

Stanford



Geoffrey Abrams, MD

Associate Professor of Orthopaedic Surgery

CLINICAL OFFICE (PRIMARY)

- **Stanford Sports Medicine Clinic**

450 Broadway St

Pavilion A 2nd Fl MC 6120

Redwood City, CA 94063

Tel (800) 717-0012 **Fax** (650) 721-3429

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Maricela Luna - Administrative Associate

Email lunamar@stanford.edu

Tel 650-725-1582

Bio

BIO

Dr. Abrams is an Associate Professor within the Department of Orthopedic Surgery at Stanford University School of Medicine. He specializes in Sports Medicine/arthroscopy of the shoulder, knee, and elbow, upper extremity joint replacement, as well as tendon and ligament reconstructive surgery of the shoulder, knee, and elbow. He is Board Certified in Orthopedic Surgery, with a subspecialty certificate in Sports Medicine, and is a member of the American Academy of Orthopedic Surgeons (AAOS), the American Orthopedic Society for Sports Medicine (AOSSM), and the American Shoulder and Elbow Surgeons (ASES), among others. He is actively involved in tendon disease research, focusing on the role of microRNA and tendon-derived stem cells in the pathogenesis of the disease. Dr. Abrams has authored or co-authored over 120 peer-reviewed scientific articles, over 30 book chapters, has given numerous invited presentations as well as presented original research at national and international scientific meetings. He serves as Director of Sports Medicine for Varsity Athletics at Stanford University, Head Team Physician for numerous Stanford varsity sports, Assistant Team Physician for the NFL's San Francisco 49ers, and previous Assistant Team Physician for the NBA's Golden State Warriors. Dr. Abrams received his undergraduate degree from Stanford University and his Doctor of Medicine from the University of California - San Diego. He completed his residency in Orthopedic Surgery at Stanford University and went on to a Fellowship in Orthopedic Sports Medicine and Shoulder Surgery at Rush University Medical Center in Chicago, Illinois.

CLINICAL FOCUS

- Sports Medicine
- Orthopaedic Sports Medicine

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Orthopaedic Surgery
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance

ADMINISTRATIVE APPOINTMENTS

- Medical Director, Lacob Family Sports Medicine Center for Varsity Athletics, (2016- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Orthopedic Society for Sports Medicine (2013 - present)
- Member, American Shoulder and Elbow Surgeons (2021 - present)
- Member, American Academy of Orthopedic Surgeons (2009 - present)
- Member, California Orthopedic Association (2013 - present)
- Member, Western Orthopedic Association (2013 - present)

PROFESSIONAL EDUCATION

- Board Certification: Orthopaedic Sports Medicine, American Board of Orthopaedic Surgery (2016)
- Medical Education: University of California San Diego School of Medicine (2007) CA
- Internship: Stanford University Dept of General Surgery (2008) CA
- Residency: Stanford University Orthopaedic Surgery Residency (2012) CA
- Fellowship: Rush University Sports Medicine Fellowship (2013) IL
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2015)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Abrams' research is focused on elucidating the pathobiology behind tendinopathy and developing new treatment modalities for the disease. Specifically, his team is studying the role of micro-RNA as it relates to chronic inflammation and stem cell differentiation in the development and perpetuation of chronic tendinopathy.

CLINICAL TRIALS

- Pulsed Electromagnetic Field (PEMF) Therapy for Post-operative Pain Following Orthopedic Surgery, Recruiting
- The Effect of Micro Fragmented Adipose Tissue (MFAT) on Shoulder Osteoarthritis, Recruiting
- PEMF as Adjunctive Treatment Following Surgical Repair of Full Thickness Rotator Cuff Tears, Not Recruiting

Teaching

COURSES

2021-22

- Introduction to Orthopedic Surgery: ORTHO 205 (Aut)

STANFORD ADVISEES

Med Scholar Project Advisor

Jason Thomas, Michelle Xiao

Publications

PUBLICATIONS

- **Glenoid Structural Bone Grafting in Reverse Total Shoulder Arthroplasty: Clinical and Radiographic Outcomes.** *Journal of shoulder and elbow surgery*
Sholtis, C., Kha, S. T., Ramakrishnan, A., Abrams, G. D., Freehill, M. T., Cheung, E. V.
2024

