

Vasili Karas, M.D., M.S.

Midwest Orthopaedics at RUSH
1611 W. Harrison St
Suite 300
Chicago IL, 60612

PRACTICE

Midwest Orthopaedics at RUSH Assistant Professor of Orthopaedic Surgery	2020-Present
Chicago Orthopaedics and Sports Medicine Department of Hip and Knee Replacement and Reconstruction	2018-2020

EDUCATION/TRAINING

Rush University Medical Center , Chicago, Illinois Fellowship: Adult Reconstruction	2017-2018
Duke University Medical Center , Durham, North Carolina Residency: Department of Orthopaedic Surgery Program Director: Brian Brigman, MD; Chairman: Benjamin A. Alman, MD	2012-2017
<i>Chief Editor</i> Duke Orthopaedic Journal	2015-2016
<i>Course Director</i> Anatomy of the Lower Extremity and Cadaveric Dissection Laboratory Duke University, Evolutionary Anthropology Undergraduate course 451L	2015
Principle Investigator Duke University Perioperative Committee on Patient Handoff and Safety Quality Improvement Trial	2016-2017
<i>Collaborator</i> Biomarkers and Joint Arthroplasty/Arthroscopy (BAJA) Research Group Co-collaborators: Virginia B. Kraus, MD; PhD, Michael P. Bolognesi, MD; Samuel S. Wellman, MD; Richard C. Mather III, MD, MBA	2014-2018
<i>Leadership Forum Scholar</i> American Orthopaedic Association - Chicago, IL	2014
<i>Resident Team Physician</i> Hillside High School Football, NCCU Eagles Football	2012–Present
Rush University Medical Center , Chicago, Illinois Degrees: Doctorate of Medicine, June 2012 Masters in Science, Anatomy and Cellular Biology, June 2012	2007-2012
<i>Research Fellow/Coordinator</i> Combined Departments of Orthopaedics, Anatomy and Cellular Biology PI: Brian Cole MD, MBA; Vincent M. Wang, PhD; Susan Chubinskaya, PhD	2010-2012
<i>Chief Editor</i> <i>The Orthopaedic Review</i> . Student organized monthly Orthopaedic Newsletter	2010-2012
<i>Community Service Coordinator</i> Hearts to Soles Program for orthopaedic foot and ankle care to homeless population, shoe collection and distribution	2009-2012
Loyola University , Chicago, Illinois Degree: Master of the Arts Major in Biological Sciences	2006-2007
University of Notre Dame , South Bend, Indiana Degree: Bachelor of Sciences Major in Science and Business Combined Program (Management Track) Minor in Science, Technology, and Values with an Emphasis on Healthcare Management	2002-2006
American Board of Orthopaedic Surgery Step I passed and board eligible: September 2017	

GRANTS AND DISTINCTIONS*Distinctions*

John M. Harrelson Chief Resident Teaching Award- Presented by resident peers annually to the chief resident with the greatest contribution to Orthopaedic training and education (April 2017)

American Academy of Hip and Knee Surgeons Health Policy Fellow 2018-2019

International Consensus Meeting on Periprosthetic Joint Infection: Delegate 2018

Grants: In Progress

Karas V (PI), Kraus VB, Bolognesi MP, Wellman SS, Mather RC. Synovial Fluid Biomarkers Across the Spectrum of Osteoarthritis in the Hip, Duke CTSI Translational Accelerator Research Funding, Duke Clinical and Translational Science Institute.

Grants: Fulfilled

Wang VM, **Karas V**, Chubinskaya S, Cole BJ. Musculoskeletal Transplant Foundation Young Investigator Grant (\$100,000). The use of a collagen I/III matrix for the Biologic repair of focal chondral defects in a glenohumeral shoulder model. (2011-2013)

Karas V, Sumner RD, Cole BJ, Wang V. National Institutes of Health (NIH) T-32 Institutional Research Training Grant in Anatomy and Cellular Biology (\$50,000). *EPIC-microCT* Evaluation of Glenoid Articular Cartilage in a Lapine Surgical Model. (2011-2012)

Karas V, Sumner RD, Chubinskaya S, Cole BJ. Alpha Omega Alpha Research Fellowship Grant (\$5,000). Preparation of chondral defects in cartilage repair procedures: Surgeon ability to remove or preserve the calcified cartilage layer (CCL). (2011-2012)

