

Name	Jason L. Koh, MD, MBA
Current Position & Affiliation	Mark R. Neaman Family Chair of Orthopaedic Surgery System Physician Executive, Orthopaedic & Spine Institute Endeavor Health, Evanston, Illinois Chief Medical Officer, Chicago Fire FC (Major League Soccer) Clinical Professor of Surgery, University of Chicago Adjunct Professor of Biomedical Engineering, Northwestern University
Country	United States of America

Educational Background

Harvard University, *magna cum laude*
 Johns Hopkins School of Medicine, MD
 Massachusetts General Hospital internship
 Hospital for Special Surgery orthopaedic residency
 Cleveland Clinic sports medicine fellowship
 Northwestern University MBA, with additional coursework at Harvard Business School

Professional Experiences

As chair of the largest orthopaedic department in the Chicago region he uses data analytics to achieve nationally recognized quality while reducing cost and increasing volume. He is the founder of the Orthopaedic & Spine Institute specialty hospital (20 ORS) that performs 13000 cases annually, and multidisciplinary programs in arthritis, sports, and spine. He specializes in sports and shoulder injuries and has been team physician for the Chicago Cubs, Chicago Fire Soccer, and the Joffrey Ballet. His peers have voted him "Top Doctor" and elected him to the ACL Study Group, the American Shoulder and Elbow Surgeons, the International Patellofemoral Study Group, and the Herodicus Society. His NIH funded research involves tissue engineering and regenerative medicine for cartilage, rotator cuff and ligament repair, and twice won the Charles Neer award from the ASES, and the Richard O'Connor award from the Arthroscopy Association. He is internationally recognized as a teacher and course chair and works with medical device and technology companies from bench top to successful clinical trials and commercialization, and has 3 patents. He has been President of the Illinois Association of Orthopaedic Surgeons, serves as Communications Chair for AAOS, International Committee Chair AANA, Secretary of ISAKOS, Treasurer IPSPG, and Vice-President of the Patellofemoral Foundation.

Main Scientific Publications

141 peer-reviewed publications · 5 books · H-index 41

American Journal of Sports Medicine

1. Radiological Risk Factors for Osteochondral Fractures in Patients With First-Time and Recurrent Patellar Instability: Data From the JUPITER Cohort. *Am J Sports Med.* 2025;53(4):839-847. PMID: 39939854.
2. Zhu S, Chen Y, Wang P, Shi LL, Li G, Li X, Koh JL, et al. In Vivo Analysis of Acromioclavicular Kinematics and Distance During Multiplanar Humeral Elevation. *Am J Sports Med.* 2024;52(2):474-484. PMID: 38197156.
3. Koh JL, Wirsing K, Lautenschlager E, Zhang LO. The effect of graft height mismatch on contact pressure following osteochondral grafting: a biomechanical study. *Am J Sports Med.* 2004;32(2):317-320. PMID: 14977653.
4. Nam EK, Makhsous M, Koh J, et al. Biomechanical and histological evaluation of osteochondral transplantation in a rabbit model. *Am J Sports Med.* 2004;32(2):308-316. PMID: 14977652.
5. Schickendantz MS, Ho CP, Koh J. Stress injury of the proximal ulna in professional baseball players. *Am J Sports Med.* 2002;30(5):737-741. PMID: 12239011.
6. Koh JL, Szomor Z, Murrell GA, Warren RF. Supplementation of rotator cuff repair with a bioresorbable scaffold. *Am J Sports Med.* 2002;30(3):410-413. PMID: 12016083.

Journal of Bone and Joint Surgery

1. Koh JL, Yi SJ, Ren Y, Zimmerman TA, Zhang LQ. Tibiofemoral Contact Mechanics with Horizontal Cleavage Tear and Resection of the Medial Meniscus in the Human Knee. *J Bone Joint Surg Am.* 2016;98(21):1829-1836.
2. Zhang Q, Shi LL, Ravella KC, Koh JL, et al. Distinct Proximal Humeral Geometry in Chinese Population and Clinical Relevance. *J Bone Joint Surg Am.* 2016;98(24):2071-2081. PMID: 28002370.
3. Cannon WD, Garrett WE Jr, Hunter RE, et al. (incl. Koh JL). Improving residency training in arthroscopic knee surgery with use of a virtual-reality simulator. *J Bone Joint Surg Am.* 2014;96(21):1798-1806. PMID: 25378507.
4. Saltzman MD, Nuber GW, Gryzlo SM, Marecek GS, Koh JL. Efficacy of surgical preparation solutions in shoulder surgery. *J Bone Joint Surg Am.* 2009;91(8):1949-1953. PMID: 19651954.
5. Wilson NA, Press JM, Koh JL, Hendrix RW, Zhang LQ. In vivo noninvasive evaluation of abnormal patellar tracking

during squatting in patients with patellofemoral pain. *J Bone Joint Surg Am.* 2009;91(3):558-566. PMID: 19255215.