- **Acromioclavicular Joint Reconstruction with Double-Bundle Constructs Provide Improved Maintenance of Reduction but Comparable Clinical Outcomes Versus Single-Bundle Constructs.** *Arthroscopy: the journal of arthroscopic & related surgery: official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Xiao, M., Abrams, G. D.
2024
- **High Accuracy of Intra-articular Needle Position during Anterior Landmark Guided Glenohumeral Injections.** *Journal of ISAKOS: joint disorders & orthopaedic sports medicine*
Bartels, D., Pullen, W. M., Curtis, D., Sherman, S. L., Abrams, G. D., Cheung, E. V., Freehill, M. T., Wang, T.
2024
- **Knee MRI: Meniscus Roots, Ramps, Repairs, and Repercussions.** *Radiographics: a review publication of the Radiological Society of North America, Inc*
Tomsan, H., Gorbachova, T., Fritz, R. C., Abrams, G. D., Sherman, S. L., Shea, K. G., Boutin, R. D.
2023; 43 (7): e220208
- **No significant difference in risk of prolonged opioid use following outpatient versus inpatient total shoulder arthroplasty: A propensity matched analysis.** *Shoulder & elbow*
Xiao, M., Curtis, D. M., Cheung, E. V., Freehill, M. T., Abrams, G. D.
2023; 15 (3): 292-299
- **The Use of Biologics in NFL Athletes: An Expert Consensus of NFL Team Physicians.** *Orthopaedic journal of sports medicine*
Murray, I. R., McAdams, T. R., Hammond, K. E., Haddad, F. S., Rodeo, S. A., Abrams, G. D., Bankston, L., Bedi, A., Boublik, M., Bowen, M., Bradley, J. P., Cooper, D. E., Craythorne, et al
2023; 11 (2): 23259671221143778
- **Assessment of a Synergistic Effect of Platelet-Rich Plasma and Stem Cell-Seeded Hydrogel for Healing of Rat Chronic Rotator Cuff Injuries.** *Cell transplantation*
Oda, H., Kaizawa, Y., Franklin, A., Sanchez Rangel, U., Storaci, H., Min, J. G., Wang, Z., Abrams, G. D., Chang, J., Fox, P. M.
2023; 32: 9636897231190174
- **Development and systematic characterization of GelMA/alginate/PEGDMA/xanthan gum hydrogel bioink system for extrusion bioprinting.** *Biomaterials*
Li, J., Moeinzadeh, S., Kim, C., Pan, C. C., Weale, G., Kim, S., Abrams, G., James, A. W., Choo, H., Chan, C., Yang, Y. P.
2022; 293: 121969
- **Biomechanical, Histologic, and Micro-Computed Tomography Characterization of Partial-Width Full-Thickness Supraspinatus Tendon Injury in Rats.** *The Journal of hand surgery*
Oda, H., Kaizawa, Y., Franklin, A., Rangel, U. S., Min, J. G., Akerman, J., Storaci, H., Wang, Z., Abrams, G. D., Chang, J., Fox, P. M.
2022
- **Growth and Differentiation Factor-7 Immobilized, Mechanically Strong Quadrol-Hexamethylene Diisocyanate-Methacrylic Anhydride Polyurethane Polymer for Tendon Repair and Regeneration.** *Acta biomaterialia*
Wang, D., Zhang, X., Ng, K. W., Rao, Y., Wang, C., Gharaibeh, B., Lin, S., Abrams, G., Safran, M., Cheung, E., Campbell, P., Weiss, L., Ker, et al
2022
- **Prevalence of Positive Rapid Antigen Tests After 7-Day Isolation Following SARS-CoV-2 Infection in College Athletes During Omicron Variant Predominance.** *JAMA network open*
Tsao, J., Kussman, A., Segovia, N. A., Abrams, G. D., Boehm, A. B., Hwang, C. E.
2022; 5 (10): e2237149
- **Single-Stage Surgical Treatment of Multi-ligament Knee Injuries Results in Lower Cost and Fewer Complications and Unplanned Reoperations Compared With Staged Treatment.** *Arthroscopy, sports medicine, and rehabilitation*
Lau, B. C., Varsheya, K., Morriss, N., Wickman, J., Kirkendall, D., Abrams, G.
2022; 4 (5): e1659-e1666
- **Increased Risk of ACL Injury for Female but Not Male Soccer Players on Artificial Turf Versus Natural Grass: A Systematic Review and Meta-Analysis.** *Orthopaedic journal of sports medicine*
Xiao, M., Lemos, J. L., Hwang, C. E., Sherman, S. L., Safran, M. R., Abrams, G. D.
2022; 10 (8): 2325967122114353
- **A Genome-Wide Association Study Reveals Two Genetic Markers for Chondromalacia.** *Cartilage*
Kim, S. K., Kahn, C., Abrams, G. D.

2022; 13 (3): 19476035221121790

- **Limited Biomechanical Evidence Behind Single Row Versus Double Row Repair of Subscapularis Tears: A Systematic Review.** *Arthroscopy, sports medicine, and rehabilitation*
Xiao, M., Cohen, S. A., Cheung, E. V., Sherman, S. L., Abrams, G. D., Freehill, M. T.
2022; 4 (3): e1193-e1201
- **Accuracy of Rapid Antigen vs Reverse Transcriptase-Polymerase Chain Reaction Testing for SARS-CoV-2 Infection in College Athletes During Prevalence of the Omicron Variant.** *JAMA network open*
Tsao, J., Kussman, A. L., Costales, C., Pinsky, B. A., Abrams, G. D., Hwang, C. E.
2022; 5 (6): e2217234
- **Ulnar Collateral Ligament Reconstruction Does Not Decrease Spin Rate or Performance in Major League Pitchers.** *The American journal of sports medicine*
Cinque, M. E., LaPrade, C. M., Abrams, G. D., Sherman, S. L., Safran, M. R., Freehill, M. T.
2022: 3635465221097421
- **Editorial Commentary: Soaking Anterior Cruciate Ligament Grafts in Vancomycin Solution Lowers Infection Rates Without Lowering Functional Outcomes.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Xiao, M., Abrams, G. D., Editorial Board
2022; 38 (5): 1535-1536
- **Patient-Specific Risk Factors Exist for Hip Fractures After Arthroscopic Femoroacetabular Impingement Surgery, But Not for Dislocation-An Analysis of More Than 25,000 Hip Arthroscopies.** *Arthroscopy, sports medicine, and rehabilitation*
Varshneya, K., Abrams, G. D., Sherman, S. L., Safran, M. R.
2022; 4 (2): e519-e525
- **Revision Ulnar Collateral Ligament Reconstruction in Major League Baseball Pitchers: Effects of Fastball Velocity and Usage.** *Journal of shoulder and elbow surgery*
LaPrade, C. M., Cinque, M. E., Chona, D. V., Sciascia, A. D., Abrams, G. D., Sherman, S. L., Safran, M. R., Freehill, M. T.
2022
- **Comparison of SARS-CoV-2 Test Positivity in NCAA Division I Student Athletes vs Nonathletes at 12 Institutions.** *JAMA network open*
Schultz, E. A., Kussman, A., Jerome, A., Abrams, G. D., Hwang, C. E.
2022; 5 (2): e2147805
- **Return-to-play and performance after operative treatment of Achilles tendon rupture in elite male athletes: a scoping review.** *British journal of sports medicine*
LaPrade, C. M., Chona, D. V., Cinque, M. E., Freehill, M. T., McAdams, T. R., Abrams, G. D., Sherman, S. L., Safran, M. R.
2022
- **Factors Associated With a Prolonged Time to Return to Play After a Concussion.** *The American journal of sports medicine*
Wang, E. X., Hwang, C. E., Nguyen, J. N., Segovia, N. A., Abrams, G. D., Kussman, A.
2022: 3635465221083646
- **Patients Who Return to Sport After Primary Anterior Cruciate Ligament Reconstruction Have Significantly Higher Psychological Readiness: A Systematic Review and Meta-analysis of 3744 Patients** *Am J Sports Med*
Xiao, M., van Niekerk, M., Trivedi, N., Hwang, C., Sherman, S., Safran, M., Abrams, G.
2022
- **Biologic Augmentation for the Operative Treatment of Osteochondral Defects of the Knee: A Systematic Review** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Chona, D., Kha, S. T., Minetos, P. D., LaPrade, C. M., Chu, C. R., Abrams, G. D., Safran, M. R., Sherman, S. L.
2021; 9 (11)
- **Tendency of Driving to the Basket Is Associated With Increased Risk of Anterior Cruciate Ligament Tears in National Basketball Association Players: A Cohort Study.** *Orthopaedic journal of sports medicine*
Schultz, B. J., Thomas, K. A., Cinque, M., Harris, J. D., Maloney, W. J., Abrams, G. D.
2021; 9 (11): 23259671211052953

