

**CURRICULAR VITA**

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

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Date Updated: 3/30//2026



**EDUCATION**

- |   |           |
|---|-----------|
| Miami University  | 1998-2002 |
| • <i>Oxford, OH</i>   |           |
| • <i>Degree Earned: Bachelor of Science</i>                           |           |
| • <i>Major: Engineering Physics &amp; Zoology</i>                     |           |
| • <i>Minor: Non-Linear Mathematics</i>                                |           |
| Rush Medical College  | 2003-2008 |
| • <i>Chicago, IL</i>  |           |
| • <i>Degree Earned: MD</i>  |           |
| Rush University Graduate College                                      | 2009-2018 |
| • <i>Chicago, IL</i>  |           |
| • <i>Degree Earned: Masters in Biochemistry</i>                       |           |
| • <i>Deferred Masters to continue work as a Doctorate</i>             |           |
| • <i>Degree Earned: Doctor of Philosophy in Biochemistry</i>          |           |
| Rush University Medical Center: Orthopedic Residency                  | 2009-2013 |
| • <i>Chicago, IL</i>  |           |
| • <i>Training: Orthopedic Surgery</i>                                 |           |
| Rush University Medical Center: Orthopedic Sports Medicine Fellowship | 2013-2014 |
| • <i>Chicago, IL</i>  |           |

**ACADEMIC APPOINTMENTS**

- |  |              |
|--|--------------|
| Professor – <i>Rush Medical College: Department of Orthopaedic Surgery,</i><br>1611 W. Harrison St, Chicago, IL 60612              | 2026-present |
| Vice Chair of Research, Department of Orthopaedic Surgery 1611 W.<br>Harrison St, Chicago, IL 60612                                | 2024-present |
| Co-Director- Rush Cartilage Restoration Center, 1611 W. Harrison St,<br>Chicago, Il 60612  | 2024-present |
| Director of Clinical Research- Rush Medical College: Department of Or-<br>thopedic Surgery, 1611 W. Harrison St, Chicago, IL 60612 | 2020-present |
| Director of Education – Rush University Sports Medicine Fellowship,  | 2015-present |

Adam Yanke MD, PhD

1611 W. Harrison St, Chicago, IL 60612  
Associate Professor – *Rush Medical College: Department of Orthopaedic Surgery*, 1611 W. Harrison St, Chicago, IL 60612 2021-present  
Assistant Professor – *Rush Medical College: Department of Orthopaedic Surgery*, 1611 W. Harrison St, Chicago, IL 60612 2014-2021  
Assistant Director – *Rush Cartilage Restoration Center*, 1611 W. Harrison St, Chicago, IL 60612 2014-2024

## **EMPLOYMENT**

Midwest Orthopedics at Rush: Orthopedic Surgeon – Division of Sports Medicine, 1611 W. Harrison St, Chicago, IL 60612 2014-present

## **CERTIFICATION AND LICENSURE**

Board Certification 2016-present  
Medical License for the State of Illinois 2013-present  
United States Medical Licensing Examination (USMLE) Step 1, 2, & 3 Passed  
American Board of Orthopedic Surgery Certification Passed 2013  
American Board of Orthopedic Surgery — Sports Medicine Certification Passed 2024

## **TEAM COVERAGE**

Chicago Bulls Team Physician (National Basketball Association (NBA)) 2013-present  
Chicago White Sox Team Physician (Major League Baseball (MLB)) 2013-present  
Chicago Windy City Bulls Head Team Physician (National Basketball Association (NBA) G-League) 2015-present

## **HONORS AND AWARDS**

Arthroscopy Best Clinical Research Award 2025

- Yanke AB, Dandu N, Bodendorfer BM, Trasolini NA, Hevesi M, Elias TJ, Haneberg E, Darwish RY, Zavras A, Forsythe B, Cole BJ. Bone Marrow Aspirate Concentrate May Decrease Reoperation in Osteochondral Allograft Transplantation: A Prospective, Randomized, Double-Blind Investigation 2025

Orthopaedic Research and Education Foundation (OREF) Clinical Research Award for Outstanding Orthopedic Clinical Research 2025

- Cole BJ, Chahla J, Gilat R, Chubinskaya S, Yanke AB, Frank RM. Recognizing Outstanding Clinical Research Related to Musculoskeletal Disease and Contributions Towards Translational Basic Science and Clinical Research of Osteochondral Allograft Transplantation to Treat Cartilage and Bone Defects in the Knee

Second Place Award, Orthopaedic Research and Education Foundation (OREF) Southwest Resident Research Symposium 2024

- Elias TJ, Allahabadi S, Haneberg E, Morgan V, Walker A, Beals

C, Cole BJ, Yanke AB. Osteochondral Allograft Reaming Significantly Affects Chondrocyte Viability  
 Arthroscopy Association of North America (AANA) 24 Chair Pick: Knee Cartilage Research 2024

- Elias T, Haneberg E, Morgan V, Walker A, Beals C, Cole BJ, Yanke AB. Effect of Current Osteochondral Allograft Harvesting Techniques on Regional Chondrocyte Viability  
 Arthroscopy Association of North America (AANA)/Orthoregeneration Network (ON) Foundation Best Orthoregeneration Pearl & Technique Award 2024
- Allahabadi S, Haneberg E, Elias TJ, McMorrow KJ, Yanke AB, Cole BJ. “Osteochondral Allografts: Pearls to Maximize Biologic Healing and Clinical Success”. Arthroscopy Techniques. November 20, 2023.

