

Dr. Jeremiah Johnson Publications & Presentations – August 2022**PEER REVIEWED PUBLICATIONS**

1. **Johnson JD**, Rozumaski A, Thomas AJ, Huyke FA, Schroder LK, Switzer JA. Three-Dimensional Gait Analysis in a Healthy Geriatric Cohort. *Journal of Orthopaedic Experience and Innovation*. Epub 2021 Nov 18. <https://journaloei.scholasticahq.com/article/29501-three-dimensional-gait-analysis-in-a-healthy-geriatric-cohort>
2. Baldino JB, Muench LN, Kia C, **Johnson JD**, Morikawa D, Dolan L, Landry A, Gordon-Hackshaw L, Bellas N, McCarthy MB, Cote MP, Mazzocca AD. Intraoperative and in vitro Classification of Sumbarcomial Bursal Tissue for Use in Biological Augmentation of Rotator Cuff Repair. *Arthroscopy*. 2020 March 25. [Accepted – Publication Pending]
3. Morikawa D, Muench LN, Baldino JB, Kia C, **Johnson JD**, Otto A, Pauzenberger L, Dyrna F, McCarthy MBR, Mazzocca AD. Comparison of Preparation Techniques for Isolating Subacromial Bursa-Derived Cells as a Potential Augment for Rotator Cuff Repair. *Arthroscopy*. 2020 Jan;36(1):80-85. doi: 10.1016/j.arthro.2019.07.024. Epub 2019 Nov 7. PubMed PMID: 31708351.
4. Morikawa D, Mazzocca AD, Obopilwe E, Cote MP, Kia C, **Johnson JD**, Imhoff FB, Scheiderer B. Reconstruction of the Acromioclavicular Ligament Complex Using Dermal Allograft: A Biomechanical Analysis. *Arthroscopy*. 2020 Jan;36(1):108-115. doi: 10.1016/j.arthro.2019.07.021. PubMed PMID: 31864562.
5. **Johnson JD**, Kia C, Morikawa D, Mehl J, Imhoff FB, Otto A, Muench L, Wolf M, Baldino JB, Xin X, McCarthy MB, Mazzocca AD. Histological and Biomechanical Evaluation of Biologic Adjuvants in a Murine Tendon-Bone Healing Model. *Muscle, Ligaments and Tendons Journal*. 2019; 9(4):494-505. doi: 10.32098/mltj.04.2019.03
6. Otto A, Baldino JB, DiCosmo AM, Coyner K, **Johnson JD**, Obopilwe E, Cote MP, Muench LN, Beitzel K, Scheiderer B, Imhoff AB, Mazzocca AD, Mehl J. Biomechanical Comparison of Anterograde and Retrograde Lesser Trochanter Avulsion Repair. *Orthop J Sports Med*. 2020 Jan 21;8(1):2325967119892281. doi: 10.1177/2325967119892281. PubMed PMID: 32010731
7. **Johnson JD**, Cheng C, Schmidtberg B, Cote M, Geaney LE. Assessment of Basic Ankle Arthroscopy Skills in Orthopedic Trainees. *Foot Ankle Int*. 2019 Dec 13;1071100719891418. doi: 10.1177/1071100719891418. [Epub ahead of print] PubMed PMID: 31833402.
8. Scheiderer B, Kia C, Obopilwe E, **Johnson JD**, Cote MP, Imhoff FB, Dyrna F, Beitzel K, Imhoff AB, Adams CR, Mazzocca AD, Morikawa D. Biomechanical Effect of Superior Capsule Reconstruction Using a 3-mm and 6-mm Thick Acellular Dermal Allograft in a Dynamic Shoulder Model. *Arthroscopy*. 2019 Nov 29. pii:S0749-8063(19)30726-1. doi: 10.1016/j.arthro.2019.08.026. [Epub ahead of print] PubMed PMID: 31791890.
9. Schmidtberg B, **Johnson JD**, Kia C, Obopilwe E, Cote M, Geaney LE. FHL Transfer Improves Achilles Load to Failure in Surgical Treatment for Non-Insertional Tendinopathy: A Biomechanical Study. *J Bone Joint Surg Am*. 2019 Aug 21;101(16):1505-1512. doi: 10.2106/JBJS.18.01338. PubMed PMID: 31436659.
10. Morikawa D, **Johnson JD**, Kia C, McCarthy MBR, Macken C, Bellas N, Baldino JB, Cote

MP, Mazzocca AD. Examining the Potency of Subacromial Bursal Cells as a Potential Augmentation for Rotator Cuff Healing: An In Vitro Study. *Arthroscopy*. 2019 Nov;35(11):2978-2988. doi: 10.1016/j.arthro.2019.05.024. Epub 2019 Oct 16. PubMed PMID: 31629585.

