. J Shoulder Elbow Surg. 2025;34(2):606-16.
7. Davis BA, Hudson BK, Ireland ML, Sallis RE, Phillips Wilder R, Zaremski JL, eds. ACSM's Sports Medicine: A Comprehensive Review. LWW; 2025. *
8. Devine DK, Sirch FJ, Sudah SY, Haislup BD, Joshi T, Nicholson AD. Exploring the relationship between industry payments and institutional factors among American shoulder and elbow surgery fellowship programs. JSES Rev Rep Tech. 2025;5(2):270-5.
9. Dobrosielski DA, Leppert KM, Knuth ND, Wilder JN, Kovacs L, Lisman PJ. Body composition values of NCAA Division 1 female athletes derived from dual-energy x-ray absorptiometry. J Strength Cond Res. 2021;35(10):2886-2893. *
10. Douoguih WA, Bodendorfer BM, Shu HT. Osteotomies for knee arthritis. In: Surgical Management of Knee Arthritis: Advances in Technique and Technology. Springer International Publishing; 2023:157-171.*

11. Feijoo E, Giladi AM, Sanghavi KK, Crisanto M, Wright MA. The impact of social deprivation on completion of bone health evaluation following a fragility fracture and referral by a fracture liaison service. *Curr Orthop Pract.* 2025;36(4):e1301.
12. Galetti TC, Sheth MM, Branche GC, et al. Challenges with sling use following shoulder surgery: the patients' perspective. *JSES Int.* 2025;9(4):1385-1389. *
13. Garside JC, Bellaire CP, Perraut GT, Argintar EH. Meniscal repair with concomitant suture-augmented ACL repair versus reconstruction: a retrospective cohort study. *Eur J Orthop Surg Traumatol.* 2025;35(1):79. *
14. Griswold BG, Davis BP, Schuette HB, et al. Introduction of a new outcome measure for total shoulder arthroplasty: subjective patient outcome tracker (SPOT). *Seminars in Arthroplasty: JSES.* 2025;35(4):553-560. *
15. Griswold BG, DeFoor MT, Steflik MJ, Parada SA. Reverse total shoulder arthroplasty in the setting of an intramuscular lipoma with extension into the glenoid: a case report. *Hand (N Y).* 2025;20(3):NP7-NP12. *
16. Griswold BG, Hatzidakis AM, Sears BW. Arthroplasty for sequelae of proximal humeral fractures. In: *Orthopaedic Knowledge Update®: Shoulder and Elbow 6: Print + Ebook.* Wolters Kluwer Health. *
17. Gupta S, Haislup B, Hoffman R, Murthi A. Assessing information provided via artificial intelligence regarding distal biceps tendon repair surgery. *J Exp Orthop.* 2025;12(12):e70281.
18. Gupta S, Haislup B, Tyagi A, Sudah S, Hoffman R, Murthi A. Assessment and comparison of artificial intelligence-generated information regarding shoulder arthroplasty from multiple interfaces. *J Shoulder Elbow Surg.* 2025;34(9):2216-23.
19. Gupta S, Haislup B, Vaughan A, Hoffman R, Murthi A. Accessing information provided via artificial intelligence regarding reverse and anatomic total shoulder arthroplasty. *Semin Arthroplasty.* 2025;35(1):56-61.
20. Haislup BD, Zhang LL, Chebli C, Murthi AM. Split anconeus fascia transfer for posterolateral rotatory instability of the elbow. *J Am Acad Orthop Surg.* 2025;33(20):1123-9.
21. Haislup B, Huff S, Johnson P, Ho JC, Murthi AM. Osteochondritis dissecans of the elbow: current diagnosis and management. 2026, In press
22. Heldt BL, Lomax JL, Houston HB, et al. Risk factors associated with pain while sleeping on the affected shoulder after primary reverse shoulder arthroplasty. *Clin Shoulder Elb.* 2025;28(2):204-212. *
23. Hollenczer EG, Rasinski S, Rouse J. Performance characteristics of jump forces and core stability in professional female lacrosse athletes. *International Journal of Athletic Therapy and Training.* 2025;30(6):326-9.