Chicago Magazine: Castle Connolly Top Doctors 2024 2024  
 Chicago Magazine: Castle Connolly Top Doctors 2023 2023  
 American Academy of Orthopaedic Surgeons (AAOS) Honors Orthopaedic Video Theater Plus Award 2023

- Elias TJ, Haneberg E, Swindell H, Wang Z, **Yanke AB**. Snowman Osteochondral Allograft Transplantation for Hill-Sachs Lesions

Chicago Magazine: Castle Connolly Top Doctors 2022 2022  
 American Academy of Orthopaedic Surgeons (AAOS) Honors Orthopaedic Video Theater Plus Award 2022

- Yanke AB, Dandu N, Credille K, Damodar D, Wang Z, Cole BJ. Indications and Technique: Rotator Cuff Augmentation

Arthroscopy Association of North America (AANA) Richard J. O’Connor MD Award 2021

- Forsythe B, Chahla J, Verma NN, **Yanke AB**, Lavoie-Gagne O, Forlenza E, Korrapati A, Diaz C, Jeong Y, Chung C, Cole BJ, Bach BR. Biologic Augmentation with Mesenchymal Stem Cells in Anterior Cruciate Ligament Reconstruction

Chicago Magazine: Castle Connolly Top Doctors 2021 2021  
 American Academy of Orthopaedic Surgeons (AAOS) Distinguished Volunteer Service Award: Award Winning Multimedia Presentation 2020

- Yanke AB**, Huddleston H, Chahla J, Cole BJ. Indications and Technique: Medial Meniscus Transplant and Bone Tendon Anterior Cruciate Ligament (ACL) Reconstruction

Chicago Magazine: Castle Connolly Top Doctors 2020 2020  
 Arthroscopy Association of North America (AANA) 2018 Patellofemoral Anatomy Research Excellence Award 2018

- 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

YSOS Star Paper Award – International Cartilage Repair Society World 2017

Congress

- 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.

Second Place Medical Student Research Award- Sigma Xi Research Forum 2015

- **Yanke AB**, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. *Glenoid Bone Loss: Three Dimensional Magnetic Resonance Imaging (MRI) versus Computed Tomography (CT) Reconstructions.*

Best Research Project – Orthopedic Fellow Award Recipient 2015

- 26<sup>th</sup> Annual Rush University Thesis Day – Department of Orthopaedic Surgery
- **Yanke AB**, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. *Glenoid Bone Loss: Three Dimensional Magnetic Resonance Imaging (MRI) versus Computed Tomography (CT) Reconstructions.*

Featured Poster Presentation: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014 2014

- **Yanke AB**, Shin J, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. *Glenoid Bone Loss: Three Dimensional Magnetic Resonance Imaging (MRI) versus Computed Tomography (CT) Reconstructions.*

American Academy of Orthopaedic Surgeons (AAOS) Distinguished Volunteer Service Award: Award Winning Multimedia Presentation 2014

- Chalmers PN, Frank RM, Gupta AK, **Yanke AB**, Trenhaile SW, Romeo AA, Verma NN. All-Arthroscopic Patch Augmentation of A Massive Rotator Cuff Tear
- New Orleans, LA

Best Research Project - Chief Resident Award Recipient 2014

- 25<sup>th</sup> Annual Rush University Thesis Day – Department of Orthopaedic Surgery

American Orthopaedic Association (AOA)-Orthopaedic Research and Education Foundation (OREF) Resident Leadership Forum 2012

- Washington, DC
- *Selected by attending staff at home institution, Rush University, for potential to become a future leader in the field of Orthopedic Surgery.*

Best Research Project - Undergraduate Resident Award Recipient 2012

- 24<sup>th</sup> Annual Rush University Thesis Day – Department of Orthopaedic Surgery

Arnold P. Gold Foundation - Humanism Honor Society Inductee 2008

- *Rush University Medical Center*

*Elected by peers and attendings for displaying attitudes and behaviors that emanate from a deep sensitivity and respect for others, including full*

Adam Yanke MD, PhD

*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 autonomy.*

Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship Recipient: \$5,000 2007

- *Rush University Medical Center*
- *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 cuff repair.*

Sigma Xi Travel Award Recipient 2007

- *Rush University Medical Center*
- *Awarded for presentation of research at the 2007 Orthopedic Research Society in San Diego, CA*

Dean's Research Fellowship Recipient 2004

- *Rush University Medical Center*
- *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 2002

- *Miami University*

Joseph A Culler Award in Physics Recipient 2002

- *Miami University*

Pi Mu Epsilon Inductee 2001

- *Miami University*
- *Honorary National Mathematics Society*

## **SOCIETY MEMBERSHIPS**

Orthopedic Research Society: Member	2019-present
International Patellofemoral Study Group: Member	2019-present
International Cartilage Repair Society: Member	2013-present
Arthroscopy Association of North America: Member	2013-present
American Orthopaedic Society for Sports Medicine: Member	2013-present
American Orthopaedic Association: Emerging Leaders Program	2013-present
Orthopedic Research Education Foundation: Member	2008-present
American Academy of Orthopedic Surgery: Member	2008-present

## **TEACHING**

### Rush University

*Resident Lectures (1 hour each):*

Patellofemoral Instability/Cartilage Defects	12/2025
How to Read a Shoulder and Knee Magnetic Resonance Imaging (MRI)	11/2024