PUBLICATIONS*In-Progress*

1. **Karas V**, Bryan A, Calkins T, Nam D, DellaValle C. Total Knee Arthroplasty in Patients Less than 50 Years of Age: Long-Term Follow-up and Survivorship of Minimum 10 Years.
2. **Karas V**, Suleiman L, Culvern C, Berger RA. Patient Experience in Total Joint Arthroplasty: Same-Day versus Inpatient Status
3. **Karas V**, Angerame M, Li J, Dennis D, Levine BR. Interobserver Reliability and Intraobserver Reproducibility of the Anderson Orthopaedic Research Institute Classification System for Revision Knee Arthroplasty.
4. Bryan A, **Karas V**, Calkins T, Nam D, DellaValle C. Total Knee Arthroplasty in Patients Less than 50 Years of Age: Long-Term Follow-up and Survivorship of Minimum 10 Years.
5. **Karas V**, Hutyra C, Mather RC, Bolognesi MP, Wellman SS, Kraus VB. A Novel Extraction Technique for the Extraction and Analysis of Hip Synovial Fluid During Arthroscopy: Preliminary Analysis of Biomarkers in the Spectrum of Osteoarthritis.
6. Rutherford R, **Karas V**, Herschmiller T, Joyce M, Bolognesi MP, Wellman SS. Flash Sterilization and Component Reimplantation in an Articulating Antibiotic Spacer for the Treatment of Chronic Periprosthetic Knee Infection

Complete

1. **Karas V**, Baumgartner B, Bolognesi MP, Attarian D, Seyler TM. Pre-operative Patient Profile in Total Hip and Knee Arthroplasty Predictive of Increased Medicare Costs in Bundled Payment Model. *J Arthroplasty*. 2018 *e-pub ahead of print*.
2. Baumgartner B, **Karas V**, Bolognesi MP, Attarian D, Seyler TM. Inpatient Consults and Complications during Primary Total Joint Arthroplasty: Bundles Beware. *J Arthroplasty*. 2018 Apr;33(4):973-975.
3. **Karas V**, Nam D. Neutral Mechanical Alignment: Stickin' With the One that Brung Ya-Opposes. In Seminars in Arthroplasty 2018 Apr 13. WB Saunders.
4. Adams S, Cunningham D, **Karas V**, Easley M, DeOrio J, Nunley J. Do Patient Risk Factors Impact 90-Day Readmission after Total Ankle Arthroplasty?. *Foot & Ankle Orthopaedics*. 2017 Sep 11;2(3):2473011417S000016.