24. Hudson K, Sedgley M. Sideline emergencies. *ACSM's Sports Medicine: A Comprehensive Review*. 2nd ed. New York: Wolters-Kluwer, Ch.15, 2025. *
25. Joaquin TA, Opoku A, Perraut GT, Postma WF. Two cases of anterolateral meniscofemoral ligament of the lateral meniscus. *J Orthop Case Rep*. 2025;15(10):35-40. *
26. Joaquin T, Bellaire C, Perraut G, Argintar E. BicepBrace biceps tendon augmentation improves outcomes one year following surgery. *Eur J Orthop Surg Traumatol*. 2025;35(1):159. *
27. Joaquin T, Perraut G, Crowley B, Argintar E. Rotator cuff repair with "BicepBrace" biceps tendon augmentation. *Arthrosc Tech*. 2025;14(5):103395. *
28. Johnson CM, DeFoor MT, Griswold BG, Bozzone AE, Galvin JW, Parada SA. Functional anatomy and biomechanics of shoulder instability. *Clin Sports Med*. 2024;43(4):547-565. *
29. Kiefer L, Meinhardt G, Svoboda SJ. Fencing injuries. *ACSM's Sports Medicine: A Comprehensive Review*. 2 ed. New York: Wolters-Kluwer. 2025; Chap 97
30. Lee YS, Wright MA, Murthi A. Patient satisfaction and clinical outcomes utilizing a patient care coordination team to support same day discharge following shoulder arthroplasty. *J Shoulder Elbow Surg*. 2026;35(2):e169-e77.
31. Lindsey S, Tarapore R, Murthi AM, Hoffman RA. The modified Manes: a novel shoulder reduction maneuver. *Curr Orthop Pract*. 2025;36(6):e1326.
32. Looney AM, Chopra A, Elkadi SH, et al. Association of symptomatic venous thromboembolism and BMI in patients undergoing sports medicine knee procedures: a retrospective case-control study. *Sports Health*. 2024;16(3):429-439. *
33. Main B, Ollivier M, Abbasi P, Svoboda S, Dreese J, Shao J, Douoguih WA. A single lateral hinge screw increased resistance to varus stress after medial closing wedge distal femoral osteotomy in a synthetic bone model: a biomechanical analysis. *J Exp Orthop*. 2025;12(4):e70566.
34. Maunder DJ, Marshall SM, Murthi AM, Hoffman RA. Advancements and current trends in bearing surface technology for total shoulder arthroplasty: a comprehensive review. *JSES Rev Rep Tech*. 2025;5(4):790-7.
35. Maunder DJ, Nelson BC, Murthi AM, Hoffman RA. The burden of shoulder and elbow injuries in wrestling: A systematic review of incidence, injury types, and competition-level comparisons. 2026, In press.
36. Maxwell MJ, Glass EA, Bowler AR, Koechling Z, Lohre R, Diestel DR, McDonald-Stahl M, Bartels W, Vancleef S, Murthi A, et al. The effect of reverse shoulder arthroplasty design and surgical indications on deltoid and rotator cuff muscle length. *J Shoulder Elbow Surg*. 2025;34(7):1762-72.

37. Murthi AM, Huff S, Wright AJ. Outpatient arthroplasty: how to optimize patients for success. In: Matsen R, editor. Rockwood and Matsen's The Shoulder. 7 ed 2026. In press
38. NBA Research Committee, Douoguih W, DiFiori J, et al. Regarding "The primary risk factors for season-ending injuries in professional basketball are minutes played per game and later season games." *Arthroscopy*. 2025;41(9):3282-3283.*
39. Ollivier M, Douoguih WA, Karam K, Onishi S, Chou A. Infratuberosity anterior closing-wedge high tibial osteotomy for slope correction in anterior cruciate ligament-deficient knees. *Arthrosc Tech*. 2025;14(1):103153.
40. Patel R, Ghandour M, Sammartino F, Druel J, Slater D, Douoguih W, Ollivier M. Predictors of tunnel widening after anterior cruciate ligament reconstruction. *Am J Sports Med*. 2025;53(13):3108-15.
41. Proal JD, DiStefano D, Park A, Ikpeze T, Li X, Mesfin A. Demographic and academic characteristics of orthopaedic shoulder and elbow division chiefs in the United States. *J Shoulder Elbow Surg*. 2025;34(1):136-140. *
42. Puzzitiello R, Glass EA, Bowler AR, Swanson DP, Moverman M, Lohre R, Murthi A, et al. Low success rate of closed reductions when treating dislocations after reverse shoulder arthroplasty: a study by the ASES Complications of RSA Multicenter Research Group. *J Shoulder Elbow Surg*. 2025;34(6):1477-86.
43. Ryan K, Pothaust J. Equestrian sports. *ACSM's Sports Medicine: A Comprehensive Review*. 2 ed. New York: Wolters-Kluwer, Ch. 103, 2025. *
44. Srikumaran U, Jain A, Khanna AJ, eds. *MRI in Orthopaedics and Sports Medicine*. 1st edition. Thieme Verlag; 2026.
45. Sudah SY, Tyagi A, Whitelaw K, Joshi T, Haislup BD, Lohre R, Elhassan B, Namdari S, Menendez ME. Pipelining patterns in the shoulder and elbow surgery fellowship match. 2026, In press.
46. Tarapore R, Lindsey S, Murthi AM, Hoffman RA. Advances in shoulder surgical education. What are the realities? *J Hand Microsurg*. 2025;17(5):100290.
47. Thiru SS, Aksu NE, Baek G, Joaquin TA, Perraut GT, Postma WF. Informational quality of youtube content on partial meniscectomy remains inadequate. *Arthrosc Sports Med Rehabil*. 2025;7(4):101192. *
48. Thiru SS, Aksu NE, Baek G, et al. Patients perceive anterior cruciate ligament reconstruction more positively with quadriceps autograft than with patellar tendon autograft. *Arthroscopy, Sports Medicine, and Rehabilitation*. 2025;7(6):101296. *
49. Wallace K, Scarneo-Miller SE, Monnin J, et al. Systematic mapping review of player safety, sport science and clinical care in lacrosse. *Br J Sports Med*. 2025;59(4):263-271. *