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How to Read a Shoulder Magnetic Resonance Imaging (MRI)	4/2024
How to Write a Grant/Manuscript	2/2024
Anatomy of the Knee	7/2023
Anatomy of the Knee	7/2022
Reading a Knee Magnetic Resonance Imaging (MRI)	4/2022
Cartilage Restoration	2/2022
Anterior Cruciate Ligament (ACL) Reconstruction	2/2022
Patellar Instability	4/2021
Statistics	2/2020
Knee Anatomy	7/2019
Statistics	1/2019
Integrated Radiology Orthopedic Conference Knee	9/2018
Knee and Shoulder Magnetic Resonance Imaging (MRI)	9/2018
Patella Dislocation	5/2018
Statistics	4/2018
Knee and Shoulder Magnetic Resonance Imaging (MRI)	1/2018
Humeral Shaft Fractures	9/2017
Statistics	4/24/17
Cartilage Biology	1/30/17
Magnetic Resonance Imaging (MRI) Knee Review in combination with Integrated Radiology Orthopedic Conference	11/14/16
Orthopaedic In-Training Examination (OITE): Sports	10/10/16
Shoulder Anatomy Lecture/Dissection	8/22/16
Physical Exam Shoulder (Sports Timeslot)	8/22/16

*Sports Fellow Lectures (1 hour each):*

Difficult Knee Cases	4/28/2025
Indications: Cartilage Restoration	3/31/2025
Patellofemoral Instability	11/2024
Journal Club - Patellofemoral/Cartilage	6/2024
Difficult Knee Cases	4/29/2024
Indications: Cartilage Restoration	4/1/2024
Patellofemoral Instability	2/20/2024

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Integrated Radiology Orthopedic Conference: Knee	1/29/2024
Patellofemoral Instability	10/26/2023
Integrated Radiology Orthopedic Conference: Knee	10/2/2023
Journal Club - Patellofemoral/Cartilage	6/2023
Difficult Knee Cases	4/2023
Indications: Cartilage Restoration	4/2023
Patellofemoral Instability	2/2023
Integrated Radiology Orthopedic Conference: Knee	1/2023
Patellofemoral Instability	10/2022
Integrated Radiology Orthopedic Conference: Knee	10/2022
Journal Club - Patellofemoral/Cartilage	6/2022
Difficult Knee Cases	4/2022
Indications: Cartilage Restoration	4/2022
Patellofemoral Instability	2/2022
Integrated Radiology Orthopedic Conference: Knee	1/2022
Patellofemoral Instability	10/2021
Integrated Radiology Orthopedic Conference: Knee	10/2021
Journal Club - Patellofemoral/Cartilage	6/2021
Difficult Knee Cases	4/2021
Indications: Cartilage Restoration	4/2021
Patellofemoral Instability	2/2021
Integrated Radiology Orthopedic Conference: Knee	1/2021
Patellofemoral Instability	10/2020
Integrated Radiology Orthopedic Conference: Knee	10/2020
Journal Club - Patellofemoral/Cartilage	6/2020
Difficult Knee Cases	4/2020
Indications: Cartilage Restoration	4/2020
Patellofemoral Instability	2/2020
Integrated Radiology Orthopedic Conference: Knee	1/2020
Patellofemoral Instability	10/2019
Integrated Radiology Orthopedic Conference: Knee	10/2019
Journal Club - Patellofemoral/Cartilage	5/20/2019

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Difficult Knee Cases (Chosen by Fellows)	4/22/2019
Indications Conference - Cartilage Restoration	2/4/2019
Integrated Radiology Orthopedic Conference: Integrated Radiology Orthopedic Conference - KNEE	1/21/2019
Indications Conference - Patellofemoral (PF) Instability	10/22/2018
Patellofemoral disorders	10/8/2018
Integrated Radiology Orthopedic Conference: Integrated Radiology Orthopedic Conference - KNEE	9/24/2018
Journal Club – Patellofemoral/Cartilage	6/4/2018
Integrated Radiology Orthopedic Conference: Integrated Radiology Orthopedic Conference - KNEE	1/29/18
Indications Conference - Patellofemoral (PF) Instability	10/16/2017
Patellofemoral disorders	10/2/2017
Integrated Radiology Orthopedic Conference: Integrated Radiology Orthopedic Conference - KNEE	9/26/17
Injections – Platelet-Rich Plasma (PRP), corticosteroids, viscosupplementation, stem cells	6/19/2017
Journal Club - Patellofemoral/Cartilage	4/10/2018
Patellofemoral disorders	12/5/2016

*Other:*

Physical Therapist Lecture, monthly	2023-present
Resident Sports Lecture - <i>Patellofemoral Joint</i> - bimonthly	2019-present
Bimonthly resident lecture (45 min)	2014-present
Resident Mentorship - 2 Days per Week (Monday Clinic, Friday Operative)	2016-present
Sports Fellow Mentorship – Three Days Every Week (Two Clinical and One Operative Day)	2017-present

Grand Rounds

*Rush University:*

Patellofemoral	2022
Patellofemoral	2019
Gluteus Medius	2012
37-year-old female with traumatic lateral thigh	2012
54-year old male w/traumatic shoulder pain	2012

