# Adam B. Yanke, M.D., Ph.D.

Address: 1611 West Harrison St., Suite 335 Chicago, IL 60612 Phone Number: 312-432-2559 Email: Adam.Yanke@RushOrtho.com Website: www.YankeMD.com

## **Education/Training**

Miami University	1998-2002
Oxford, OH	
Degree Earned: Bachelor of Science	
Major: Engineering Physics & Zoology	
Minor: Non-Linear Mathematics  Push Medical Callege	2002 2000
Rush Medical College	2003-2008
<ul><li>Chicago, IL</li><li>Degree Earned: MD</li></ul>	
Rush University Graduate College	2009-2018
Chicago, IL	2009-2016
<ul> <li>Degree Earned: Masters in Biochemistry</li> </ul>	
<ul> <li>Degree Lamed: Masters in Biochemistry</li> <li>Deferred Masters to continue work as a Doctorate</li> </ul>	
<ul> <li>Degree Earned: Doctor of Philosophy in Biochemistry</li> </ul>	
Rush University Medical Center: Orthopedic Residency	2009-2013
Chicago, IL	2009-2013
Training: Orthopedic Surgery	
Rush University Medical Center: Orthopedic Sports Medicine Fellowship	2013-2014
Chicago, IL	2010 2011
<b>5</b> ,	
Professional Experience	
Midwest Orthopedics at Rush: Orthopedic Surgeon – Division of Sports Medicine	
Midwest Of thopedics at Rush. Of thopedic 3di geon – Division of Sports Medicine	2014-present
	2014-present
Academic Positions	2014-present
	2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship	2014-present 2015-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery	2015-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center	2015-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member	2015-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center	2015-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair	2015-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency	2015-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member	2015-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member	2015-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency Instructor – Rush Medical College: Department of Orthopedic Surgery	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency Instructor – Rush Medical College: Department of Orthopedic Surgery  Medical Licensures	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present 2013-2018
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency Instructor – Rush Medical College: Department of Orthopedic Surgery  Medical Licensures  Board Certification	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present 2013-2018
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency Instructor – Rush Medical College: Department of Orthopedic Surgery  Medical Licensures  Board Certification Medical License for the State of Illinois	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present 2013-2018
Academic Positions  Director of Education – Rush University Sports Medicine Fellowship Assistant Professor – Rush Medial College: Department of Orthopedic Surgery Assistant Director – Rush Cartilage Restoration Center Clinical Competency Committee: Member  • Rush University Orthopedic Residency Education Committee: Chair  • Rush University Orthopedic Residency Residency Selection Committee: Member  • Rush University Orthopedic Residency Instructor – Rush Medical College: Department of Orthopedic Surgery  Medical Licensures  Board Certification	2015-present 2014-present 2014-present 2014-present 2014-present 2014-present 2013-2018

# **Professional Society Memberships**

International Patellofemoral Study Group: Candidate Member International Cartilage Repair Society: Member Arthroscopy Association of North America: Member American Orthopaedic Society for Sports Medicine: Member American Orthopaedic Association: Emerging Leaders Program Orthopedic Research Education Foundation: Member American Academy of Orthopedic Surgery: Member	2015-present 2013-present 2013-present 2013-present 2013-present 2008-present 2008-present
Honors and Awards	
<ul> <li>Grainger Pilot Study Funding Grant: \$10,000</li> <li>Principal Investigators: Hannah Lundberg PhD and Adam Yanke MD, PhD</li> <li>Title: Development of Patient-Specific Patellofemoral Finite Element Models</li> </ul>	2018
<ul> <li>AANA 2018 Patellofemoral Anatomy Research Excellence Award</li> <li>Forsythe B, Waterman BR, Zuke WA, Puzzitiello R, Agarwalla A, Cole BJ, Yanke AB. Isolated Medial Patellofemoral Ligament Repair vs.         Reconstruction: Rates and Risk Factors for Instability Recurrence in a     </li> </ul>	2018
Young, Active Population  AANA Research Grant Recipient: \$15,000  Christian DR, Hannon CP, Redondo ML, Cole BJ, Yanke AB. Sequential	2018
Sectioning of the Bundles of the Medial Patellofemoral Ligament OREF Resident Clinician Scientist Training Award Co-Investigator: \$19,000	2017
<ul> <li>The Influence of Amniotic Membrane and BMAC on Osteoarthritis</li> <li>YSOS Star Paper Award – International Cartilage Repair Society World Congress</li> <li>Riboh JC, Saltzman BM, Yanke AB, Fortier L, Cole BJ. Effect of Leukocyte Concentration on the Efficacy of Platelet-Rich-Plasma in the Treatment of Knee Osteoarthritis.</li> </ul>	2015
<ul> <li>Second Place Medical Student Research Award- Sigma Xi Research Forum</li> <li>Yanke AB, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N.         Glenoid Bone Loss: Three Dimensional MRI versus CT Reconstructions.</li> </ul>	2015
Best Research Project - Orthopedic Fellow Award Recipient  • 26 <sup>th</sup> Annual Rush University Thesis Day - Department of Orthopedic Surgery	2014
<ul> <li>AANA Research Grant Recipient: \$12,500</li> <li>Yanke AB, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N.         Glenoid Bone Loss: Three Dimensional MRI versus CT Reconstructions.</li> </ul>	2014
<ul> <li>Featured Poster Presentation: AANA Meeting, Hollywood, FL. May 1-3, 2014</li> <li>Yanke AB, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N.         Glenoid Bone Loss: Three Dimensional MRI versus CT Reconstructions.</li> </ul>	2014
AAOS Distinguished Volunteer Service Award: Award Winning Multimedia Presentation	2014
<ul> <li>Chalmers PN, Frank RM, Gupta AK, Yanke AB, Trenhaile SW, Romeo AA, Verma NN. All-Arthroscopic Patch Augmentation of A Massive Rotator Cuff Tear</li> </ul>	
<ul> <li>New Orleans, LA</li> <li>Best Research Project - Chief Resident Award Recipient</li> <li>25<sup>th</sup>Annual Rush University Thesis Day - Department of Orthopedic</li> </ul>	2013
Surgery AOA-OREF Resident Leadership Forum  • Washington, DC	2012
<ul> <li>Selected by attending staff at home institution, Rush University, for potential to become a future leader in the field of Orthopedic Surgery.</li> <li>Best Research Project - Undergraduate Resident Award Recipient</li> <li>24<sup>th</sup> Annual Rush University Thesis Day - Department of Orthopedic</li> </ul>	2012