- **Tendency of Driving to the Basket Is Associated With Increased Risk of Anterior Cruciate Ligament Tears in National Basketball Association Players: A Cohort Study** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Schultz, B. J., Thomas, K. A., Cinque, M., Harris, J. D., Maloney, W. J., Abrams, G. D.
2021; 9 (11)
- **Biologic Augmentation for the Operative Treatment of Osteochondral Defects of the Knee: A Systematic Review.** *Orthopaedic journal of sports medicine*
Chona, D. V., Kha, S. T., Minetos, P. D., LaPrade, C. M., Chu, C. R., Abrams, G. D., Safran, M. R., Sherman, S. L.
2021; 9 (11): 23259671211049756
- **Tendon-Derived Progenitor Cells With Multilineage Potential Are Present Within Human Patellar Tendon.** *Orthopaedic journal of sports medicine*
Leonardi, E. A., Xiao, M., Murray, I. R., Robinson, W. H., Abrams, G. D.
2021; 9 (8): 23259671211023452
- **Biologics in professional and Olympic sport: a scoping review.** *The bone & joint journal*
Murray, I. R., Makaram, N. S., Rodeo, S. A., Safran, M. R., Sherman, S. L., McAdams, T. R., Murray, A. D., Haddad, F. S., Abrams, G. D.
2021; 103-B (7): 1189-1196
- **Biologics in professional and Olympic sport: a scoping review** *BONE & JOINT JOURNAL*
Murray, I. R., Makaram, N. S., Rodeo, S. A., Safran, M. R., Sherman, S. L., McAdams, T. R., Murray, A. D., Haddad, F. S., Abrams, G. D.
2021; 103B (7): 1189-1196
- **Infographic: Biologics in professional and Olympic sport: a scoping review.** *The bone & joint journal*
Murray, I. R., Makaram, N. S., Rodeo, S. A., Safran, M. R., Sherman, S. L., McAdams, T. R., Murray, A. D., Haddad, F. S., Abrams, G. D.
2021; 103-B (7): 1187-1188
- **Three genes associated with anterior and posterior cruciate ligament injury A GENOME-WIDE ASSOCIATION ANALYSIS** *BONE & JOINT OPEN*
Kim, S. K., Nguyen, C., Avins, A. L., Abrams, G. D.
2021; 2 (6): 414-421
- **Three genes associated with anterior and posterior cruciate ligament injury : a genome-wide association analysis.** *Bone & joint open*
Kim, S. K., Nguyen, C., Avins, A. L., Abrams, G. D.
2021; 2 (6): 414-421
- **Association of COA1 with Patellar Tendonitis: A Genome-wide Association Analysis.** *Medicine and science in sports and exercise*
Kim, S. K., Nguyen, C., Horton, B. H., Avins, A. L., Abrams, G. D.
2021
- **Arthroscopic Single and Double Row Repair of Isolated and Combined Subscapularis Tears Result in Similar Improvements in Outcomes: A Systematic Review.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Xiao, M., Cohen, S. A., Cheung, E. V., Abrams, G. D., Freehill, M. T.
2021
- **Concomitant Osteotomy Reduces Risk of Reoperation Following Cartilage Restoration Procedures of the Knee: A Matched Cohort Analysis.** *Cartilage*
Calcei, J. G., Varshneya, K., Sochacki, K. R., Safran, M. R., Abrams, G. D., Sherman, S. L.
2021: 19476035211011515
- **High Specialization among Female Youth Soccer Players Is Associated with an Increased Likelihood of Serious Injury.** *Medicine and science in sports and exercise*
Xiao, M., Lemos, J. L., Hwang, C. E., Sherman, S. L., Safran, M. R., Abrams, G. D.
2021
- **Uvular Necrosis After Shoulder Surgery: A Report of Three Cases** *CUREUS*
Xiao, M., Kaufman, D., Abrams, G. D.
2021; 13 (3)
- **Uvular Necrosis After Shoulder Surgery: A Report of Three Cases.** *Cureus*
Xiao, M., Kaufman, D. I., Abrams, G. D.
2021; 13 (3): e14233