11. Scheiderer B, Imhoff FB, **Johnson JD**, Aglio J, Cote MP, Beitzel K, Imhoff AB, Arciero RA, Mazzocca AD, Morikawa D. Higher Critical Shoulder Angle and Acromion Index Are Associated With Increased Retear Risk After Isolated Supraspinatus Tendon Repair at Short-Term Follow Up. *Arthroscopy*. 2018 Oct;34(10):2748-2754. doi: 10.1016/j.arthro.2018.05.029. Epub 2018 Sep 6. PubMed PMID: 30195956.
12. Morikawa D, Dyrna F, Cote MP, **Johnson JD**, Obopilwe E, Imhoff FB, Beitzel K, Mazzocca AD, Scheiderer B. Repair of the entire superior acromioclavicular ligament complex best restores posterior translation and rotational stability. *Knee Surg Sports Traumatol Arthrosc*. 2018 Oct 10. doi: 10.1007/s00167-018-5205-y.[Epub ahead of print] PubMed PMID: 30306240.
13. **Johnson JD**, Edgar C. Operative Techniques in Sports Medicine Suprapectoral Biceps Tenodesis. *Operative Techniques in Sports Medicine*. 2018;26(2):91-99.
14. Wylie JD, **Johnson JD**, DiVenere J, Mazzocca AD. Shoulder Acromioclavicular and Coracoclavicular Ligament Injuries: Common Problems and Solutions. *Clin Sports Med*. 2018 Apr;37(2):197-207.
15. **Johnson JD**, Nessler JM, Horazdovsky RD, Vang S, Thomas AJ, Marston SB. Serum and wound vancomycin levels following intrawound administration in primary total joint arthroplasty. *Journal of Arthroplasty*. 2015 Oct.
16. **Johnson JD**, Horazdovsky RD, Hill B, Li M. Posterior migration of a pediatric coronoid fracture: case report. *JBJS Case Connector*. 2014 Aug.

BOOK CHAPTERS

1. Cerciello S, Dyrna F, Pauzenberger L, **Johnson JD**, Beitzel K, Mazzocca AD. Acromioclavicular Joint Injuries. In: Trail IA, Funk L, Rangan A, Nixon M, eds. *Textbook of Shoulder Surgery*. 1st ed. New York City, NY: Springer International Publishing; 2019. Doi 10.1007/978-3-319-70099-1_3
2. Joseph SM, Uyeki SM, **Johnson JD**, Divenere J, Mazzocca AD. A 18-year-old Male Thrower with Acromioclavicular Joint Injury. In: Kibler WB, Sciascia AD eds, *Mechanics, Pathomechanics and Injury in the Overhead Athlete*. 1st ed. New York City, NY: Springer Internal Publishing. Doi: 10.1007/978-3-030-12775-6_16.
3. **Johnson JD**, Brewer JB, Wolf JM. Carpometacarpal Osteoarthritis. In: Bhandari M ed, *Evidence- Based Orthopedics*. 2nd ed. London, United Kingdom: BMJ Books; [Accepted, publication pending]
4. **Johnson JD**, Pavano C, Rodner C. Dupuytren's Disease. In: Salgado AS, eds, *Essentials of Hand Surgery*. London, United Kingdom: InTechOpen Limited; 2018. doi:10.5772/intechopen.72759.

5. Wylie JD, **Johnson JD**, DiVenere J, Mazzocca AD. Shoulder Acromioclavicular and Coracoclavicular Ligament Injuries: Common Problems and Solutions. *Clin Sports Med*. 2018 Apr;37(2):197-207. doi: 10.1016/j.csm.2017.12.002. Review. PubMed PMID: 29525023.
6. **Johnson JD**, Cole PA. Treating glenoid fractures. In: Zuckerman JD, Oh L, Strauss E (Eds), *Clinical Decision Support: Shoulder and Elbow*. Wilmington, DE: Decision Support in Medicine. 2019, January 19.