Surgery Arnold P. Gold Foundation - Humanism Honor Society Inductee  • Rush University Medical Center	2008
<ul> <li>Elected by peers and attendings for displaying attitudes and behaviors that emanate from a deep sensitivity and respect for others, including full acceptance of all cultural and ethnic backgrounds. Further, humanism has been exemplified through compassionate, empathetic treatment of all persons while recognizing each one's needs and</li> </ul>	
autonomy.  Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship Recipient: \$5,000	2007
<ul> <li>Rush University Medical Center</li> <li>National award given to support the following research, in part:         Differences in supraspinatus tendon biomechanics, histology, and ultrastructure that may affect the quality of single vs. double row rotator     </li> </ul>	
cuff repair. Sigma Xi Travel Award Recipient	2007
<ul> <li>Rush University Medical Center</li> <li>Awarded for presentation of research at the 2007 Orthopedic Research Society in San Diego, CA</li> </ul>	
Dean's Research Fellowship Recipient  • Rush University Medical Center	2004
Improving rotator cuff repair: Histological evaluation of a reticulated polycarbonate polyurethane patch in a rat model	
Certificate of Achievement in Research in the Department of Physics  • Miami University	2002
Joseph A Culler Award in Physics Recipient	2002
Miami University Pi Mu Epsilon Inductee	2001
<ul><li>Miami University</li><li>Honorary National Mathematics Society</li></ul>	
Team Coverage Experience Head Team Physician: NBA-DL - Windy City Bulls: Chicago, IL Head Team Physician: CIF - Chicago Eagles: Chicago, IL Affiliated Team Physician: MLS - Chicago Fire: Chicago, IL Head Team Physician: Thornton Fractional North High School: Calumet City, IL Head Team Physician: Phillips High School: Chicago, IL Affiliated Team Physician Men's Professional Basketball - Chicago Bulls: Chicago, IL Affiliated Team Physician Men's Professional Baseball - Chicago White Sox: Chicago, IL Women's Division 1 College Basketball - DePaul Blue Demons: Chicago, IL Men's Division 1 College Basketball - DePaul Blue Demons: Chicago, IL Men's Division 1 College Soccer - DePaul Blue Demons: Chicago, IL Pre-Participation Physicals - Roosevelt University: Chicago, IL Men's Club Rugby - Chicago Riot: Chicago, IL Men's Professional Baseball - Chicago White Sox: Chicago, IL Women's Professional Football - Chicago Force: Team Physicals Chicago, IL Men's Varsity Football - Oak Park High School: Chicago, IL Pre-Participation Physicals - Oak Park High School: Chicago, IL Women's Professional Football - Chicago Force: Chicago, IL Men's Tier 1 Junior A Ice Hockey - Chicago Steel: Bensenville, IL	2016-Present 2016-2017 2015-Present 2014-Present 2014-2015 2013-Present 2013-Present 2013-Present 2013-Present 2013-Present 2014 2013-2014 2013-2014 2013-2014 2010-2011 2011, 2014 2011
Local and National Service	
Editor: Rush Orthopedic Journal AAOS OAK CPG Key Informant Panel	2018-present 2018-present

MOCA Committee Member AOSSM Research Committee Member AAOS Orthopaedic Basic Science Evaluation Committee Reviewer: The Journal of Knee Surgery ICRS Education and Meeting Committee: Member Reviewer: Cartilage (Official Journal of the ICRS) Question Writer: Arthroscopy Association of North America – Maintenance of Certification	2017-present 2017-2021 2016-2018 2015-present 2015-present 2014-present 2014
Associate Editor: Rush Orthopedics Journal Reviewer: American Journal of Sports Medicine Reviewer: Orthopedics Resident Editor: Rush Orthopedics Journal Resident Steering Committee Member  • Rush University Department of Orthopedics: Resident Representative	2014-present 2014-present 2013-present 2012-2013 2012-2013
American Academy of Orthopedic Surgeons Resident Liaison  • Rush University Department of Orthopedics	2011-2012
Accreditation Council for Graduate Medical Education	2011
Rush University: Resident Representative  Rush University Internal Residency Committee	2011
<ul> <li>Resident Class Representative</li> <li>"Wheels of Care" RSCIP Co-founder/Steering Committee Member</li> <li>Rush University Medical School</li> <li>Medical van clinic that I co-founded to establish free street care for the homeless and uninsured in Chicago. Through providing acute care and establishing ourselves among the community, we developed this program into a permanent clinic available to the medical students at Rush University.</li> </ul>	2004-2008
Orthopedic Interest Group President/Committee Member	2004-2008
<ul> <li>Rush University Medical School</li> <li>Carein' Connections Unlimited: Mission Trip to Acuna, Mexico</li> <li>Service trip to aid in establishing a new acute care medical clinic in the Mexican border town of Acuna.</li> </ul>	2007
Committee on Student Affairs Student Representative	2003-2006
Rush University Medical School     Anesthesia Chair Search Committee Member	2005-2006
<ul> <li>Rush University Medical School</li> <li>Henry Horner RCSIP Steering Committee Member</li> <li>Rush University Medical School</li> </ul>	2003-2005
<ul> <li>After-school tutoring program for the children of the Henry Horner neighborhood in Chicago, IL</li> <li>Himalayan Health Exchange Program</li> <li>Medical mission through Northern India and Tibet supplying medical care an supplies to local villages</li> </ul>	2004

#### **Invited Lectures / Moderation**

- 1. AOSSM Annual Meeting 2019: Patellofemoral Instability Instructional Course Lecture
- 2. AAOS Articular Cartilage Restoration: Current, Emerging, and Advanced Techniques Course, Chicago, IL, February 7-9, 2019: Invited Faculty and Lab Instructor
  - a. Osteoarticular Allografts: Everything You Need to Know to Help Your Patients
  - b. The Next Generation in Cell Based Scaffolds for Treating Focal Cartilage Defects with Vericel
- 3. AAOS/AOSSM/AANA Sports Medicine Course, Park City, UT, January 30-Februrary 3, 2019: Invited Lectures
  - a. PRP in 2019: Where, When, How: What is the BEST evidence
  - b. Using Orthobiologics in "Biologic Surgery"
  - c. Meniscal root tear in a 25 year old NBA player
  - d. Case Presentations: Articular Cartilage and Meniscal Deficiency

- e. Case Presentations: Patellofemoral Instability and Articular Cartilage Disease of the Patellofemoral Joint
- 4. Chicago Sports Medicine Symposium, Chicago, IL, September, 2018
  - a. Patellofemoral Case Panel: The Good, Bad, and the Ugly
  - b. MPFL Reconstruction: Anatomy, Technique and Outcomes
  - c. Patellofemoral Pain: What Can We Do?
  - d. Live Surgery: MPFL Reconstruction
- 5. AOSSM Annual Meeting 2018:
  - a. Invited Lecture MPFL: Is That All We Need?
  - b. Panel Discussion: Patellofemoral Case Review
  - c. Live Surgery: MPFL Reconstruction
- 6. AANA Annual Meeting 2018: Invited Lecture Knee Case Presentation: Root Repair is Best
- 7. Instructional Course Lecturer: AAOS Annual Meeting, New Orleans, LA, March 6-10, 2018:
  - a. Patient Reported Outcomes in Orthopedics-Why and How We Collect Them
  - b. The Four Most Common Types of Cartilage Damage You Will See in Practice- How We Treat Them and Why
  - c. Collaborative Research
  - d. Primary Anterior Cruciate Ligament Failure: How Do I Get It Right the Second Time!
- 8. AAOS Resident Arthroscopy Course: Co-Director, Rosemont, IL, September, 21-23, 2017
- 9. AANA Emerging Concepts in Patellofemoral Surgery: From Instability to Arthroplasty- Lab Instructor, Rosemont, IL, September 8-10, 2017: Faculty and Lab Instructor
- 10. AANA Advanced Decision Making and Treatment of Articular Cartilage and Meniscus Pathology in the Knee, Rosemont, IL, August 18-20, 2017: Faculty and Lab Instructor
- 11. Chicago Sports Medicine Symposium August, 2017: Chicago, IL Co-Chairman
  - a. Cartilage Restoration Center Special Section
  - b. Invited Lecture MPFL: Is That All We Need?
  - c. Panel Discussion: Patellofemoral Case Review
  - d. Panel Discussion: OCD Case Review
  - e. Panel Discussion: Tibiofemoral Cartilage Defect Case Review
  - f. Small Cartilage Defect Treatment Options
  - g. Live Surgery: MACI and ∏O
- 12. AOSSM Annual Meeting 2017
  - a. Invited Lecture: Posterior Instability Getting It Right
  - b. Instructional Course Lecturer Return to Play Criteria After ACL Reconstruction: From Basic Science to Clinical Outcome
- 13. Instructional Course Lecturer: AANA Annual Meeting, Denver, CO, May 18-20 2017: Innovative Techniques for Complex Meniscal Repair, Substitution, and Meniscal Allograft Transplantation Novel treatment options for meniscal substitution
- 14. Instructional Course Lecturer: AAOS Annual Meeting, San Diego, CA, March 14-17 2016:
  - a. Patient Reported Outcomes in Orthopedics-Why and How We Collect Them
  - b. The Four Most Common Types of Cartilage Damage You Will See in Practice- How We Treat Them and Why
  - c. Collaborative Research
  - d. Primary Anterior Cruciate Ligament Failure: How Do I Get It Right the Second Time!
- 15. 18<sup>th</sup> Annual AAOS/AOSSM Sports Medicine Course: Keeping Patients Active through Innovation and Contemporary Surgical Techniques – February 8-11, Steamboat, CO
  - a. Moderator: Cartilage Update
  - b. Management of Osteochondritis Dissecans
  - c. Technique Focus: Matrix Autologous Chondrocyte Implantation
  - d. Patellar Instability: Observer, Repair, Realign?
- 16. Chicago Sports Symposium 2016: Invited lecturer, Moderator, and Panelist, *August 5-7, 2016*, Chicago, IL
- 17. Lab Instructor: AOSSM Fellows Course July 30th Rosemont, IL
- 18. Case Discussion Panelist: AAOS Articular Cartilage Restoration: The Modern Frontier: Case Studies and O & A from the Faculty March 31st April 2nd, Rosemont, IL
- 19. AOSSM Specialty Day Invited Presenter: Surgical Decision Making: How Do We Measure Glenoid Bone Loss, *March 5, 2016,* Orlando, FL
- 20. Case Presentation: Articular Cartilage Disease and Meniscal Deficiency AAOS Round