5. **Karas V**, Riboh JC, Garrigues GE. Arthroscopic Management of the Stiff Shoulder. *JBJS Rev.* 2016 Apr 5;4(4):e21-7. PubMed PMID: 27487426.
6. Cole BJ, **Karas V**, Hussey K, Pilz K, Fortier LA. Hyaluronic Acid versus Platelet Rich Plasma: A Double-Blind Randomized Controlled Trial Comparing Clinical Outcomes and Effects on Intra-articular Biology for the Treatment of Osteoarthritis. *American Journal of Sports Medicine.* 2017 Feb;45(2):339-346. PubMed PMID:28146403
7. Wang VM, **Karas V**, Lee AS, Yin Z, Van Thiel GS, et al. Assessment of glenoid chondral healing: comparison of microfracture to autologous matrix-induced chondrogenesis in a novel rabbit shoulder model. *J Shoulder Elbow Surg.* 2015 Nov;24(11):1789-800. PubMed PMID: 26238005.
8. Godin JA, **Karas V**, Visgauss JD, Garrett WE. Medial Patellofemoral Ligament Reconstruction Using a Femoral Loop Button Fixation Technique. *Arthrosc Tech.* 2015 Oct 26;4(5):e601-7. PubMed PMID: 26900561.
9. Millikan PD, **Karas V**, Wellman SS. Treatment of osteonecrosis of the femoral head with vascularized bone grafting. *Curr Rev Musculoskelet Med.* 2015 Sep;8(3):252-9. PubMed PMID: 26068178.
10. Federer AE, **Karas V**, Nho S, Coleman SH, Mather RC 3rd. Capsular Suspension Technique for Hip Arthroscopy. *Arthrosc Tech.* 2015 Jul 20;4(4):e317-22. PubMed PMID: 26759769.
11. **Karas V**, Sherman S, Hussey K, Baker C 3rd, Bach B Jr, et al. Allograft reconstruction for extensor mechanism injuries. *J Knee Surg.* 2014 Dec;27(6):489-96. PubMed PMID: 24585269.
12. Yanke AB, Chalmers PN, Frank RM, Friel NA, **Karas V**, et al. Clinical outcome of revision meniscal allograft transplantation: minimum 2-year follow-up. *Arthroscopy.* 2014 Dec;30(12):1602-8. PubMed PMID: 25174537.
13. Abrams GD, Gupta AK, Hussey KE, Tetteh ES, **Karas V**, et al. Arthroscopic Repair of Full-Thickness Rotator Cuff Tears With and Without Acromioplasty: Randomized Prospective Trial With 2-Year Follow-up. *Am J Sports Med.* 2014 Jun;42(6):1296-303. PubMed PMID: 24733157.
14. Sundman EA, Cole BJ, **Karas V**, Della Valle C, Tetreault MW, et al. The anti-inflammatory and matrix restorative mechanisms of platelet-rich plasma in osteoarthritis. *Am J Sports Med.* 2014 Jan;42(1):35-41. PubMed PMID: 24192391.
15. Dhawan A, Mather RC 3rd, **Karas V**, Ellman MB, Young BB, et al. An epidemiologic analysis of clinical practice guidelines for non-arthroplasty treatment of osteoarthritis of the knee. *Arthroscopy.* 2014 Jan;30(1):65-71. PubMed PMID: 24290788.
16. **Karas V**, Hussey K, Romeo AR, Verma N, Cole BJ, et al. Comparison of subjective and objective outcomes after rotator cuff repair. *Arthroscopy.* 2013 Nov;29(11):1755-61. PubMed PMID: 24071390.
17. Ghodadra N, Mall NA, **Karas V**, Grumet RC, Kirk S, et al. Articular and meniscal pathology associated with primary anterior cruciate ligament reconstruction. *J Knee Surg.* 2013 Jun;26(3):185-93. PubMed PMID: 23288741.
18. Chalmers PN, **Karas V**, Sherman SL, Cole BJ. Return to high-level sport after meniscal allograft transplantation. *Arthroscopy.* 2013 Mar;29(3):539-44. PubMed PMID: 23375179.
19. Slabaugh MA, Friel NA, **Karas V**, Romeo AA, Verma NN, et al. Interobserver and intraobserver reliability of the Goutallier classification using magnetic resonance imaging: proposal of a simplified classification system to increase reliability. *Am J Sports Med.* 2012 Aug;40(8):1728-34. PubMed PMID: 22753846.
20. Dhawan A, Ghodadra N, **Karas V**, Salata MJ, Cole BJ. Complications of bioabsorbable suture anchors in the shoulder. *Am J Sports Med.* 2012 Jun;40(6):1424-30. PubMed PMID: 21856927.
21. Boswell SG, Cole BJ, Sundman EA, **Karas V**, Fortier LA. Platelet-rich plasma: a milieu of bioactive factors. *Arthroscopy.* 2012 Mar;28(3):429-39. PubMed PMID: 22284405.
22. Farr J, Cole BJ, Sherman S, **Karas V**. Particulated articular cartilage: CAIS and DeNovo NT. *J Knee Surg.* 2012 Mar;25(1):23-9. PubMed PMID: 22624244.
23. **Karas V**, Ghodadra N, Kroin E, Cole BJ. Nontraditional modification to articular cartilage. *J Knee Surg.* 2012 Mar;25(1):31-6. PubMed PMID: 22624245.

24. **Karas V**, Cole BJ, Wang VM. Role of biomechanics in rotator cuff pathology: North American perspective. *Med Sport Sci.* 2012;57:18-26. PubMed PMID: 21986042.
25. **Karas V**, Wang VM, Dhawan A, Cole BJ. Biomechanical factors in rotator cuff pathology. *Sports Med Arthrosc.* 2011 Sep;19(3):202-6. PubMed PMID: 21822102.
26. Friel NA, **Karas V**, Slabaugh MA, Cole BJ. Outcomes of type II superior labrum, anterior to posterior (SLAP) repair: prospective evaluation at a minimum two-year follow-up. *J Shoulder Elbow Surg.* 2010 Sep;19(6):859-67. PubMed PMID: 20554453.