- **Tendinopathy.** *Nature reviews. Disease primers*
Millar, N. L., Silbernagel, K. G., Thorborg, K. n., Kirwan, P. D., Galatz, L. M., Abrams, G. D., Murrell, G. A., McInnes, I. B., Rodeo, S. A.
2021; 7 (1): 1
- **Outcomes After Resection Arthroplasty Versus Permanent Antibiotic Spacer for Salvage Treatment of Shoulder Periprosthetic Joint Infections: A Systematic Review and Meta-Analysis.** *Journal of shoulder and elbow surgery*
Xiao, M., Money, A., Pullen, W. M., Cheung, E. V., Abrams, G. D., Freehill, M. T.
2021
- **Hip Dislocation and Subluxation in Athletes: A Systematic Review.** *The American journal of sports medicine*
Chona, D. V., Minetos, P. D., LaPrade, C. M., Cinque, M. E., Abrams, G. D., Sherman, S. L., Safran, M. R.
2021: 3635465211036104
- **Increased Lower Extremity Injury Risk Associated With Player Load and Distance in Collegiate Women's Soccer.** *Orthopaedic journal of sports medicine*
Xiao, M., Nguyen, J. N., Hwang, C. E., Abrams, G. D.
2021; 9 (10): 23259671211048248
- **Pain Management in Shoulder Arthroplasty: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials.** *Journal of shoulder and elbow surgery*
Xiao, M., Cohen, S. A., Cheung, E. V., Freehill, M. T., Abrams, G. D.
2021
- **Author Correction: Tendinopathy.** *Nature reviews. Disease primers*
Millar, N. L., Silbernagel, K. G., Thorborg, K. n., Kirwan, P. D., Galatz, L. M., Abrams, G. D., Murrell, G. A., McInnes, I. B., Rodeo, S. A.
2021; 7 (1): 10
- **Identification of Three Loci Associated with Achilles Tendon Injury Risk from a Genome-wide Association Study.** *Medicine and science in sports and exercise*
Kim, S. K., Nguyen, C. n., Avins, A. L., Abrams, G. D.
2021
- **Autologous Bone Grafting** *OPERATIVE TECHNIQUES IN SPORTS MEDICINE*
Robinson, P. G., Abrams, G. D., Sherman, S. L., Safran, M. R., Murray, I. R.
2020; 28 (4)
- **Superior Capsular Reconstruction: A Systematic Review of Surgical Techniques and Clinical Outcomes.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Gao, I., Sochacki, K. R., Freehill, M. T., Sherman, S. L., Abrams, G. D.
2020
- **The use of biologics in professional and Olympic sport: a scoping review protocol.** *Bone & joint open*
Makaram, N. S., Murray, I. R., Rodeo, S. A., Sherman, S. L., Murray, A. D., Haddad, F. S., McAdams, T. R., Abrams, G. D.
2020; 1 (11): 715–19
- **Platelet-Rich Plasma Augmentation for Isolated Arthroscopic Meniscal Repairs Leads to Significantly Lower Failure Rates: A Systematic Review of Comparative Studies.** *Orthopaedic journal of sports medicine*
Sochacki, K. R., Safran, M. R., Abrams, G. D., Donahue, J., Chu, C., Sherman, S. L.
2020; 8 (11): 2325967120964534
- **Comparison of Autologous Chondrocyte Implantation and Osteochondral Allograft Transplantation of the Knee in a Large Insurance Database: Reoperation Rate, Complications, and Cost Analysis.** *Cartilage*
Sochacki, K. R., Varshneya, K., Calcei, J. G., Safran, M. R., Abrams, G. D., Donahue, J., Chu, C., Sherman, S. L.
2020: 1947603520967065
- **Can upstream patient education improve fracture care in a digital world? Use of a decision aid for the treatment of displaced diaphyseal clavicle fractures.** *Journal of orthopaedic trauma*
Lai, C. H., DeBaun, M. R., Van Rysselberghe, N., Abrams, G. D., Kamal, R. N., Bishop, J. A., Gardner, M. J.
2020
- **A Genome-wide Association Study for Concussion Risk.** *Medicine and science in sports and exercise*
Kim, S. K., Roche, M. D., Fredericson, M., Dragoo, J. L., Horton, B. H., Avins, A. L., Belanger, H. G., Ioannidis, J. P., Abrams, G. D.

2020

- **Preoperative Fatty Infiltration of the Teres Minor Negatively Affects Postoperative Outcomes in Patients With Rotator Cuff Pathology.** *Orthopaedic journal of sports medicine*
Sarkissian, E. J., Xiao, M., Abrams, G. D.
2020; 8 (10): 2325967120960107
- **Delayed Union of a Diaphyseal Forearm Fracture Associated With Impaired Osteogenic Differentiation of Prospectively Isolated Human Skeletal Stem Cells.** *JBMR plus*
Goodnough, L. H., Ambrosi, T. H., Steininger, H., DeBaun, M. R., Abrams, G. D., McAdams, T. R., Gardner, M. J., Chan, C. K., Bishop, J. A.
2020; 4 (10): e10398
- **Surgeon practice patterns for pre-soaking ACL tendon grafts in vancomycin: a survey of the ACL study group.** *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*
Xiao, M., Sherman, S. L., Safran, M. R., Abrams, G. D.
2020
- **Rationale for the Use of Orthobiologics in Sports Medicine** *OPERATIVE TECHNIQUES IN SPORTS MEDICINE*
Makaram, N. S., Safran, M. R., Abrams, G. D., Sherman, S. L., Murray, I. R.
2020; 28 (3)
- **Costs, Complications, and Reoperations Associated With Primary Arthroscopic Rotator Cuff Repair With or Without Acromioplasty and/or Biceps Tenodesis.** *Arthroscopy, sports medicine, and rehabilitation*
Varshneya, K., Safran, M. R., Sherman, S. L., Abrams, G. D.
2020; 2 (4): e369–e376
- **Editorial Commentary: Please Don't Call It a Mesenchymal Stem Cell.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Abrams, G. D., Murray, I. R.
2020; 36 (8): 2134–36
- **Reoperation Rates following Meniscus Transplantation using the Truven Database.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Sochacki, K. R., Varshneya, K. n., Safran, M. R., Abrams, G. D., Donahue, J. n., Wang, T. n., Sherman, S. L.
2020
- **Risk of Subsequent Knee Arthroplasty After Sports Medicine Procedures.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Enweze, L. C., Varshneya, K. n., Sherman, S. L., Safran, M. R., Abrams, G. D.
2020; 4 (8): e2000125
- **Relationship of the Medial Patellofemoral Ligament Origin on the Distal Femur to the Distal Femoral Physis: A Systematic Review.** *The American journal of sports medicine*
Sochacki, K. R., Shea, K. G., Varshneya, K. n., Safran, M. R., Abrams, G. D., Donahue, J. n., Sherman, S. L.
2020: 363546520904685
- **Soaking of Autologous Tendon Grafts in Vancomycin Before Implantation Does Not Lead to Tenocyte Cytotoxicity.** *The American journal of sports medicine*
Xiao, M. n., Leonardi, E. A., Sharpe, O. n., Sherman, S. L., Safran, M. R., Robinson, W. H., Abrams, G. D.
2020: 363546520951815
- **Significantly Lower Infection Risk For ACL Grafts Pre-Soaked in Vancomycin Compared to Un-Soaked Grafts: A Systematic Review and Meta-analysis.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Xiao, M. n., Sherman, S. L., Safran, M. R., Abrams, G. D.
2020
- **Administrative Databases Utilized for Sports Medicine Research Demonstrate Significant Differences in Underlying Patient Demographics and Resulting Surgical Trends.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Xiao, M. n., Donahue, J. n., Safran, M. R., Sherman, S. L., Abrams, G. D.
2020