- Table, March 4, 2016, Orlando, FL
- 21. Invited Grand Round Lecturer: West Suburban Hospital February 17, 2016, Oak Park, IL.
- 22. 17th Annual AAOS/AOSSM Sports Medicine Course: Keeping Patients Active through Innovation and Contemporary Surgical Techniques – January 27-31, Steamboat, CO
  - a. ACL Technique Update in 2016: Quadriceps Tendon
  - b. ACL Technique Update in 2016: Open Growth Plates
  - c. Moderator: Cartilage Update
  - d. Management of Osteochondritis Dissecans
  - e. Technique Focus: Autologous Chondrocyte Implantation
  - Patellar Instability (Lecture and Case Presentations)
- 23. Invited Presenter: Biologics and Rehabilitation Update IATA Meeting, November 8, 2015, Springfield, IL
- 24. Arthroscopy Association of North America Patellofemoral Masters Course 2015: Associate Master Instructor, September 11-13, 2015, Rosemont, IL
- 25. Chicago Sports Symposium 2015: Invited lecturer, Moderator, and Panelist, August 14-16, 2015, Chicago, IL
- 26. Moderator: Osteoarthritis Basic Science and Biomechanics ICRS World Congress, May 11, 2015, Chicago, IL
- 27. Case Presentation: Articular Cartilage Disease and Meniscal Deficiency AAOS Round Table, March 24, 2015, Las Vegas, NV
- 28. Invited Presenter: Cartilage Restoration Update GLATA Meeting, March 13, 2015, Wheeling, IL
- 29. Presenter: Surgical Management of Articular Cartilage Defects of the Knee AAOS ICL, March 24, 2015, Las Vegas, NV
- 30. Presenter: Arthroscopic Knot Tying Techniques: AAOS Fundamentals of Knee and Shoulder Arthroscopy for Residents - September 12-14th, Rosemont, IL
- 31. Presenter: Cartilage Restoration in the Traumatic Knee: Chicago Trauma Symposium -September 5-6th, 2014, Chicago, IL
- 32. Presenter: Knee Dislocations- Acute Care and Ligament Reconstructive Options: Chicago Trauma Symposium – September 5-6th, 2014, Chicago, IL

#### **Courses Attended**

International Patellofemoral Study Group Meeting  • Munich, Germany	2017
ORS/OREF/AAOS New Investigator Research Funding Workshop: Clinical,	2015
Translational, and Basic Science Research – May 13-14  • Jacksonville, FL	
International Patellofemoral Study Group Meeting	2015
• Chicago, IL	
2nd ICRS Summit 2015 - "The Aging Cartilage"	2014
Zermatt, Switzerland	
5th ICRS Laboratory Skills Course for Translational Science "Animal Models"  • Fort Collins, CO	2014
AAOS - Fundamentals of Knee and Shoulder Arthroscopy for Residents: Faculty	2014
Rosemont, IL	2017
Arthroscopy Association of North America Patellofemoral Masters Course	2013
Rosemont, IL	2015
Arthroscopy Association of North America Cartilage Masters Course	2013
Rosemont, IL	
AOSSM Sports Medicine Review Course	2013
Chicago, IL	
Pivot Medical Hip Arthroscopy Course attendee	2011
Chicago, IL	
American Academy of Orthopedic Surgery/Orthopedic Research and Education	
Foundation/Orthopedic Research Society Clinician Scholar Development	
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Program attendee

Rosemont, IL Arthroscopy Association of North America Masters Experience Surgical Skills 2010 Development Course: Shoulder Arthroscopy Attendee: Supported by "One-on-One" Scholarship care of Dr. Bernard Bach · Rosemont, IL American Orthopedic Foot and Ankle Society Resident Review Course Attendee 2010 · Rosemont, IL AO North America Hand and Wrist Fracture Management Workshop Attendee 2010 Chicago, IL Orthopedic Trauma Association: Resident Trauma course 2009 San Diego, CA Midwest Orthopedics at Rush University Arthroscopy Motor Skill Courses: knee, 2008-2014 shoulder, hip, elbow, and ankle (6 courses/year) Chicago, IL

#### **Invited Editorials and Honorarium**

## <u>Published</u>

1. Yanke AB, Cole BJ. (2014). Microfracture: dead or the future? *Orthopedics*, *37*(12), 798-800. doi:10.3928/01477447-20141124-02

#### **Peer-Reviewed Publications**

## In Press

### **Published**

- Yanke AB, Lee AS, Karas V, Abrams G, Riccio ML, Verma NN, Bach BR, Cole BJ. (2019). Surgeon Ability to Appropriately Address the Calcified Cartilage Layer: An In Vitro Study of Arthroscopic and Open Techniques. *The American Journal of Sports Medicine*, 47, 363546519859851. http://doi.org/10.1177/0363546519859851
- Chubinskaya S, Cotter EJ, Frank RM, Hakimiyan AA, Yanke AB, Cole BJ. (2019). Biologic Characteristics of Shoulder Articular Cartilage in Comparison to Knee and Ankle Articular Cartilage From Individual Donors. *Cartilage*, 43(11), 1947603519847740. http://doi.org/10.1177/1947603519847740
- Lansdown DA, Wang K, Yanke AB, Nicholson G, Cole BJ, Verma NN (2019). A Flat Anterior Glenoid Corresponds to Subcritical Glenoid Bone Loss. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International Arthroscopy Association. http://doi.org/10.1016/j.arthro.2018.12.034
- 4. Yanke AB, Konopka ML, Butty DC, Meyer MA, Cotter EJ, Espinoza AA, Cole BJ. (2018). Effect of Vertical or Beveled Chondral Defect Creation on Rim Deformation and Contact. *Cartilage*, 42, 1947603517752058. http://doi.org/10.1177/1947603517752058
- 5. Bogunovic L, Wetters NG, Jain A, Cole BJ, Yanke AB. (2019). In Vitro Analysis of Micronized Cartilage Stability in the Knee: Effect of Fibrin Level, Defect Size, and Defect Location. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International Arthroscopy Association. http://doi.org/10.1016/j.arthro.2018.11.017
- 6. Lansdown DA, Cvetanovich GL, Verma NN, Cole BJ, Bach BR, Nicholson G, Romeo A, Dawe R, Yanke AB. (2019). Automated 3-Dimensional Magnetic Resonance Imaging Allows for Accurate Evaluation of Glenoid Bone Loss Compared With 3-Dimensional Computed Tomography. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International