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Other Institutions

- |   |           |
|---|-----------|
| Q3 Distinguished Lecture Series. Children's Health Andrews Institute for Orthopaedics & Sports Medicine; Plano, Texas.      | 8/6/2025  |
| Invited Grand Round Lecturer: Northwestern University. Patellofemoral Treatments and Solutions                              | 8/11/2023 |
| Invited Grand Round Lecturer: West Suburban Hospital, 1. Oak Park, IL. Approach to Shoulder Pain from History to Treatment. | 2/17/2016 |
| Invited Community Outreach Lecturer: Rush Oak Park Hospital, Knee Pain: Current Treatments and Updates                      | 4/14/2016 |

Mentorship

*Sports Medicine Fellowship - Clinical Training*

2025-2026 (6-week rotation)

- Yining Lu MD
- Jakob Ackermann MD
- Kyle Kunze MD
- Kristen Barton MD
- Joseph Brinkman MD

2024-2025 (6-week rotation)

- Thomas Moran MD
- Jose Vega MD
- Andrew Bi MD
- Matthew Henriques MD
- Nicholas Lemme MD

2023-2024 (6-week rotation)

- Richard Danilkowicz MD
- Eric Cotter MD
- Stephanie Boden MD
- Joshua Wright MD
- Ron Gilat MD

2022-2023 (6-week rotation)

- Sachin Allahabadi MD
- Corey Beals MD
- Christopher Brusalis MD
- Jimmy Chan MD
- Daniel Kaplan MD

2021-2022 (6-week rotation)

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- Dhanur Damodar MD
- Mario Hevesi MD, PhD
- Nolan Horner MD
- Lakshmanan Sivasundaram MD
- Hasani Swindell MD

2020-2021 (6-week rotation)

- Blake Bodendorfer MD
- Steven DeFroda MD
- Benjamin Kester MD
- Derrick Knapik MD
- Nicholas Trasolini, MD

2019-2020 (6-week rotation)

- Justin Drager, MD
- Michael Fu, MD
- Kevin Parvarish, MD
- Theodore Wolfson, MD
- Stephanie Wong, MD

2018-2019 (6-week rotation)

- Jourdan Cancienne, MD
- Ian Dempsey, MD
- Benedict Nwachukwu, MD
- Kelechi Okoroha, MD
- Jorge Chahla, MD PhD

### *Research Mentorship*

**Cade Smelley**, Medical Student, Research Fellow, April 2025 to February 2026

#### *Selected Projects:*

1. Smelley CC, Augustin E, Oppenheim Z, Sachdev D, Shinn D, Lemme N, **Yanke AB**. When the J-Sign Won't Quit: Persistent Postoperative J-Sign Is Associated With Smaller Gains in Patient-Reported Outcomes. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS) Annual Meeting, Boston, MA. October 11, 2025
2. Smelley CC, Sachdev D, Song C, Amin J, Shinn D, Lemme N, Cole BJ, **Yanke AB**. Unintended Distalization Following Anteromedializing Tibial Tubercle Osteotomy With Medial Patellofemoral Ligament (MPFL) Reconstruction. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025

**Divesh Sachdev**, Medical Student, Research Fellow, April 2025 to February 2026

#### *Selected Projects:*

1. Sachdev D, Smelley C, Song CB, Shinn D, Lemme N, Cole BJ, Yanke AB. Reduction in patellar height following isolated Medial Patellofemoral Ligament (MPFL) reconstruction.

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ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025

2. Sachdev D, Augustin E, Oppenheim Z, Smelley C, Lemme N, Yanke AB. Instability resolution angle as a predictor of outcomes in patellofemoral stabilization surgery: a matched cohort analysis. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025

**Jay Amin**, Pre-medical student, Research Fellow, June 2025 to February 2026

*Selected Projects: Arthroscopic Findings Following Osteochondral Allografts of the Knee: Proposed Classification Scheme and Associations with Graft Failure*

1. Amin, J, Augustin, E, Acheampong, K, Smelley C, Yanke, AB. J-sign severity and baseline patient reported outcomes for patients with patellar instability. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025

**Kofi Acheampong**, Medical Student, Research Fellow, June 2024 to June 2025

*Selected Projects:*

1. Kofi K. Acheampong, BS, Zachary R. Oppenheim, BS, Thomas E. Moran, MD, Lesly Honore, BS, Brian Forsythe, MD, Nikhil N. Verma, MD, Jorge Chahla, MD, PhD, Brian J. Cole, MD, MBA, Adam B. Yanke MD, PhD. Anatomic Drivers of the Sagittal Tibial Tubercle-Trochlea Groove Distance in Patella Instability Patients. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM), July 10-13 2025
2. Phillips AR, Haneberg EC, Moran TE, Gilat R, Acheampong KK, Morgan V, Yanke AB. Osteochondral allograft chondrocyte viability is affected during harvest by irrigation temperature and reamer speed. *Am J Sports Med.* 2025 Jun;53(7):1589-1595. doi:10.1177/03635465251336363

**Edouard Augustin**, Medical Student, Research Fellow, August 2024 to June 2025

*Selected Projects:*

1. Augustin EJ, Acheampong KK, Akinleye J, Turinske T, Moran TE, Cole BJ, Yanke AB. Sagittal tibial tubercle trochlear groove distance and Patellofemoral (PF) Osteochondral Allograft (OCA) outcomes. Poster Presentation: Clinical Orthopedic Society Annual Meeting, Amelia Island, Florida. September 3, 2025.
2. Edouard J. Augustin, BS, Kofi K. Acheampong, BS, Thomas E. Moran, MD, Brian J. Cole, MD, MBA, Adam B. Yanke, MD, PhD. Minimum Two Year Follow Up Of Patellofemoral (Patellofemoral (PF)) Osteochondral Allograft (Osteochondral Allograft (OCA)) Implantation With Or Without Concomitant Tibial Tubercle Osteotomy (Tibial Tubercle Osteotomy (TTO)): Sagittal Tibial Tubercle Trochlear Groove (stt-tg) As A Predictor Of Clinical Outcomes. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025