- **Comparing Meniscectomy and Meniscal Repair: A Matched Cohort Analysis Utilizing a National Insurance Database.** *The American journal of sports medicine*
Sochacki, K. R., Varshneya, K. n., Calcei, J. G., Safran, M. R., Abrams, G. D., Donahue, J. n., Sherman, S. L.
2020; 363546520935453
- **Human Tendon-Derived Collagen Hydrogel Significantly Improves Biomechanical Properties of the Tendon-Bone Interface in a Chronic Rotator Cuff Injury Model** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Kaizawa, Y., Leyden, J., Behn, A. W., Tulu, U., Franklin, A., Wang, Z., Abrams, G., Chang, J., Fox, P. M.
2019; 44 (10)
- **Exogenous micro-RNA and antagomir modulate osteogenic gene expression in tenocytes** *EXPERIMENTAL CELL RESEARCH*
Xiao, M., Iglinski-Benjamin, K. C., Sharpe, O., Robinson, W. H., Abrams, G. D.
2019; 378 (2): 119–23
- **Augmentation of chronic rotator cuff healing using adipose-derived stem cell-seeded human tendon-derived hydrogel** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Kaizawa, Y., Franklin, A., Leyden, J., Behn, A. W., Tulu, U. S., Leon, D., Wang, Z., Abrams, G. D., Chang, J., Fox, P. M.
2019; 37 (4): 877–86
- **Exogenous Micro-RNA and Antagomir Modulate Osteogenic Gene Expression in Tenocytes.** *Experimental cell research*
Xiao, M., Iglinski-Benjamin, K. C., Sharpe, O., Robinson, W. H., Abrams, G. D.
2019
- **Augmentation of chronic rotator cuff healing using adipose-derived stem cell-seeded human tendon-derived hydrogel.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Kaizawa, Y., Franklin, A., Leyden, J., Behn, A. W., Tulu, U. S., Leon, D., Wang, Z., Abrams, G. D., Chang, J., Fox, P. M.
2019
- **Increased Prevalence of Concomitant Psychiatric Diagnoses Among Patients Undergoing Hip Arthroscopic Surgery** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Iglinski-Benjamin, K. C., Xiao, M., Safran, M. R., Abrams, G. D.
2019; 7 (1)
- **Human Tendon-Derived Collagen Hydrogel Significantly Improves Biomechanical Properties of the Tendon-Bone Interface in a Chronic Rotator Cuff Injury Model.** *The Journal of hand surgery*
Kaizawa, Y., Leyden, J., Behn, A. W., Tulu, U. S., Franklin, A., Wang, Z., Abrams, G., Chang, J., Fox, P. M.
2019
- **Increased reoperation rates among patients undergoing shoulder arthroscopy with concomitant biceps tenodesis.** *JSES open access*
Xiao, M. n., Abrams, G. D.
2019; 3 (4): 344–49
- **Patient Preferences for Shared Decision Making: Not All Decisions Should Be Shared.** *The Journal of the American Academy of Orthopaedic Surgeons*
E Lindsay, S. n., Alokozai, A. n., Eppler, S. L., Fox, P. n., Curtin, C. n., Gardner, M. n., Avedian, R. n., Palanca, A. n., Abrams, G. D., Cheng, I. n., Kamal, R. N.
2019
- **Increased Prevalence of Concomitant Psychiatric Diagnoses Among Patients Undergoing Hip Arthroscopic Surgery.** *Orthopaedic journal of sports medicine*
Iglinski-Benjamin, K. C., Xiao, M., Safran, M. R., Abrams, G. D.
2019; 7 (1): 2325967118822451
- **Surgeon Ability to Appropriately Address the Calcified Cartilage Layer: An In Vitro Study of Arthroscopic and Open Techniques.** *The American journal of sports medicine*
Yanke, A. B., Lee, A. S., Karas, V. n., Abrams, G. n., Riccio, M. L., Verma, N. N., Bach, B. R., Cole, B. J.
2019; 363546519859851
- **Effect of micro-RNA on tenocytes and tendon-related gene expression: A systematic review** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Dubin, J. A., Greenberg, D. R., Iglinski-Benjamin, K. C., Abrams, G. D.
2018; 36 (11): 2823–29
- **Effects of Vitamin D on Skeletal Muscle and Athletic Performance.** *The Journal of the American Academy of Orthopaedic Surgeons*
Abrams, G. D., Feldman, D., Safran, M. R.