- Arthroscopy Association. http://doi.org/10.1016/j.arthro.2018.10.119
- Liu JN, Gowd AK, Redondo ML, Christian DR, Cabarcas BC, Yanke AB, & Cole BJ. (2019). Establishing Clinically Significant Outcomes After Meniscal Allograft Transplantation. Orthopaedic Journal of Sports Medicine, 7(1), 2325967118818462. http://doi.org/10.1177/2325967118818462
- 8. Hannon CP, Yanke AB, Farr J. (2018). Amniotic Tissue Modulation of Knee Pain-A Focus on Osteoarthritis. *The Journal of Knee Surgery*, (EFirst). http://doi.org/10.1055/s-0038-1676370
- 9. Gowd AK, Cvetanovich GL, Liu JN, Christian DD, Cabarcas BC, Redondo ML, Verma NN, Yanke AB, Cole BJ. (2018). Management of Chondral Lesions of the Knee: Analysis of Trends and Short-Term Complications Using the National Surgical Quality Improvement Program Database. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International Arthroscopy Association. http://doi.org/10.1016/j.arthro.2018.07.049
- Chahla J, Sweet MC, Okoroha KR, Nwachukwu BU, Hinckel B, Farr J, Yanke AB, Bugbee WD, Cole BJ. (2018). Osteochondral Allograft Transplantation in the Patellofemoral Joint: A Systematic Review. *The American Journal of Sports Medicine*, 19(3), 363546518814236. http://doi.org/10.1177/0363546518814236
- 11. Urita A, Cvetanovich GL, Madden BT, Verma NN, Inoue N, Cole BJ, Yanke AB. (2018). Topographic Matching of Osteochondral Allograft Transplantation Using Lateral Femoral Condyle for the Treatment of Medial Femoral Condyle Lesions: A Computer-Simulated Model Study. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International Arthroscopy Association, 34(11), 3033–3042. http://doi.org/10.1016/j.arthro.2018.05.039
- 12. Saltzman BM, Redondo ML, Beer A, Cotter EJ, Frank RM, Yanke AB, Cole BJ. (2018). Wide Variation in Methodology in Level I and II Studies on Cartilage Repair: A Systematic Review of Available Clinical Trials Comparing Patient Demographics, Treatment Means, and Outcomes Reporting. *Cartilage*, 30(6), 1947603518809398. http://doi.org/10.1177/1947603518809398
- 13. Lansdown DA, Wang K, Bernardoni E, Frank RM, Yanke AB, Cole BJ, Verma NN, Romeo AA. (2018). Variability in the Contour of Cadaveric Anterior and Posterior Glenoids Based on Ipsilateral 3-Dimensional Computed Tomography Reconstructions: Implications for Clinical Estimation of Bone Loss. Arthroscopy: the Journal of Arthroscopic & Related Surgery: Official Publication of the Arthroscopy Association of North America and the International Arthroscopy Association. http://doi.org/10.1016/j.arthro.2018.04.017
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#### **Non-Peer Reviewed Publications**

## In Press

## **Published**

- Erickson BJ, Yanke AB, Monson B, Romeo A (2015) The Effect of the Steroid Era on Major League Baseball Hitters: Did It Enhance Hitting?. J Sports Med Doping Stud 5: 161. doi:10.4172/2161-0673.1000161
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#### **Books & Book Chapters**

#### Submitted

1. Shin J, Sims L, Yanke AB. Chondrolysis: Risk Benefit Analysis of "Caine" Local Anesthetics for ACL Reconstruction. *The Anterior Cruciate Ligament: Reconstruction and Basic Science*, 2<sup>nd</sup> Edition

## Accepted: In Press

1. Yanke AB, Mellano C, Cole BJ. Chapter: CDS: SHOULDER and ELBOW (Oh, Strauss) The Evaluation and Management of Chondral Lesions Affecting the Glenohumeral Joint.

#### Published

- 1. Cole BJ, Yanke AB, Pepin SR, Farr J,. Bone Bridge Technique. In: Getgood, Spalding, Cole, Gersoff, and Verdonk: *Meniscal Allograft Transplantation: A Comprehensive Review.* DJO Publications, UK, pp 2015.
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- 3. Yanke AB, Levine B: Basic Science: Cartilage. In: Levine B (Ed): Acing the Boards. Slack Inc, 2015.
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- 6. Yanke AB, Lee S: Ankle Arthritis. In: Levine B (Ed): Acing the Boards. Slack Inc, 2015.
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#### **Abstracts and/or Proceedings**

- 1. AOSSM Boston
- 2. AAOS Specialty day
- 3. Hinckel B, Pratte E, Baumann C, Gowd A, Liu J, Farr J, Yanke AB, Sherman S. Patellofemoral Cartilage Restoration: A Systematic Review and Meta-Analysis of Clinical Outcomes. (*E-Poster:* ISAKOS May 12-16, 2019, Cancun, Mexico)
- 4. Lansdown DA, Dawe R, Cvetanovich GL, Verma NN, Cole BJ, Bach BR, Nicholson GP, Romeo AA, Yanke AB. Automated 3D MRI Allows for Accurate Evaluation of Glenoid Bone Loss as Compared to 3D CT. (*Podium Presentation*: AOSSM July 5-8, 2018, San Diego, CA)
- 5. Forsythe B, Waterman BR, Zuke WA, Puzzitiello R, Agarwalla A, Yanke AB, Cole BJ, Clinical Outcomes of Isolated Medial Patellofemoral Ligament Reconstruction in Patients with Patella Alta and Excessive Rotational Malalignment. (*Podium Presentation*: AANA April 26-28, 2018, Chicago, IL)
- 6. Wang KC, Waterman BR, Dean R, Cotter EJ, Manning B, Yanke AB, Cole BJ. The Influence of Physeal Status on Cartilage Survivorship After Screw Fixation for Osteochondritis Dissecans of the Knee. (*Podium Presentation*: AANA April 26-28, 2018, Chicago, IL)
- 7. Forsythe B, Waterman BR, Zuke WA, Puzzitiello R, Agarwalla A, Cole BJ, **Yanke AB**. Isolated Medial Patellofemoral Ligament Repair vs. Reconstruction: Rates and Risk Factors for Instability Recurrence in a Young, Active Population. (*Podium Presentation*: AANA April 26-28, 2018, Chicago, IL)
- 8. Saltzman BM, Cotter EJ, Wang KC, Rice R, Manning BT, Yanke AB, Forsythe B, Verma NN, Cole BJ. Arthroscopically-Repaired Bucket-Handle Meniscus Tears: Patient Demographics, Postoperative Outcomes, and a Comparison of Success and Failure Cases. (*Podium Presentation*: AAOS March 6-10, 2018, New Orleans)
- 9. Saltzman BM, Leroux TS, Meyer MA, Basques B, Chahal J, Bach BR, Yanke AB, Cole BJ. Do Intraarticular Normal Saline Injections have Therapeutic Benefits in Patients with Knee Osteoarthritis? A Meta-analysis of Level One Studies. (*Podium Presentation*: AAOS San Diego, CA March 14-17, 2017)
- 10. Saltzman BM, Meyer MA, Leroux TS, Gitelis M, Yanke AB, Cole BJ. The Influence of Preoperative Full-Thickness Chondral Defects on Outcomes Following Meniscal Allograft Transplantation.
  - a. Podium Presentation: AAOS San Diego, CA March 14-17, 2017
  - b. Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23
- 11. Saltzman BM, Meyer MA, Weber A, Poland S, Yanke AB, Cole BJ. Prospective Clinical and Radiographic Outcomes After Concomitant Anterior Cruciate Ligament Reconstruction and Meniscus Allograft Transplantation at a Minimum Two-years Follow Up. (Poster Presentation: AAOS San Diego, CA March 14-17)
- 12. Weber A, Locker P, Cvetanovich G, Erickson B, Yanke AB, Cole BJ. Prospective Clinical Outcomes Following Microfracture Surgery For Isolated And Multi-Site Defects: Mid-Term Follow-Up (Poster Presentation: AAOS San Diego, CA March 14-17)
- 13. Chubinskaya S, Meyer M, Urita A, Verma NN, Romeo AA, Yanke AB, Cole BJ. Unique Biology of Shoulder Cartilage in Comparison to the Cartilage Obtained from the Knee and Ankle Joints. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 14. Urita A, MD, Meyer MA, Madden BT, Chubinskaya S, Cole BJ, Yanke AB. Protective Effect of Normal Synovium on Damaged Cartilage.
  - a. Poster Presentation: AOSSM 2017 Annual Meeting in Toronto, Canada, July 20-23.
  - b. Poster Presentation: ORS 2017 Annual Meeting in San Diego, CA, March 19-22.
- 15. Urita A, Yanke AB, Meyer MA, Inoue N,Cole BJ. Medial and Lateral Distal Femoral Condyle Osseous and Articular Cartilage Topography to Determine Graft Matching. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 16. Weber A, Hannon CP, Meyer MA, Poland SG, Yanke AB, Cole BJ. Does Treatment of the Tibia Matter in Bipolar Chondral Defects of the Knee? Clinical Outcomes with Greater Than Two Years Follow-Up. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 17. Forsythe B, Zuke W, Go B, Yanke AB, Verma NN, Romeo AA. Randomized Prospective Analysis Of Arthroscopic Suprapectoral And Open Subpectoral Biceps Tenodesis: 1 Year Follow-Up.