**Zachary Oppenheim**, Pre-medical student, Research Fellow, June 2024 to June 2025

*Selected Projects:*

Adam Yanke MD, PhD

1. Zachary R, Oppenheim BS, Edouard J, Augustin BS, Thomas E, Moran, MD, Brian J, Cole MD, MBA, Adam Yanke, MD PhD. A Retrospective Review Of Chondroplasty Outcomes Of The Patellofemoral Joint. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025
2. Phillips AR, Haneberg EC, Moran TE, Oppenheim ZR, Yanke AB. Saline Irrigation Mitigates Chondrocyte Viability Changes During Trochleoplasty. *Am J Sports Med.* 2025 Apr 27:3635465251334655. doi: 10.1177/03635465251334655. Epub ahead of print. PMID: 40289483.

**Andrew Phillips**, Medical student, Research Fellow, June 2023 to June 2024

*Selected Projects:*

1. Phillips AR, Haneberg EC, Boden SA, Yanke AB, Cole BJ. Long-Term Clinical and Radiographic Outcomes of Meniscus Allograft Transplant. *Curr Rev Musculoskelet Med.* 2024 Jun 18. doi: 10.1007/s12178-024-09904-z. PMID: 38890265.
2. Phillips AR, Gilat R, Haneberg EC, Yanke AB. Editorial Commentary: The entry point-trochlear groove (EP-TG) angle measures lateralization of the proximal trochlear entry point in patients with patellar instability. *Arthroscopy.* 2024 Jun 10:S0749-8063(24)00406-7. doi: 10.1016/j.arthro.2024.06.005. PMID: 38866376.
3. Phillips AR, Singh H, Haneberg EC, Danilkowicz RM, Yanke AB. Isolated Medial Patellofemoral Ligament Reconstruction Results in Lower Failure and Complication Rates than Isolated Trochleoplasty and Tibial Tubercle Osteotomy: A Systematic Review. *Arthroscopy.* 2024 Jun 4:S0749-8063(24)00396-7. doi: 10.1016/j.arthro.2024.05.019. PMID: 38844012.

**Erik Haneberg**, Pre-medical student, Research Fellow, June 2022 to June 2024

*Selected Projects:*

1. Haneberg E, Beals C, Dandu N, McCormick J, Wang Z, Walker A, Cole B, Yanke A, Elias T. Intra-articular Vascular Endothelial Growth Factor (VEGF) and Matrix Metalloproteinase-1 (MMP-1) are the Primary Drivers of Worse Baseline Knee Injury and Osteoarthritis Outcome Score (KOOS) Symptoms and Quality of Life Subscores at Time of Knee Chondroplasty. *Orthopaedic Journal of Sports Medicine.* 2024 Feb 29;12(2\_suppl1):2325967124S00002.
2. Haneberg E, Phillips A, Cotter E, Yanke AB. *Lateral Lengthening and Lateral Release. Operative Techniques in Sports Medicine.* December 2023.

**Emma Seifert**, Pre-Medical Student, Preceptor, June 2023

Mentorship with the Preceptor Program at the Mallory –Wilson Center for Healthcare Education at Miami University, Oxford, Ohio

**Kobi Ezenwukuwa**, Pre-Medical Student, Preceptor, January 2023

Mentorship with the Preceptor Program at the Mallory –Wilson Center for Healthcare Education at Miami University, Oxford, Ohio

**Tristan Elias**, Medical Student, Research Fellow, June 2022 to June 2023

*Selected Projects:*

1. Elias TJ, Haneberg E, Kaplan DJ, Phillips A, Sachdev D, Verma N, Chahla J, Forsythe B, Cole BJ, Yanke AB. Establishing the Minimum Clinically Important Difference, Patient

Adam Yanke MD, PhD

Acceptable Symptomatic State, and Substantial Clinical Benefit, After Isolated Medial Patellofemoral Ligament Reconstruction. *Arthroscopy*. Published online July 1, 2025. doi:10.1016/j.arthro.2025.07.029

2. Elias TJ, Allahabadi S, Haneberg E, Morgan V, Walker A, Beals C, Cole BJ, **Yanke AB**. Osteochondral Allograft Reaming Significantly Affects Chondrocyte Viability. *Am J Sports Med*. 2024;52(11):2874-2881. PMID: 39186448

**Kevin Credille, Medical Student, Research Fellow, June 2021 to June 2022**

*Selected Projects:*

1. Credille K, Elias TJ, Allahabadi S, Wang Z, Hakimiyan A, Chubinskaya S, Cole BJ, Frisbie D, Yanke AB. Chondrocyte Response to Fresh Autologous Conditioned Serum Versus Freeze-Dried Allogenic Conditioned Serum. *Cartilage*. 2024 Aug 2:19476035241261335. doi: 10.1177/19476035241261335. Epub ahead of print. PMID: 39095949.
2. Credille K, Warrier Alec, Wang Z, Hevesi M, Morgan V, **Yanke AB**. Medial Patellofemoral Ligament Reconstruction in the Skeletally Immature: A Systematic Review of Outcomes by Fixation Technique. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).