- 2018; 26 (8): 278–85
- **Effects of Vitamin D on Skeletal Muscle and Athletic Performance** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Abrams, G. D., Feldman, D., Safran, M. R.
2018; 26 (8): 278–85
 - **Editorial Commentary: The Importance of Capsular Closure in Hip Arthroscopy: Is There a Limit to the Benefit?** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Abrams, G. D.
2018; 34 (3): 864–65
 - **Identification of differentially expressed micro-RNA in rotator cuff tendinopathy** *MLTJ-MUSCLES LIGAMENTS AND TENDONS JOURNAL*
Hall, K. E., Sarkissian, E. J., Sharpe, O., Robinson, W. H., Abrams, G. D.
2018; 8 (1): 8–14
 - **Editorial Commentary: Not Repairing the Hip Capsule After Arthroscopy - What Were We Thinking?** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Abrams, G. D.
2018; 34 (1): 319–20
 - **In Vitro Chondrotoxicity of Nonsteroidal Anti-inflammatory Drugs and Opioid Medications**
Abrams, G. D., Chang, W., Drago, J. L.
SAGE PUBLICATIONS INC.2017: 3345–50
 - **Diagnostic Accuracy of 3 Physical Examination Tests in the Assessment of Hip Microinstability** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Hoppe, D. J., Truntzer, J. N., Shapiro, L. M., Abrams, G. D., Safran, M. R.
2017; 5 (11)
 - **Diagnostic Accuracy of 3 Physical Examination Tests in the Assessment of Hip Microinstability.** *Orthopaedic journal of sports medicine*
Hoppe, D. J., Truntzer, J. N., Shapiro, L. M., Abrams, G. D., Safran, M. R.
2017; 5 (11): 2325967117740121
 - **Quality Measures in Orthopaedic Sports Medicine: A Systematic Review** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Abrams, G. D., Greenberg, D. R., Drago, J. L., Safran, M. R., Kamal, R. N.
2017; 33 (10): 1896–1910
 - **Hip arthroscopy in the United States: an update following coding changes in 2011** *JOURNAL OF HIP PRESERVATION SURGERY*
Truntzer, J. N., Shapiro, L. M., Hoppe, D. J., Abrams, G. D., Safran, M. R.
2017; 4 (3): 250–57
 - **Complication Rates for Hip Arthroscopy Are Underestimated: A Population-Based Study.** *Arthroscopy*
Truntzer, J. N., Hoppe, D. J., Shapiro, L. M., Abrams, G. D., Safran, M.
2017
 - **Decreased Synovial Inflammation in Atraumatic Hip Microinstability Compared With Femoroacetabular Impingement.** *Arthroscopy*
Abrams, G. D., Luria, A., Sampson, J., Madding, R. A., Robinson, W. H., Safran, M. R., Sokolove, J.
2017; 33 (3): 553-558
 - **Cytokines as a predictor of clinical response following hip arthroscopy: minimum 2-year follow-up.** *Journal of hip preservation surgery*
Shapiro, L. M., Safran, M. R., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Bellino, M. J., Scuderi, G. J., Abrams, G. D.
2016; 3 (3): 229-235
 - **Association of synovial inflammation and inflammatory mediators with glenohumeral rotator cuff pathology** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
Abrams, G. D., Luria, A., Carr, R. A., Rhodes, C., Robinson, W. H., Sokolove, J.
2016; 25 (6): 989-997
 - **SLAP Lesions: Trends in Treatment** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Erickson, B. J., Jain, A., Abrams, G. D., Nicholson, G. P., Cole, B. J., Romeo, A. A., Verma, N. N.
2016; 32 (6): 976-981

- **Rotator cuff tears after total shoulder arthroplasty in primary osteoarthritis: A systematic review** *INTERNATIONAL JOURNAL OF SHOULDER SURGERY*
Levy, D. M., Abrams, G. D., Harris, J. D., Bach, B. R., Nicholson, G. P., Romeo, A. A.
2016; 10 (2): 78-84
- **Portal Placement in Hip Arthroscopy Anatomic Considerations and Access to the Central, Peripheral, and Peritrochanteric Spaces** *HIP: AANA ADVANCED ARTHROSCOPIC SURGICAL TECHNIQUES*
Abrams, G. D., Harris, J. D., Safran, M. R., Byrd, J. W., Bedi, A., Stubbs, A. J.
2016: 103–12
- **Arthroscopic Reduction and Internal Fixation of an Inferior Glenoid Fracture With Scapular Extension (Ideberg V).** *Arthroscopy techniques*
Tuman, J. M., Bishop, J. A., Abrams, G. D.
2015; 4 (6): e869-72
- **Posterior Glenoid Wear in Total Shoulder Arthroplasty: Eccentric Anterior Reaming Is Superior to Posterior Augment** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Wang, T., Abrams, G. D., Behn, A. W., Lindsey, D., Giori, N., Cheung, E. V.
2015; 473 (12): 3928-3936
- **Extra-Articular Impingement: Ischiofemoral Impingement and Trochanteric-Pelvic** *OPERATIVE TECHNIQUES IN SPORTS MEDICINE*
Beckmann, J. T., Safran, M. R., Abrams, G. D.
2015; 23 (3): 184-189
- **Anterolateral Versus Medial Plating of Distal Extra-articular Tibia Fractures: A Biomechanical Model** *ORTHOPEDICS*
Pirolo, J. M., Behn, A. W., Abrams, G. D., Bishop, J. A.
2015; 38 (9): E760-E765
- **Biomechanical Evaluation of Capsulotomy, Capsulectomy, and Capsular Repair on Hip Rotation.** *Arthroscopy*
Abrams, G. D., Hart, M. A., Takami, K., Bayne, C. O., Kelly, B. T., Espinoza Orías, A. A., Nho, S. J.
2015; 31 (8): 1511-1517
- **Biomechanical Evaluation of Capsulotomy, Capsulectomy, and Capsular Repair on Hip Rotation** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Abrams, G. D., Hart, M. A., Takami, K., Bayne, C. O., Kelly, B. T., Orias, A. A., Nho, S. J.
2015; 31 (8): 1511-1517
- **Trends in primary and revision anterior cruciate ligament reconstruction among national basketball association team physicians.** *American journal of orthopedics (Belle Mead, N.J.)*
Mall, N. A., Abrams, G. D., Azar, F. M., Traina, S. M., Allen, A. A., Parker, R., Cole, B. J.
2014; 43 (6): 267-271
- **Survival and Reoperation Rates After Meniscal Allograft Transplantation: Analysis of Failures for 172 Consecutive Transplants at a Minimum 2-Year Follow-up.** *The American journal of sports medicine*
McCormick, F., Harris, J. D., Abrams, G. D., Hussey, K. E., Wilson, H., Frank, R., Gupta, A. K., Bach, B. R., Cole, B. J.
2014; 42 (4): 892-7
- **Fibronectin-aggrecan complex as a marker for cartilage degradation in non-arthritic hips.** *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*
Abrams, G. D., Safran, M. R., Shapiro, L. M., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Bellino, M. J., Scuderi, G. J.
2014; 22 (4): 768-773
- **Evidence of capsular defect following hip arthroscopy.** *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*
McCormick, F., Slikker, W., Harris, J. D., Gupta, A. K., Abrams, G. D., Frank, J., Bach, B. R., Nho, S. J.
2014; 22 (4): 902-5
- **Current status of evidence-based sports medicine.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
Harris, J. D., Cvetanovich, G., Erickson, B. J., Abrams, G. D., Chahal, J., Gupta, A. K., McCormick, F. M., Bach, B. R.
2014; 30 (3): 362-71
- **Rate of return to pitching and performance after tommy john surgery in major league baseball pitchers.** *American journal of sports medicine*
Erickson, B. J., Gupta, A. K., Harris, J. D., Bush-Joseph, C., Bach, B. R., Abrams, G. D., San Juan, A. M., Cole, B. J., Romeo, A. A.