- a. *Poster Presentation:* ISAKOS Congress Biennial Meeting 2017, Shanghai, China, June 4-8)
- b. Podium Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23
- 18. Saltzman BM, Meyer MA, Leroux TS, Gitelis ME, Debot M, Yanke AB, Cole BJ. The Influence of Preoperative Full-Thickness Chondral Defects on Outcomes Following Meniscal Allograft Transplantation. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 19. Urita A, Yanke AB, Meyer MA, Inoue N, Cole BJ. Medial and Lateral Distal Femoral Condyle Osseous and Articular Cartilage Topography to Determine Graft Matching. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 20. Cotter EJ, Wischmeier D, Frank RM, Yanke AB, Farr J, Cole BJ. Clinical Outcomes of Patellofemoral Osteochondral Allograft Transplantation: A Prospective Analysis. (Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23)
- 21. Weber A, Locker P, Cvetanovich G, Erickson B, Yanke AB, Cole BJ. Prospective Clinical Outcomes Following Microfracture Surgery For Isolated And Multi-Site Defects: Mid-Term Follow-Up (Poster Presentation: ISAKOS Congress Biennial Meeting 2017, Shanghai, China, June 4-8
- 22. Saltzman BM, Meyer MA, Weber A, Yanke AB, Cole BJ. Prospective Clinical and Radiographic Outcomes after Concomitant Anterior Cruciate Ligament Reconstruction and Meniscal Allograft Transplantation at a Minimum o2-Years Follow-Up. (Poster Presentation: AAOS annual meeting, San Diego, CA, March 14-18, 2017)
- 23. Campbell KA, Cvetanovich GL, Tilton AK, Smith M, Scalise N, Riboh JC, Cole BJ, Yanke AB. Autologous Cartilage Implantation Biopsy Patients: Fate of Patients that Do Not Undergo Implantation (AOA Poster Seattle WA June 22-25, 2016)
- 24. Bogunovic L, Wetters N, Jain A, Cole BJ, Yanke AB. In Vitro Analysis of BioCartilage Stability: Effect of Fibrin Level, Defect Size, and Defect Location (AANA E-Poster, Boston, MA)
- 25. Weber A, Meyer M, Griffin J, Poland S, Yanke AB, Cole B. Do Outcomes Differ Following Osteochondral Allografts (OCA) of the Knee for Osteochondritis Dissecans (OCD) Based on Patient Age? (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 26. Weber A, Hannon C, Gitelis M, Meyer M, Yanke AB, Cole B. Does Treatment of the Tibia Matter in Bipolar Cartilage Defects of the Knee? Clinical Outcomes with Greater Than Two-Year Follow-Up (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 27. Urita A, Meyer M, Hakimiyan A, Chubinskaya S, Cole B, Yanke AB. Recovery Effect of Normal Synovium in Response to Damaged Cartilage (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 28. Chubinskaya S, Urita A, Meyer M, Hakimiyan A, Rappoport L, Margulis A, Yanke AB, Verma N, Romeo A, Cole B. Biological characteristics of human glenohumeral joint (GHJ) cartilage in comparison to the knee and ankle joints (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 29. Urita A, Yanke AB, Meyer M, Inoue N, Cole B. Basic Science of Cartilage Repair Technology II (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 30. Weber A, Locker P, Tilton A, Cvetanovich G, Erickson B, Yanke AB, Cole B. Clinical Reseach: Osteochondral Repair & Biomaterials (Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 31. Saltzman B, Meyer M, Leroux T, Gitelis M, Debot M, Yanke AB, Cole B. The Influence of Pre-Operative Full-Thickness Chondral Defects on Outcomes Following Meniscal Allograft Transplantation.
  - a. Podium Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016
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- 32. Urita A, Yanke AB, Meyer M, Inoue N, Cole B. Medial and Lateral Distal Femoral Condyle Osseous and Articular Cartilage Topography to Determine Graft Matching (Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 33. Weber A, Locker P, Cvetanovich G, Tilton A, Gitelis M, Erickson B, Yanke AB, Cole B. Prospective Clinical Outcomes Following Microfracture Surgery For Isolated and Multi-Site Defects: Mid-Term Follow-Up (Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 34. Saltzman B, Meyer M, Weber A, Poland S, Yanke AB, Cole B. Concomitant Anterior Cruciate Ligament Reconstruction and Meniscus Allograft Transplantation: Outcomes at Minimum Two-Year Follow-up.