Journal of Shoulder and Elbow Surgery

1. Koh JL, Levin SD, Chehab EL, Murphy GS. **[Neer Award 2012]** Cerebral oxygenation in the beach chair position: effect of general vs. regional anesthesia and sedation. *J Shoulder Elbow Surg.* 2013;22(10):1325-1331.
2. ASES MERIT Investigators (incl. Koh JL). Management of irreparable massive rotator cuff tears: systematic review and meta-analysis of patient-reported outcomes, reoperation rates, and treatment response. *J Shoulder Elbow Surg.* 2020;29(12):2459-2475. PMID: 32763381.
3. Rybalko D, Bobko A, Amirouche F, et al. (incl. Koh J). Biomechanical effects of superior capsular reconstruction in a rotator cuff-deficient shoulder: a cadaveric study. *J Shoulder Elbow Surg.* 2020;29(10):1959-1966.
4. Schumaier A, Kovacevic D, Schmidt C, et al. (incl. Koh J). Defining massive rotator cuff tears: a Delphi consensus study. *J Shoulder Elbow Surg.* 2020;29(4):674-680. PMID: 32197762.
5. Hsu JE, Bumgarner RE, et al. (incl. Koh JL). What do positive and negative Cutibacterium culture results in periprosthetic shoulder infection mean? *J Shoulder Elbow Surg.* 2022;31(8):1713-1720. PMID: 35176494.
6. Krishnan P, Koh J, Pradhan S, et al. Analysis of abduction moment arms after rotator cuff tear and acellular dermal matrix allograft reconstruction. *J Shoulder Elbow Surg.* 2023;32(11):2207-2213. PMID: 37276919.

Clinical Orthopaedics and Related Research

1. Jiang JJ, Somogyi JR, Patel PB, Koh JL, Dirschl DR, Shi LL. Obesity is Not Associated with Increased Short-term Complications After Primary Total Shoulder Arthroplasty. *Clin Orthop Relat Res.* 2016;474(3):787-795.
2. Koh JL, Zimmerman TA, Patel S, Ren Y, Xu D, Zhang LQ. Tibiofemoral Contact Mechanics With Horizontal Cleavage Tears and Treatment of the Lateral Meniscus in the Human Knee. *Clin Orthop Relat Res.* 2018;476(11):2262-2270. PMID: 30179247.
3. Fung DT, Hendrix RW, Koh JL, Zhang LQ. ACL impingement prediction based on MRI scans of individual knees. *Clin Orthop Relat Res.* 2007;460:210-218. PMID: 17353801.
4. Feinglass J, Koo S, Koh J. Revision total knee arthroplasty complication rates in Northern Illinois. *Clin Orthop Relat Res.* 2004;(429):279-285. PMID: 15577499.

Arthroscopy

1. Hurley ET, Sherman SL, et al.; Members of the Biologics Association (incl. Koh JL). Experts Achieve Consensus on Platelet-Rich Plasma Treatments for Musculoskeletal Pathology. *Arthroscopy.* 2024;40(2):470-477. PMID: 37625660.
2. Krishnan P, Maassen N, Lee C, Baker H, Koh J, et al. Long Head of the Biceps Autograft Performs Biomechanically Similar to Human Dermal Allograft for Superior Capsule Reconstruction After Rotator Cuff Tear. *Arthroscopy.* 2023;39(3):706-715. PMID: 36395965.
3. Edwards SL, Wilson NA, Flores SE, Koh JL, Zhang LQ. Arthroscopic distal clavicle resection: biomechanical analysis of resection length and joint compliance in a cadaveric model. *Arthroscopy.* 2007;23(12):1278-1284.
4. Koh JL, Schafer MF, Keuter G, Hsu JE. Ulnar collateral ligament reconstruction in elite throwing athletes. *Arthroscopy.* 2006;22(11):1187-1191. PMID: 17084295.

Knee Surgery, Sports Traumatology, Arthroscopy

1. Zhu S, Li X, Lu Z, Koh JL, et al. Arthroscopic repair of degenerative medial meniscus tears in patients aged over 45 years: favorable clinical outcomes and low failure rates at minimum 2-year follow-up. *Knee Surg Sports Traumatol Arthrosc.* 2023;31(5):1815-1823. PMID: 36136122.
2. Koh JL, Zwahlen BA, Altchek DW, Zimmerman TA. Arthroscopic treatment successfully treats posterior elbow impingement in an athletic population. *Knee Surg Sports Traumatol Arthrosc.* 2018;26(1):306-311. PMID: 28534159.

BOOKS & BOOK CHAPTERS

Books (Editor / Co-Editor)

1. Koh JL (Chief Editor), Zafagnini S, Kuroda R, Amirouche F, Longo U. *Biomechanics in Orthopaedic Sports Medicine.* Springer-Verlag, 2021.
 2. Koh JL (Chief Editor), Kuroda R, Espregueira Mendes J, Gobbi A. *The Patellofemoral Joint: A Case-Based Approach.* Springer-Verlag, 2022.
 3. Musahl V, Karlsson J, Hirschmann MT, Ayeni OR, Marx RG, Koh JL (Co-editor), Nakamura N. *Basic Methods Handbook for Clinical Orthopaedic Research: A Practical Guide and Case Based Research Approach.* Springer, 2019.
 4. Lyman S, Ayeni O, Koh JL (Associate Editor), Nakamura N, Karlsson J. *Introduction to Surgical Trials.* Springer-Verlag, 2024.
 5. Musahl V, Karlsson J, Hirschmann MT, Ayeni OR, Marx RG, Koh JL (Co-editor), Nakamura N. *Basic Methods Handbook for Clinical Orthopaedic Research: A Practical Guide and Case Based Research Approach (2nd Edition).* Springer, 2019.
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