2014; 42 (3): 536-543

- **What's New in Femoroacetabular Impingement Surgery: Will We Be Better in 2023?** *Sports health*
Gupta, A. K., Abrams, G. D., Nho, S. J.
2014; 6 (2): 162-170
- **Trends in the Surgical Treatment of Articular Cartilage Lesions in the United States: An Analysis of a Large Private-Payer Database Over a Period of 8 Years** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
McCormick, F., Harris, J. D., Abrams, G. D., Frank, R., Gupta, A., Hussey, K., Wilson, H., Bach, B., Cole, B.
2014; 30 (2): 222-226
- **Biomechanical analysis of three tennis serve types using a markerless system** *BRITISH JOURNAL OF SPORTS MEDICINE*
Abrams, G. D., Harris, A. H., Andriacchi, T. P., Safran, M. R.
2014; 48 (4)
- **Biomechanical analysis of three tennis serve types using a markerless system.** *British journal of sports medicine*
Abrams, G. D., Harris, A. H., Andriacchi, T. P., Safran, M. R.
2014; 48 (4): 339-342
- **Return to sport after ACL reconstruction.** *Orthopedics*
Harris, J. D., Abrams, G. D., Bach, B. R., Williams, D., Heidloff, D., Bush-Joseph, C. A., Verma, N. N., Forsythe, B., Cole, B. J.
2014; 37 (2): e103-8
- **Reverse total shoulder arthroplasty in patients of varying body mass index** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
Gupta, A. K., Chalmers, P. N., Rahman, Z., Bruce, B., Harris, J. D., McCormick, F., Abrams, G. D., Nicholson, G. P.
2014; 23 (1): 35-42
- **Functional Performance Testing After Anterior Cruciate Ligament Reconstruction: A Systematic Review.** *Orthopaedic journal of sports medicine*
Abrams, G. D., Harris, J. D., Gupta, A. K., McCormick, F. M., Bush-Joseph, C. A., Verma, N. N., Cole, B. J., Bach, B. R.
2014; 2 (1): 2325967113518305
- **Development of a Valid and Reliable Knee Articular Cartilage Condition-Specific Study Methodological Quality Score.** *Orthopaedic journal of sports medicine*
Harris, J. D., Erickson, B. J., Cvetanovich, G. L., Abrams, G. D., McCormick, F. M., Gupta, A. K., Verma, N. N., Bach, B. R., Cole, B. J.
2014; 2 (2): 2325967113512606
- **Cartilage Repair With or Without Meniscal Transplantation and Osteotomy for Lateral Compartment Chondral Defects of the Knee: Case Series With Minimum 2-Year Follow-up.** *Orthopaedic journal of sports medicine*
Harris, J. D., Hussey, K. n., Saltzman, B. M., McCormick, F. M., Wilson, H. n., Abrams, G. D., Cole, B. J.
2014; 2 (10): 2325967114551528
- **Arthroscopic Repair of Full-Thickness Rotator Cuff Tears With and Without Acromioplasty: Randomized Prospective Trial With 2-Year Follow-up.** *The American journal of sports medicine*
Abrams, G. D., Gupta, A. K., Hussey, K. E., Tetteh, E. S., Karas, V. n., Bach, B. R., Cole, B. J., Romeo, A. A., Verma, N. N.
2014
- **Platelet-rich Plasma for Articular Cartilage Repair** *SPORTS MEDICINE AND ARTHROSCOPY REVIEW*
Abrams, G. D., Frank, R. M., Fortier, L. A., Cole, B. J.
2013; 21 (4): 213-219
- **Return-to-Sport and Performance After Anterior Cruciate Ligament Reconstruction in National Basketball Association Players.** *Sports health*
Harris, J. D., Erickson, B. J., Bach, B. R., Abrams, G. D., Cvetanovich, G. L., Forsythe, B., McCormick, F. M., Gupta, A. K., Cole, B. J.
2013; 5 (6): 562-568
- **Return to Sport and Performance After Microfracture in the Knees of National Basketball Association Players** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Harris, J. D., Walton, D. M., Erickson, B. J., Verma, N. N., Abrams, G. D., Bush-Joseph, C. A., Bach, B. R., Cole, B. J.
2013; 1 (6): 2325967113512759
- **Trends in Meniscus Repair and Meniscectomy in the United States, 2005-2011** *AMERICAN JOURNAL OF SPORTS MEDICINE*
Abrams, G. D., Frank, R. M., Gupta, A. K., Harris, J. D., McCormick, F. M., Cole, B. J.