- a. Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016
- b. Poster Presentation: AAOS Meeting 2016.
- 35. Tetreault M, Bitterman A, Urita A, Yanke AB, Lee S. Second Look and Histological Analysis after using DeNovo for Talar Osteochondral Lesion (Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 36. McCarthy M, Meyer M, Weber A, Levy D, Tilton A, Yanke AB, Cole B. Can Competitive Athletes Sustain High-Level Play Following Osteochondral Allograft of the Knee? A Clinical Study with Five-YearFollow-up
  - a. Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016
  - b. Poster Presentation: AOSSM Meeting 2017, Toronto, Canada, July 20-23
- 37. Meyer M, Leroux T, Levy D, Tilton A, Lewis P, Yanke AB, Cole B. Flexion Posteroanterior Radiographs Impact both Enrollment for and Outcomes Following Injection Therapy for Knee Osteoarthritis (Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 38. Meyer M, McCarthy M, Urita A, Poland S, Gitelis M, Chubinskaya S, Yanke AB, Cole B. Effectiveness of Lavage Techniques in Removing Immunogenic Elements from Osteochondral Allografts (Poster Presentation: ICRS Meeting, Sorrento, Italy, September 24-27, 2016)
- 39. Saltzman B, Leroux T, Meyer M, Basques B, Chahal J, Yanke AB, Cole B, Bach B. Do Intra-Articular Normal Saline Injections have Therapeutic Benefits in Patients with Knee Osteoarthritis? A Meta-Analysis of Level One Studies (Podium Presentation: AAOS Meeting 2016)
- 40. Frank RM, Verma NN, Bach BR Jr, Bush-Joseph CB, Yanke AB, Cole BJ. Knee Preservation with Osteotomy. (AAOS Annual Meeting Orthopaedic Video Theatre. Orlando, FL. March 1-5, 2016)
- 41. Frank RM, Mellano C, Shin JJ, Feldheim TF, Mascarenhas R, Yanke AB, Bach BR Jr, Cole BJ, Nicholson GP, Romeo AA, Verma NN. Clinical Outcomes Following Revision Anterior Shoulder Stabilization: Arthroscopic Revision Stabilization versus Latarjet. (*Podium:* ASES 2016 Specialty Day. March 5, 2016. Orlando, FL)
- 42. Yanke AB, Frank RM, Shin J, Van Thiel G, Verma NN, Cole BJ, Romeo A, Provencher MT. Characterization Of Posterior Glenoid Bone Loss. (*E-Poster*: ISAKOS Congress, Lyon, France, June 7-11, 2015)
- 43. Yanke AB, Frank RM, Shin J, Van Thiel J, Verma NN, Cole BJ, Romeo AA, Provencher M. Characterication of Posterior Bone Loss. (Poster Presentation: AANA meeting, April 23-25, 2015, Los Angeles, CA)
- 44. Riboh JC, Saltzman BM, Yanke AB, Fortier L, Cole BJ. Effect of Leukocyte Content on the Efficacy and Safety of Platelet Rich Plasma in the Treatment of Knee Osteoarthritis: A Network Meta Analysis. (*Podium Presentation:* ICRS Meeting, Chicago, IL, May 8-11, 2015)
- 45. Riboh JC, Cvetanovich GL, Cole BJ, Yanke AB. Evidence-Based Decision Making in Knee Cartilage Restoration: Results of a Comprehensive Network Meta-Analysis and Meta-Regression (*Podium Presentation:* ICRS Meeting, Chicago, IL, May 8-11, 2015)
- 46. Saltzman BM, Riboh JC, Cole BJ, Yanke AB. Humeral Head Reconstruction with Osteochondral Allograft Transplantation: A Systematic Review. (*Poster Presentation:* ICRS Meeting, Chicago, IL, May 8-11, 2015)
- 47. Khair M, Cvetanovich GL, Tilton AK, Yanke AB, Cole BJ, Verma NN. Medial Versus Lateral Distal Femoral Condyle Osteochondral Allograft Topography Matching: Articular Cartilage Thickness (*Poster Presentation:* ICRS Meeting, Chicago, IL, May 8-11, 2015)
- 48. Riff A, Yanke AB, Tilton AK, Cole BJ. Outcomes of Osteochondral Allograft to the Femoral Condyle following Failed Microfracture (*Poster Presentation:* ICRS Meeting, Chicago, IL, May 8-11, 2015)
- 49. Riff A, Shin J, Yanke AB, Cole BJ. Midterm Results of Osteochondral Allograft Transplantation to the Humeral Head.
  - a. Podium Presentation: ICRS Meeting, Chicago, IL, May 8-11, 2015
  - b. Podium Presentation: AAOS Meeting, Las Vegas, NV, March 24-28, 2015
- 50. Riff A, Shin J, Yanke AB, Cole BJ. Outcomes of Autologous Chondrocyte Implantation following Failed Microfracture.
  - a. Poster Presentation: ICRS Meeting, Chicago, IL, May 8-11, 2015
  - b. Poster Presentation: AAOS Meeting, Las Vegas, NV, March 24-28, 2015

- 51. Haro M, Yanke AB, Cole BJ. Topographic Analysis of the Capitellum and Distal Femoral Condyle: Ideal Match for Treating Capitellum OCD. (*Poster Presentation:* AAOS Meeting, Las Vegas, NV, March 24-28, 2015)
- 52. Cvetanovich GL, Erickson BJ, Waliullah K, Yanke AB, Gross CE, Stover G, Cole BJ, Bach Jr. BR, Sherman S. Scientific Exhibit: Two Stage Revision ACL Reconstruction: Indications, Techniques, and Outcomes. (*Scientific Exhibit:* AAOS Meeting, Las Vegas, NV, March 24-28, 2015)
- 53. Sershon B, Yanke AB, Shin J, Bach BR, Cole BJ, Romeo AA, Verma NN. Validation of the Glenoid Ratio Method for Measuring Glenoid Bone Loss: Controlled Cadaveric Experiment. (*Poster Presentation:* AAOS Meeting, Las Vegas, NV, March 24-28, 2015)
- 54. Yanke AB, Shin J, Cvetanovich G, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. Glenoid Bone Loss: Three Dimensional MRI versus CT Reconstructions.
  - a. Podium Presentation: AAOS Meeting, Las Vegas, NV, March 24-28, 2015
  - Podium Presentation: AOA/COA Combined Meeting Montreal, QC, Canada, June 18-21, 2014
  - c. Featured Poster Presentation: AANA Meeting, Hollywood, FL. May 1-3, 2014
- 55. Chalmers PN, Yanke AB, Frank R, Friel N, Karas V, Cole BJ. Clinical Outcome of Revision Meniscal Allograft Transplantation: Minimum 2-Year Follow-up. (*Poster Presentation*: AOSSM Meeting, Seattle, WA. July 9-13, 2014)
- 56. Yanke AB, Butty D, Konopka M, Cole BJ. Vertical Versus Beveled Walls in Full-Thickness Articular Cartilage Defects Should We Be Creating Vertical Walls? *ePoster Presentation:* AANA Meeting, Hollywood, FL. May 1-3, 2014
- 57. Yanke AB, Stanley R, Walton D, Espinosa Orias A, Inoue N, Nho S. Gender Differences in Patients with Femoroacetabular Impingement: 3-D Quantification.
  - a. ePoster Presentation: AANA Meeting, Hollywood, FL. May 1-3, 2014
  - b. *Poster Presentation*: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany
- 58. Yanke AB, Stanley R, Walton D, Hellman M, Espinosa Orias A, Inoue N, Nho SJ. Correlation of a Novel 3-D Quantification of Cam Lesions with the Alpha Angle.
  - a. ePoster Presentation: AANA Meeting, Hollywood, FL. May 1-3, 2014
  - b. *Poster Presentation*: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany
- 59. Yanke AB, Cvetanovich G, Shin J, Forsythe B, Cole BJ, Bach BR Jr., Inoue N, Verma N. Varied Graft Sources for Distal Femoral Condyle Osteochondral Allografts (Podium Presentation: AANA Meeting, Hollywood, FL. May 1-3, 2014)
- 60. Frank R, Yanke AB, Chalmers PN, Friel N, Karas V, Cole BJ. Clinical Outcome of Revision Meniscal Allograft Transplantation: Minimum 2-Year Follow-up. (*Podium Presentation*: AANA Meeting, Hollywood, FL. May 1-3, 2014)
- 61. Yanke AB, Bell RL, Lee AS, Shewman E, Wang VM, Bach BR. Bone-Patellar Tendon-Bone Allograft Biomechanics: Region and Irradiation. (*Scientific Exhibit:* AAOS, March, 2014, New Orleans, LA)
- 62. Harris JD, Yanke AB, Hussey K, Wilson H, Espinosa-Orias A, Stanley R, Rames R, Cole BJ. Vertical Versus Beveled Walls in Full-Thickness Articular Cartilage Defects Should We Be Creating Vertical Walls? *Podium Presentation:* International Cartilage Repair Society, September 15-18, 2013, Izmir, Turkey
- 63. Frank RM, Chalmers PN, Gupta AK, Yanke AB, Trenhaile SW, Romeo AA, Verma NN. Advances in the Management of Massive Rotator Cuff Tears: All-Arthroscopic Patch Augmentation (*Scientific Exhibit:* AAOS, New Orleans, LA (March, 2014)
- 64. Chalmers PN, Frank RM, Gupta AK, Yanke AB, Trenhaile SW, Romeo AA, Verma NN. All-Arthroscopic Patch Augmentation of A Massive Rotator Cuff Tear (*Award Recipient and Featured Multimedia Presentation:* AAOS, New Orleans, LA (March, 2014)
- 65. Cvetanovich GL, Chalmers PN, Yanke AB, Gupta AK, Klosterman EL, Verma NN, Romeo AA. Feasibility of an Osteochondral Allograft for Biologic Glenoid Resurfacing.
  - a. Poster presentation: ICRS, September, 2013, Izimir, Turkey
  - b. Podium Presentation: AAOS, March, 2014, New Orleans, LA
- 66. McCormick FM, Thomas J, Yanke AB, Salata MJ, Bedi A, Philippon MJ, Nho SJ. Labral reconstruction with liiotibial Band (ITB) autograft normalizes hip contact pressure after