50. Williams AA, Dey Hazra RO, Dornan G, Abboud JA, Abrams JS, Green A, Jobin CM, Lee TQ, Murthi AM, Sperling JW, Sanchez-Sotelo J, Galatz LM, Hoenecke HR, Mighell MA, Provencher MT, MacDonald PB, Verma NN, Armstrong AD, Parsons BO, Duralde XA. Consensus statement on the treatment of proximal humerus fractures: a Delphi approach by the Neer Circle of the American Shoulder and Elbow Surgeons. *J Shoulder Elbow Surg.* 2025;34(8):1977-88.
51. Wright MA, O'Leary M, Johnston P, Murthi AM. Advances in anatomic total shoulder arthroplasty glenoid implant design. *J Am Acad Orthop Surg.* 2025;33(2):56-64.
52. Wright MA, Shapiro D, Chopra A, Murthi AM. Limited health literacy in shoulder and elbow patients. *Shoulder Elbow.* 2025;17(1):36-42.
53. Zhang L, Abbasi P, Chennoju M, Hoffman R, Khan A, Abboud J, Johnson P, Murthi AM. Distal radius allograft versus distal tibia allograft for anterior glenoid reconstruction: a biomechanical comparison. *Am J Sports Med.* 2025;53(13):3243-50.
54. Zhang L, Sinha SK, Murthi AM. Current strategies in regional anesthesia and analgesia for shoulder surgery. *JAAOS.* 2025;33(14):761-9.
55. Zielinski KP, Wieland MD, Sequeira SB, Gould HP, Dreese JC. Posterolateral corner reconstruction: a systematic review and meta-analysis of biomechanical studies. *Am J Sports Med.* 2025;53(6):1524-34 *
56. Zittel KW, Postma W. Lacrosse. *ACSM's Sports Medicine: A Comprehensive Review.* 2 ed. New York: Wolters-Kluwer, Ch.110, 2025. *
57. Zittel KW, Zielinski KP, Thompson MC, Postma WF, Murray RS, Cunningham BW. Regional variation in distal femur subchondral bone mineral density: An in vitro human cadaveric model. *J Orthop.* 2025;69:283-287. *

Awards

1. Huff S, Abbasi P, Murthi AM. Normalization of humeral force generation following lower trapezius tendon transfer. Presented at the Visiting Professor Lectureship, **Received the Roger H. Michael Fellow Project Award for Outstanding Achievement in Orthopaedic Research**, MedStar Union Memorial Hospital, Baltimore, MD, June 19, 2025.
2. Griffin D, Lee ND, Yin R, Martelli D, Giladi A, Kessler M. A modern biomechanical assessment of functional elbow motion utilizing motion capture software. American Society for Surgery of the Hand, October 9-11, 2025, Vancouver, BC. **Winner of Joseph H. Boyes Award for Best Resident or Fellow Presentation.** *

* Project in collaboration with MedStar Georgetown University Hospital

Grants Awarded

Anand Murthi – Shoulder and Elbow

American Shoulder and Elbow Surgeons Foundation NSEW Grant

Wiemi Douoguih MD – Sports Medicine

Arthrex Investigator Initiated Grant