- 2013; 41 (10): 2333-2339
- **Authors' reply.** *Arthroscopy*
Harris, J. D., Gupta, A. K., Mall, N. A., Abrams, G. D., McCormick, F. M., Cole, B. J., Bach, B. R., Romeo, A. A., Verma, N. N.
2013; 29 (10): 1602-1603
 - **An assessment of the quality of rotator cuff randomized controlled trials: utilizing the Jadad score and CONSORT criteria** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
McCormick, F., Cvetanovich, G. L., Kim, J. M., Harris, J. D., Gupta, A. K., Abrams, G. D., Romeo, A. A., Provencher, C. D.
2013; 22 (9): 1180-1185
 - **Spontaneous Hip Labrum Regrowth After Initial Surgical D,bridement** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Abrams, G. D., Safran, M. R., Sadri, H.
2013; 471 (8): 2504-2508
 - **Topographic Analysis of the Glenoid and Proximal Medial Tibial Articular Surfaces A Search for the Ideal Match for Glenoid Resurfacing** *AMERICAN JOURNAL OF SPORTS MEDICINE*
Gupta, A. K., Forsythe, B., Lee, A. S., Harris, J. D., McCormick, F., Abrams, G. D., Verma, N. N., Romeo, A. A., Inoue, N., Cole, B. J.
2013; 41 (8): 1893-1899
 - **Biomechanical evaluation of a coracoclavicular and acromioclavicular ligament reconstruction technique utilizing a single continuous intramedullary free tendon graft.** *Journal of shoulder and elbow surgery*
Abrams, G. D., McGarry, M. H., Jain, N. S., Freehill, M. T., Shin, S., Cheung, E. V., Lee, T. Q., Safran, M. R.
2013; 22 (7): 979-985
 - **Methodologic Quality of Knee Articular Cartilage Studies** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Harris, J. D., Erickson, B. J., Abrams, G. D., Cvetanovich, G. L., McCormick, F. M., Gupta, A. K., Bach, B. R., Cole, B. J.
2013; 29 (7): 1243-U184
 - **Response to letter to editor regarding "Risk factors for development of heterotopic ossification of the elbow after fracture fixation".** *Journal of shoulder and elbow surgery*
Abrams, G. D., Bellino, M. J., Cheung, E. V.
2013; 22 (7)
 - **Return to sport following shoulder surgery in the elite pitcher: a systematic review.** *Sports health*
Harris, J. D., Frank, J. M., Jordan, M. A., Bush-Joseph, C. A., Romeo, A. A., Gupta, A. K., Abrams, G. D., McCormick, F. M., Bach, B. R.
2013; 5 (4): 367-376
 - **Long-Term Outcomes After Bankart Shoulder Stabilization** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Harris, J. D., Gupta, A. K., Mall, N. A., Abrams, G. D., McCormick, F. M., Cole, B. J., Bach, B. R., Romeo, A. A., Verma, N. N.
2013; 29 (5): 920-933
 - **Hyaluronic acid and platelet-rich plasma, intra-articular infiltration in the treatment of gonarthrosis: letter to the editor.** *American journal of sports medicine*
Abrams, G. D., Cole, B. J., Cerza, F., Carcangiu, A.
2013; 41 (5): NP27-?
 - **Complications and Reoperations During and After Hip Arthroscopy: A Systematic Review of 92 Studies and More Than 6,000 Patients** *ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY*
Harris, J. D., McCormick, F. M., Abrams, G. D., Gupta, A. K., Ellis, T. J., Bach, B. R., Bush-Joseph, C. A., Nho, S. J.
2013; 29 (3): 589-595
 - **The posterolateral portal: optimizing anchor placement and labral repair at the inferior glenoid.** *Arthroscopy techniques*
Cvetanovich, G. L., McCormick, F., Erickson, B. J., Gupta, A. K., Abrams, G. D., Harris, J. D., Romeo, A. A., Bach, B. R., Provencher, M. T.
2013; 2 (3): e201-4
 - **Treatment of a lateral tibial plateau osteochondritis dissecans lesion with subchondral injection of calcium phosphate.** *Arthroscopy techniques*
Abrams, G. D., Alentorn-Geli, E., Harris, J. D., Cole, B. J.
2013; 2 (3): e271-4
 - **Arthroscopic bony bankart fixation using a modified sugaya technique.** *Arthroscopy techniques*

- Gupta, A. K., McCormick, F. M., Abrams, G. D., Harris, J. D., Bach, B. R., Romeo, A. A., Verma, N. N.
2013; 2 (3): e251-5
- **Risk factors for development of heterotopic ossification of the elbow after fracture fixation** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
Abrams, G. D., Bellino, M. J., Cheung, E. V.
2012; 21 (11): 1550-1554
 - **Use of an Inflatable Pressure Bag Bump for Medial and Lateral Operative Approaches to the Lower Leg** *FOOT & ANKLE INTERNATIONAL*
Abrams, G. D., Bishop, J. A.
2012; 33 (9): 795-797
 - **Epidemiology of musculoskeletal injury in the tennis player** *BRITISH JOURNAL OF SPORTS MEDICINE*
Abrams, G. D., Renstrom, P. A., Safran, M. R.
2012; 46 (7): 492-498
 - **Surgical Technique: Methods for Removing a Compress (R) Compliant Prestress Implant** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Abrams, G. D., Gajendran, V. K., Mohler, D. G., Avedian, R. S.
2012; 470 (4): 1204-1212
 - **MRI and arthroscopy correlations of the elbow: a case-based approach.** *Instructional course lectures*
Abrams, G. D., Stoller, D. W., Safran, M. R.
2012; 61: 235-249
 - **Kinematics Differences Between the Flat, Kick, and Slice Serves Measured Using a Markerless Motion Capture Method** *ANNALS OF BIOMEDICAL ENGINEERING*
Sheets, A. L., Abrams, G. D., Corazza, S., Safran, M. R., Andriacchi, T. P.
2011; 39 (12): 3011-3020
 - **Musculoskeletal injuries in the tennis player** *MINERVA ORTOPEDICA E TRAUMATOLOGICA*
Abrams, G. D., Safran, M. R.
2011; 62 (4): 311-329
 - **Review of tennis serve motion analysis and the biomechanics of three serve types with implications for injury** *SPORTS BIOMECHANICS*
Abrams, G. D., Sheets, A. L., Andriacchi, T. P., Safran, M. R.
2011; 10 (4): 378-390
 - **Diagnosis and management of superior labrum anterior posterior lesions in overhead athletes** *BRITISH JOURNAL OF SPORTS MEDICINE*
Abrams, G. D., Safran, M. R.
2010; 44 (5): 311-318
 - **Muscle geometry affects accuracy of forearm volume determination by magnetic resonance imaging (MRI)** *JOURNAL OF BIOMECHANICS*
Eng, C. M., Abrams, G. D., Smallwood, L. R., Lieber, R. L., Ward, S. R.
2007; 40 (14): 3261-3266
 - **Pronator teres is an appropriate donor muscle for restoration of wrist and thumb extension.** *journal of hand surgery*
Abrams, G. D., Ward, S. R., Fridén, J., Lieber, R. L.
2005; 30 (5): 1068-1073
 - **Humeral Head Osteochondral Allograft Reconstruction with Arthroscopic Anterior Shoulder Stabilization at a Long-Term Follow-Up: A Case Report.** *JBJS case connector*
Sochacki, K. R., Dillingham, M. F., Abrams, G. D., Sherman, S. L., Donahue, J. n.
; 10 (2): e0555
 - **Deltopectoral Approach for Arthroplasty After Early Failed Proximal Humerus Fixation Via Deltoid Split Heals Uneventfully: A Case Report.** *JBJS case connector*
DeBaun, M. R., Goodnough, L. H., Gatewood, C. n., Gardner, M. J., Abrams, G. D.
; 10 (3): e2000148