- antero-superior labral resection: an in-vitro biomechanical analysis. (*Poster Presentation*: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany)
- 67. Yanke AB, Hakimiyan A, Chubinskaya S. Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Norman and Interleukin-1-treated Articular Chondrocytes. (*Podium Presentation:* ORS/OREF Midwest Resident Research Symposium, May 17, 2013, Chicago, IL)
- 68. Karas V, Lee A, Yanke AB, Abrams G, Riccio ML, Verma NN, Bach BR, Bush-Joseph C, Nho SJ, Verma N, Cole BJ. Preparation of Chondral Defects in Cartilage Repair Procedures: Surgeon Ability to Remove or Preserve the Calcified Cartilage Layer (CCL)
  - a. ePoster Presentation: AANA Annual Meeting, April 25-27, 2013, San Antonio, Texas
  - b. *Special Emphasis Poster Presentation:* American Orthopaedic Association Meeting, June 11-15, 2013, Denver, Colorado
  - Podium Presentation: International Cartilage Repair Society, September 15-18, 2013, Izmir, Turkey
  - d. Poster Presentation: AOSSM, Baltimore, MD, July 12-15, 2012
- 69. Chalmers PN, Cvetanovich G, Yanke AB, Gupta A, Verma NN, Romeo AA. Measurement of Glenoid Depth: feasibility of osteoarticular glenoid grafts based on location. (*ePoster Presentation:* AANA Annual Meeting, April 25-27, 2013, San Antonio, Texas)
- 70. Yanke AB, Chalmers PN, Verma NN, Romeo AA. Biceps Tenodesis: Open Subpectoral and Arthroscopic Technique (*Featured Multimedia Presentation:* AAOS, Chicago, IL, March, 2013)
- 71. Bell R, Yanke AB, Lee A, Kang RW, Mather R, Shewman E, Wang VW, Bach BR. Comparison of Regional Biomechanical and BMD Properties Within Human Patellar Tendon Allografts and Effect of Low-Dose Irradiation (*Poster Presentation:* ORS, San Francisco, CA, February, 2012)
- 72. McDonald LS, Waltz RA, Yanke AB, Dewing CB, Provencher MT. Posterior Shoulder Instability: Diagnosis and Treatment for a Painful Secret. (*Scientific Exhibit:* AAOS, San Francisco, CA 2012)
- 73. Bhatia S, Yanke AB, Ghodadra N, Sherman S, Romeo A, Verma N. Arthroscopic Suprascapular Nerve Decompression: Etiology, Diagnosis, and Surgical Technique (Featured Multimedia Presentation: AAOS, San Francisco, CA, February, 2012)
- 74. Chalmers P, Yanke AB, Sherman S, Karas V, Cole BJ. Combined Realignment and Cartilage Restoration for a Patellar Chondral Lesion (*Featured Multimedia Presentation:* AAOS, San Francisco, CA, February, 2012)
- 75. Yanke AB, Stanley R, Kim H, Kang RW, Espinosa Orias A, Inoue N, Bush-Joseph C, Bach BR, Nho S. Novel 3-D Quantification And Classification Of Cam Lesions In Patients With Femoroacetabular Impingement
  - a. Podium Presentation: AAOS, San Francisco, CA, February, 2012
  - b. Podium Presentation: ISHA, Paris, France, October 15, 2011
- 76. Yanke AB, Van Thiel GS, LeClere LE, Solomon DJ, Provencher MT. Posterior Shoulder Instability (*Featured Multimedia Presentation:* AAOS, San Diego, CA, February 15-19, 2011)
- 77. Wang VM, Wang F, McNickle AG, Friel NA, Yanke AB, Chubinskaya S, Romeo AA, Verma NN, Cole BJ. Medial Versus Lateral Supraspinatus Tendon Properties: Implications for Double-RowRotatorCuffRepair(*PodiumPresentation:* AOSSM, Keystone, CO, July 9-12, 2009)
- 78. Koyonos L, Yanke AB, McNickle AG, Kirk SS, Kang RW, Lewis PB, Cole BJ. A Randomized, Prospective, Double-Blind Study to Investigate the Effectiveness of Adding DepoMedrol to a Local Anesthetic Injection in Postmeniscectomy Patients With Osteoarthritis of the Knee. Eastern Orthopaedic Association 40th Annual Meeting, June 17-20, 2009 The Atlantis Resort, Paradise Island, Bahamas
- 79. Koyonos L, Yanke AB, McNickle AG, Kirk SS, Kang RW, Lewis PB, Cole BJ. A Randomized, Prospective, Double-Blind Study to Investigate the Effectiveness of Adding DepoMedrol to a Local Anesthetic Injection in Postmeniscectomy Patients With Osteoarthritis of the Knee. Orthopaedic Research & Education Foundation Greater Philadelphia Area Resident Research Competition and Symposium, May 9, 2009, Thomas Jefferson University, Philadelphia, PA
- 80. Wang VM, Wang F, McNickle AG, Friel NA, Yanke AB, Chubinskaya S, Romeo AA, Verma NN, Cole BJ. Medial Versus Lateral Supraspinatus Tendon Properties: Implications for Double-Row Rotator Cuff Repair (Orthopedic Research Society, Las Vegas, NV, Feb. 22-25,