**Zachary Wang, Pre-medical student, Research Fellow, June 2021 to June 2022**

*Selected Projects:*

1. Wang Z, Kaplan D, Dandu N, Haneberg E, Credille K, Elias T, Verma N, Cole BJ, Yanke AB. Elevated Instability Resolution Angle Predicts Inferior Patient-Reported Outcomes in Isolated Medial Patellofemoral Ligament Reconstruction. *Arthrosc Sports Med Rehabil*. 2024 Dec 12;7(2):101066. doi: 10.1016/j.asmr.2024.101066. PMID: 40297084; PMCID: PMC12034079.
2. Wang Z, Credille K, Swindell H, McCormick JR, Darbandi A, Alzein M, Dandu N, Cole BJ, Yanke AB. Concomitant Treatment of High-Grade Cartilage Lesions Mitigates Risk of Meniscal Allograft Transplant Failure. *Arthroscopy*. 2023 Nov 24:S0749-8063(23)00940-4. doi: 10.1016/j.arthro.2023.11.011. PMID: 38008388.

**Jeffrey Lee, Medical Student, Rush Medical College Dean's Summer Research Fellowship, June 2020 to August 2020**

*Selected Projects:*

1. Lee J, McCormick JR, Credille K, Dandu N, Wang Z, Trasolini NA, Darwish RY, Chahla J, Yanke AB. Patient Age and Activity Level, Posterior Tibial Slope, and Use of Allograft Are Significant Risk Factors for Anterior Cruciate Ligament Reconstruction Failure: A Systematic Review. *Arthrosc Sports Med Rehabil*. 2025 Jan 15;7(2):101075. doi: 10.1016/j.asmr.2025.101075. PMID: 40297067; PMCID: PMC12034086.

**Navya Dandu, Medical Student, Research Fellow, July 2020 to June 2021**

*Selected Projects:*

1. Dandu N, Elias TJ, Hevesi M, Trasolini NA, Zavras AG, Haneberg E, Yanke AB. The Presence of a Trochlear Bump and Patella Alta May Predict the Risk of Recurrent Instability After Isolated Medial Patellofemoral Ligament Reconstruction: A Systematic Review and Meta-analysis. *Am J Sports Med*. 2025 Jan 7:3635465241266594. doi: 10.1177/03635465241266594. Epub ahead of print. PMID: 39763469.

Adam Yanke MD, PhD

2. Dandu, N., Horner, N. S., Trasolini, N. A., Hevesi, M., Cregar, W. M., Inoue, N., & Yanke, A. B. (2022). Anatomic Factors Associated With Osteochondral Allograft Matching for Trochlear Cartilage Defects: A Computer-Simulation Study. *The American journal of sports medicine*, 50(13), 3571–3578. <https://doi.org/10.1177/03635465221121586>
3. Dandu, N., Trasolini, N. A., Shewman, E. F., Kim, H. D., Zavras, A. G., Huddleston, H. P., Browning, R. B., & Yanke, A. B. (2022). Medial Patellofemoral Complex Reconstruction Techniques Are Not Equivalent at Lower Flexion in the Setting of Patella Alta: A Biomechanical Comparison. *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*, 38(8), 2493–2503. <https://doi.org/10.1016/j.arthro.2022.01.045>

**Justin Walsh**, Medical Student, Shadow Experience and Research Mentorship, May to August 2020

*Selected Projects:*

1. Walsh, J. M., Huddleston, H. P., Alzein, M. M., Wong, S. E., Forsythe, B., Verma, N. N., Cole, B. J., & Yanke, A. B. (2022). The Minimal Clinically Important Difference, Substantial Clinical Benefit, and Patient-Acceptable Symptomatic State after Medial Patellofemoral Ligament Reconstruction. *Arthroscopy, sports medicine, and rehabilitation*, 4(2), e661–e678. <https://doi.org/10.1016/j.asmr.2021.12.009>
2. Walsh JM, Credille K, Allahabadi S, Kaplan DJ, Darbandi AD, Huddleston HP, Hevesi M, Wang Z, Dandu N, Yanke AB. Biomechanical Properties and Kinematics of Medial Patellofemoral Ligament Reconstruction: A Systematic Review. *Orthop J Sports Med.* 2024 Jun 7;12(6):23259671241241537. doi: 10.1177/23259671241241537. PMID: 38855071; PMCID: PMC11159569.

**Alondra Diaz**, Master's in Clinical Science, Thesis Advisor, July 2020-2021

*Selected Projects*

1. A. Yanke , H. Huddleston , N. Dandu , A. Diaz , B. Clayton , S. Wong , B. Kester , B. Cole. Magnetic Resonance Imaging (MRI) Correlations of Bone Marrow Lesions and Patient Reported Outcomes after Microfracture. (Poster: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)

**Robert Browning**, Resident, Research Rotation, July to September 2020

*Selected Projects:*

1. Dandu N, Trasolini N, Shewman E, Kim H, Zavras A, Browning R, Huddleston H, Yanke AB. Medial Patellofemoral Ligament (MPFL) Reconstruction Confers Greater Stability to Lateral Patellar Displacement in the Setting of Patellar Alta Than Medial Quadriceps Tendon–Femoral Ligament (MQTFL) Reconstruction. (Poster Presentation Orthopaedic Research Society (ORS) February 4-8, 2022).