POSTERS & PRESENTATIONS

1. **Johnson JD**, Okafor C, Mather C. Retrospective Review of Simultaneous versus Staged Hip Arthroscopy for the Treatment of Femoroacetabular Impingement. Presented at: Duke University Sports Medicine Research Day. 2022 June; Durham, NC
2. Taylor DC, **Johnson JD**, Tayne S. Leadership, Shoulder Instability, and Patient-Centered Care. Presented at: Steadman Phillipon Research Institute Grand Rounds. 2022 January 27; Vail, CO.
3. **Johnson JD**, Cheng C, Schmidtberg B, Cote M, Geaney LE. Assessment of Basic Ankle Arthroscopy Skills in Orthopedic Trainees. Presented at: University of Connecticut 13th Annual Musculoskeletal Research Day. 2020 March 13; Avon, CT
4. **Johnson JD**, Cheng C, Schmidtberg B, Cote MP, Geaney LE. Evaluating a Basic Ankle Arthroscopy Skills Scoring System to Assess Competency in Orthopaedic Trainees. Poster at: American Orthopaedic Foot and Ankle Society Annual Meeting. 2019 September 13; Chicago, IL.
5. **Johnson JD**, Parrino A. Suture Suspensionplasty Surgical Technique for the Treatment of Trapeziometacarpal Arthritis. Presented at: 74th Annual Meeting of the American Society for Surgery of the Hand. 2019 September 6; Las Vegas, NV.
6. **Johnson JD**, Morikawa M, Mehl J, Imhoff FB, McCarthy MB, Otto A, Obopilwe E, Ramji A, Rodriguez S, Mazzocca AD. An Analysis of Bone Marrow and Subacromial Bursa as Biological Adjuvants in a Murine Bone-Tendon Healing Model. Presented at: UConn Orthopaedic Surgery Graduation Research Symposium. 2018 June 15; Avon, CT. [Presenter]
7. Schmidtberg B, **Johnson JD**, Kia C, Obopilwe E, Cote, M, Geaney, LE. FHL Transfer Improves Achilles Load to Failure in Surgical Treatment of Non-Insertional Tendinopathy: a biomechanical study. Poster at: University of Connecticut 12th Annual Musculoskeletal Research Day. 2018 March 23; Avon, CT. [Presenter].
8. **Johnson JD**, Morikawa M, Mehl J, Imhoff FB, McCarthy MB, Otto A, Obopilwe E, Ramji A, Rodriguez S, Mazzocca AD. Biomechanical Analysis of Biological Augments in a Murine Bone- Tendon Healing Model. Poster at: University of Connecticut 12th Annual Musculoskeletal Research Day. 2018 March 23; Avon, CT. [Presenter]
9. **Johnson JD**, Schroder LK, Rozumaski A, Thomas AJ, Switzer JA. Three-Dimensional Gait Analysis in a Healthy Geriatric Cohort. Presented at: International Geriatric Fracture Society Annual Meeting. 2016 October 5; Washington, DC. [Presenter]

10. **Johnson JD**, Schroder LK, Rozumaski A, Thomas AJ, Switzer JA. Three-Dimensional Gait Analysis in a Healthy Geriatric Cohort. Poster at: Minnesota Orthopaedic Society Annual Meeting. 2015 May 14; Minneapolis, MN. [Presenter]
11. **Johnson JD**, Nessler JM, Horazdovsky RD, Vang S, Thomas AJ, Marston SB. Serum and wound vancomycin levels following intrawound administration in primary total joint arthroplasty. Presented at: Annual Pan-Pacific Orthopaedic Congress. 2015 July 23; Kona, Hawaii.
12. **Johnson JD**, Nessler JM, Horazdovsky RD, Vang S, Thomas AJ, Marston SB. Serum and wound vancomycin levels following intrawound administration in primary total joint arthroplasty. Presented at: Minnesota Orthopaedic Society Annual Meeting. 2014 May 16; Minneapolis, MN. [Presenter]
 - Award: Best Medical Student Presenter
13. **Johnson JD**, Horazdovsky RD, Marston SB. Primary total hip dislocation rates tend to decrease with an increasing femoral head size in femoral neck fracture patients. Presented at: Mid America Orthopaedic Association 2015 April 26; Hilton Head, SC. [Presenter]
14. **Johnson JD**, Horazdovsky RD, Marston SB. Primary total hip dislocation rates tend to decrease with an increasing femoral head size in femoral neck fracture patients. Presented at: Minnesota Orthopaedic Society Annual Meeting. 2014 May 16; Minneapolis, MN. [Presenter]
15. **Johnson JD**, Hyatt B. Xenopus laevis ABCA3 Gene Sequence and Expression in Lung Development. Presented at: Minnesota Academy of Science Winchell Undergraduate Research Symposium 2009, May 11; Saint Paul, MN. [Presenter].