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- 81. Koyonos L, Yanke AB, McNickle AG, Kirk SS, Kang RW, Lewis PB, Cole BJ. A Randomized, Prospective, Double-Blind Study to Investigate the Effectiveness of Adding DepoMedrol to a Local Anesthetic Injection in Postmeniscectomy Patients With Osteoarthritis of the Knee. (Podium Presentation: American Academy of Orthopedic Surgeons, Las Vegas, NV, 2009)
- 82. Kokebie R, Yanke AB, Hakimiyan A, Michalska M, Rueger DC, Block JA, and Chubinskaya S. Analysis of Synovial Fluid Biomarkers in Patients with Rheumatoid Arthritis, Osteoarthritis, and Normal Donors. Submitted to ACR 2008 and (OARSI Montreal, Quebec, September 10-13, 2009) OARSI 2008
- 83. Yanke AB, Rueger DC, Hakimiyan A, Chubinskaya S. Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Normal and Interleukin-1β-Treated Articular Chondrocytes. (*Podium Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 23, 2008)
- 84. Cole BJ, McKnickle AG, L'Heureux DR, Kirk SS, Yanke AB: Autologous Chondrocyte Implantation: Functional and Symptomatic Outcomes Beyond Two Years. 27<sup>th</sup> Annual Arthroscopy Association of North America, Washington, DC, April 25, 2008, Abstract Book Page 20.
- 85. McNickle A, L'Heureux D, Kirk SS, Yanke AB, Cole BJ. Autologous Chondrocyte Implantation: Functional and Symptomatic Outcomes Beyond Two Years. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 23, 2008)
- 86. Koyonos L, Yanke AB, Kang RW, Cole BJ. Randomized, Prospective, Double-Blind Study to Investigate the Effectiveness of Depomedrol Compared to Saline Injections in Post-Meniscectomy Patients with Osteoarthritis of the Knee. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 23, 2008)
- 87. Yeshwant SC, Koyonos L, Yanke AB, McNickle AG, Foucher KC, Cole BJ. A Gait Study Assessing Medial Compartment Load with an Off-The-Shelf Unloading Knee Brace. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 23, 2008)
- 88. Van Thiel G, Verma NN, McNickle AG, Yanke AB, Farr J, Cole BJ: Meniscal Allograft Size: Can it be Predicted by Height and Weight? American Orthopaedic Society for Sports Medicine Annual Meeting, Orlando, FL. July 2008
- 89. Yanke AB, Hakimiyan A, Chubinskaya S. Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Normal and Interleukin-1β-Treated Articular Chondrocytes (*Podium Presentation*: Combined Meeting of the Orthopaedic Research Societies, Honolulu, HI, October 21-24, 2007)
- 90. Lewis PB, Rue JP, Yanke AB, Bach BR. Chronic patella tendon rupture reconstruction using two achilles tendon allografts. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 11, 2007)
- 91. Lee KG, Wang VM, Yanke AB, Kang RW, Lattermann C, Karwo D, Shewman L, Williams JM, Cole BJ. Thermoset Polycarbonate Patch Applied to Rotator Cuff Repair. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 11, 2007)
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#### **Published Multimedia & Illustrations**

- 1. Chalmers PN, Frank RM, Gupta AK, Yanke AB, Trenhaile SW, Romeo AA, Bach BR Jr, Verma NN. All-arthroscopic patch augmentation of a massive rotator cuff tear: surgical technique. *Arthroscopy Techniques*, 2013. 2(4), e447–51. doi:10.1016/j.eats.2013.07.003
- 2. Ellman MB, Yanke AB, Juhan T, Verma NN, Nicholson GP, Bush-Joseph C, Bach BR, Romeo AA. Open repair of an acute latissimus tendon avulsion in a Major League Baseball pitcher. Journal of Shoulder and Elbow Surgery: 22(7), e19–23. doi:10.1016/j.jse.2013.03.013
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- 4. Chalmers PN, Frank RM, Gupta AK, Yanke AB, Trenhaile SW, Romeo AA, Verma N. All-Arthroscopic Patch Augmentation of a Massive Rotator Cuff Tear: Surgical Technique. Arthroscopy Techniques
- 5. Harris JD, Hellman MD, Yanke AB, Bach BR. Suture Anchor-Based Quadriceps Tendon Repair Surgical Technique and Review of Literature. *Orthopedics*
- 6. Chalmers PN, Mall NA, Yanke AB, Bach BR. Contemporary Anterior Cruciate Ligament Outcomes: Does Technique Really Matter? *Operative Techniques in Sports Medicine 21*(1),

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- 7. Bhatia S, Chalmers PN, Yanke AB, Romeo AA, Verma NN. (2012). Arthroscopic suprascapular nerve decompression: transarticular and subacromial approach. *Arthroscopy Techniques*, 1(2), e187–92. doi:10.1016/j.eats.2012.07.004
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- 9. Sherman SL, Lin EC, Verma NN, Mather RC, Gregory JM, Dishkin J, Harwood DP, Wang VM, Shewman EF, Cole BJ, Romeo AA. Biomechanical analysis of the pectoralis major tendon and comparison of techniques for tendo-osseous repair. Am J Sports Med. 2012 Aug;40(8):1887–94.
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- 11. Seroyer ST, Nho SJ, Provencher MT, Romeo AA. Four-quadrant approach to capsulolabral repair: an arthroscopic road map to the glenoid. Arthroscopy. 2010 Apr.; 26(4):555–562.
- 12. Seroyer S, Nho S, Bach B, Bush-Joseph C, Nicholson G, Romeo A. Shoulder Pain in the Overhead Throwing Athlete. *Sports Health: A Multidisciplinary Approach* 2009 1: 108
- 13. Provencher MT, Detterline AJ, Ghodadra N, Romeo AA, Bach Jr. BR, Cole BJ, Verma N. Measurement of Glenoid Bone Loss: A Comparison of Measurement Error Between 45° and 0° Bone Loss Models and With Different Posterior Arthroscopy Portal Locations. *American Journal of Sports Medicine*. 2008; 36, 1132.
- 14. Ferry AT, Provencher MT, Yanke AB, Verma NN, Bach BR, Romeo AA. Double-Row Rotator Cuff Repairs: Biomechanical Rationale and Techniques to Optimize Outcomes. *Techniques in Shoulder/Elbow Surgery* 9(1):1-9, March 2008.
- 15. Detterline AJ, Goldstein JL, Rue JP, Bach Jr. BR. Evaluation and Treatment of Osteochondritis Dissecans Lesions of the Knee. *Journal of Knee Surgery* 2008.
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- 18. Yanke A, Provencher MT, Cole BJ. Arthroscopic Double-Row and "Transosseous-Equivalent" Rotator Cuff Repair. *Am J Orthop*. Jun 2007;36(6):294-297.
- 19. Verma N, Yanke AB. Development of a prototype device for the improvement of the biology of rotator cuff repair healing. 2007
- 20. Orthopedics Hyperguide Lecture Honorarium: Biomechanical rationale for single-versus double-row rotator cuff repair. May 11<sup>th</sup>, 2007.

#### **Other Brief Communications**

- 1. Articular Cartilage Overview, Symposium on Articular Cartilage. American Orthopaedic Society for Sports Medicine, Specialty Day, San Diego, CA, Februrary 17<sup>th</sup> 2007.
- Meniscus Allograft Transplantation: Optimizing Techniques and Longer Term Results.
   Meniscus Surgery Symposium, Arthroscopy Association of North America, Specialty Day,
   San Diego, CA, Februrary 17<sup>th</sup> 2007.
- Meniscus Transplantation: Indications and Results, Allograft Meniscus Transplantation Instructional Course Lecture. 74<sup>th</sup> Annual Meeting, American Academy of Orthopedic Surgeons, San Diego, CA, February 16<sup>th</sup> 2007.
- Overview of Treatment Options, Surgical Management of Articular Defects in the Knee, Instructional Course Lecture. 74th Annual Meeting, American Academy of Orthopedic Surgeons, San Diego, CA, February 16th 2007.
- 5. Chondrolysis After Continuous Intra-Articular Bupivacaine Infusion: An experimental model investigating chondrotoxicity in the rabbit shoulder. 88<sup>th</sup> Annual Hospital for Special Surgery Alumni Meeting, New York City, NY, November 9-10, 2006 (Update on Long-term Chondrolysis study)

- 6. Complex Reconstruction and Osteotomy, Management of Cartilage Injury in the Athlete. 2<sup>nd</sup> Annual Cartilage Meeting, Las Vegas, Nevada, October 21, 2006. (OATS Outcome Data)
- 7. Arthroscopic Rotator Cuff Repair: Single Row, Double Row, Trans-Osseous Equivalent: Indications Based Upon Tear Configuration. American Orthopaedic Society for Sports Medicine Annual Meeting, Hershey, PA, July 1, 2006. (Literature evaluating single vs. double row rotator cuff repair)
- 8. Management of Arthritis in the Lower Extremity of the Athlete. American Orthopaedic Society for Sports Medicine Annual Meeting Instructional Course Lecture, Hershey, PA, July 1, 2006. (HA Injections in Young Athletes)