**William Cregar**, Resident, Research Rotation, September to November 2019

*Selected Projects:*

1. Cregar, W., Huddleston, H., Shewman, E., Cole, B., & Yanke, A. (2021). Lateral Translation of the Patella in Medial Patellofemoral Complex (MPFC) Reconstruction: A Biomechanical

Adam Yanke MD, PhD

Study of Three Surgical Techniques (210). *Orthopaedic Journal of Sports Medicine*, 9(10 suppl5), 2325967121S00319.

2. Huddleston, H. P., Cregar, W. M., Alzein, M. M., Vadhera, A. S., Wong, S. E., & Yanke, A. B. (2022). Outcomes of Patellar Subchondroplasty Surgery: A Case Series. *The journal of knee surgery*, 10.1055/s-0042-1747944. Advance online publication. <https://doi.org/10.1055/s-0042-1747944>

**Hailey Huddleston**, Medical Student, Research Fellow, May 2019 to June 2020

- *Selected Projects*: Lateral patellofemoral ligament anatomy, imaging measurements in predicting exam under anesthesia in medial patellofemoral ligament reconstruction patients

- *Selected Awards/Accomplishments*

1. Yanke AB, Huddleston H, Chahla J, Cole BJ. Indications and Technique: Medial Meniscus Transplant and Bone Tendon Anterior Cruciate Ligament (ACL) Reconstruction. American Academy of Orthopaedic Surgeons (AAOS) Distinguished Volunteer Service Award: Award Winning Multimedia Presentation, 2020.

**Taylor Southworth**, Medical Student, Research Fellow, June 2018 to June 2019

*Selected Projects*: The effect of body mass index in osteochondral allograft patients

*Selected Awards/Accomplishments*

1. Southworth T, Naveen N, Tauro T, Cole BJ, Yanke AB. Diagnostic Scope Vs. Cartilage Procedure: Who Will Progress? (*Podium Presentation*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
2. Southworth T, Naveen N, Beletsky A, Okoroha K, Jildeh T, Tauro T, Yanke AB, Cole BJ. The Effect of Body Mass Index (BMI) on Patient Reported Outcome Scores in Osteochondral Allograft Transplantation. (*Podium Presentation*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)

**Neal Naveen**, Medical Student, Research Fellow, June 2018 to June 2019

*Selected Projects*: Microfracture Awl vs Powerpick

*Selected Awards/Accomplishments*

1. Naveen N, Tauro T, Southworth T, Baker J, Beletsky A, Chahla J, Verma N, Yanke AB, Cole BJ. Outcomes after Microfracture with Traditional Awl vs. Powerpick. (*Podium Presentation*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)

**Michael Redondo**, Medical Student, Research Fellow, June 2017 to June 2018

*Selected Projects*: The effect of rotation on Caton-Deschamp index: a radiographic analysis

*Selected Awards/Accomplishments*

1. Christian DR, Hannon CP, Redondo ML, Cole BJ, Yanke AB. *Sequential Sectioning of the Bundles of the Medial Patellofemoral Ligament*, Arthroscopy Association of North America (AANA) Research Grant Recipient: \$15,000, 2018.
2. Redondo ML, Beer AJ, Yanke AB. (2018). Cartilage Restoration: Microfracture and Osteochondral Autograft Transplantation. *The Journal of Knee Surgery*, 31(3), 231–238. [doi.org/10.1055/s-0037-1618592](https://doi.org/10.1055/s-0037-1618592),

**David Christian**, Medical Student, Research Fellow, June 2017 to June 2018

Adam Yanke MD, PhD

*Selected Projects:* Effect of lateral release on patellar translation

*Selected Awards/Accomplishments*

1. Christian DR, Hannon CP, Redondo ML, Cole BJ, Yanke AB. *Sequential Sectioning of the Bundles of the Medial Patellofemoral Ligament*, Arthroscopy Association of North America (AANA) Research Grant Recipient: \$15,000, 2018
2. 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

**Charles Hannon**, Resident

*Selected Projects:* The effect of bone marrow aspirate concentrate on osteoarthritis

*Selected Awards/Accomplishments:*

1. *The Influence of Amniotic Membrane and Bone Marrow Aspirate Concentrate (BMAC) on Osteoarthritis*, Orthopaedic Research and Education Foundation (OREF) Resident Clinician Scientist Training Award Co-Investigator: \$19,000, 2017
2. Hannon CP, Weber AE, Gitelis M, Meyer MA, Yanke AB, Cole BJ. (2017). Does Treatment of the Tibia Matter in Bipolar Chondral Defects of the Knee? Clinical Outcomes with Greater Than Two Years Follow-Up. *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.2017.09.040>

**Atushi Urita**, Orthopedic Surgeon, Cartilage Fellow 2016-2018

*Selected Projects:* Topographic analysis of oblong osteochondral allograft, recovery effect of synovium

*Selected Awards/Accomplishments:*

1. 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>
  2. Urita A, MD, Meyer MA, Madden BT, Chubinskaya S, Cole BJ, Yanke AB. Protective Effect of Normal Synovium on Damaged Cartilage.
    - a. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) 2017 Annual Meeting in Toronto, Canada, July 20-23.*

*Poster Presentation:* Orthopaedic Research Society (ORS) 2017 Annual Meeting in San Diego, CA, March 19-22.
3. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)

**Eric Cotter**, Medical Student, Research Fellow, June 2016 to June 2017

*Selected Projects:* Outcomes of patellofemoral cartilage procedures, evaluation of cartilage characteristics in different joints

*Selected Awards/Accomplishments*

1. Cotter EJ, Wischmeier D, Frank RM, Yanke AB, Farr J, Cole BJ. Clinical Outcomes of Patellofemoral Osteochondral Allograft Transplantation: A Prospective Analysis. (Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
2. 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>

**Kevin Wang**, Medical Student, Research Fellow, June 2016 to June 2017

*Selected Projects:* Cartilage procedure outcomes in patients with immature physes, evaluation of glenoid bone loss

*Selected Awards/Accomplishments*

1. Wang KC, Waterman BR, Dean R, Cotter EJ, Manning B, Yanke AB, Cole BJ. The Influence of Physal Status on Cartilage Survivorship After Screw Fixation for Osteochondritis Dissecans of the Knee. (Podium Presentation: Arthroscopy Association of North America (AANA) April 26-28, 2018, Chicago, IL)
2. 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>

**Max Meyers**, Medical Student, Research Fellow, June 2015 to June 2016

*Selected Projects:* Role of flexion radiographs in injections for osteoarthritis, effects of lavaging osteochondral allografts

*Selected Awards/Accomplishments*

1. Meyer MA, Leroux TS, Levy DM, Tilton AK, Lewis PB, Yanke AB, Cole BJ. (2017). Flexion Posteroanterior Radiographs Affect Both Enrollment for and Outcomes After Injection Therapy for Knee Osteoarthritis. *Orthopaedic Journal of Sports Medicine*, 5(5), 2325967117706692. <http://doi.org/10.1177/2325967117706692>
  - a. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
2. Meyer MA, McCarthy MA, Gitelis ME, Poland SG, Urita A, Chubinskaya S, Yanke AB, Cole BJ. (2016). Effectiveness of Lavage Techniques in Removing Immunogenic Elements from Osteochondral Allografts. *Cartilage*. <http://doi.org/10.1177/1947603516681132>
  - a. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016

## **CONSULTING POSITIONS**

Icarus	2023-present
Stryker	2022-present
Allosource	2021-present
Sparta Biomedical	2019-present
Joint Restoration Foundation (JRF) Orthopedics	2017-present
PatientIQ	2016-present

## **Patents**

### **CONNECTIVE TISSUE TO BONE INTERFACE SCAFFOLDS**

Publication number: 20240016598

Abstract: Connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds may be a single integrated implant or may be a modular (e.g., two-part) implant system.

Type: Application

Filed: April 21, 2023

Publication date: January 18, 2024

Inventors: Dushyanth R. SURAKANTI, Adam B. YANKE, Adam W. MARTINEZ, Kurt W.S. KLITZKE, Travis E. ENTROP, Dimitrios J. ANGELIS, Eric A. NAUMAN, Darryl A. DICKERSON

### **METHODS OF FORMING BONE INTERFACE SCAFFOLDS**

Publication number: 20230364304

Abstract: Methods of forming a connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds (grafts) may be formed from in such a way as to provide both a mineralized and demineralized layer in which the entire graft is flexible, compressible and compliant.

Type: Application

Filed: August 24, 2021

Publication date: November 16, 2023

Inventors: Ian N. ASKILL, Dushyanth R. SURAKANTI, Adam B. YANKE, Adam W. MARTINEZ, Kurt W. S. KLITZKE, Travis E. ENTROP, Dimitrios J. ANGELIS

### **Connective tissue to bone interface scaffolds**

Patent number: 11654012

Abstract: Connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds may be a single integrated implant or may be a modular (e.g., two-part) implant system.

Type: Grant

Filed: April 5, 2021

Date of Patent: May 23, 2023

Assignee: Sparta Biopharma Inc.

Inventors: Dushyanth R. Surakanti, Adam B. Yanke, Adam W. Martinez, Kurt W. S. Klitzke, Travis E. Entrop, Dimitrios J. Angelis, Eric A. Nauman, Darryl A. Dickerson

### **Methods of forming bone interface scaffolds**

Patent number: 11364324

Abstract: Methods of forming a connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds (grafts) may be formed in such a way as to provide both a mineralized and demineralized layer in which the entire graft is flexible, compressible and compliant.

Adam Yanke MD, PhD

Type: Grant

Filed: August 24, 2021

Date of Patent: June 21, 2022

Assignee: Sparta Biopharma Inc.

Inventors: Ian N. Askill, Dushyanth R. Surakanti, Adam B. Yanke, Adam W. Martinez, Kurt W. S. Klitzke, Travis E. Entrop, Dimitrios J. Angelis

#### METHODS OF FORMING BONE INTERFACE SCAFFOLDS

Publication number: 20220054709

Abstract: Methods of forming a connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds (grafts) may be formed in such a way as to provide both a mineralized and demineralized layer in which the entire graft is flexible, compressible and compliant.

Type: Application

Filed: August 24, 2021

Publication date: February 24, 2022

Inventors: Ian N. ASKILL, Dushyanth R. SURAKANTI, Adam B. YANKE, Adam W. MARTINEZ, Kurt W.S. KLITZKE, Travis E. ENTROP, Dimitrios J. ANGELIS

#### CONNECTIVE TISSUE TO BONE INTERFACE SCAFFOLDS

Publication number: 20210220116

Abstract: Connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds may be a single integrated implant or may be a modular (e.g., two-part) implant system.

Type: Application

Filed: April 5, 2021

Publication date: July 22, 2021

Inventors: Dushyanth R. SURAKANTI, Adam B. YANKE, Adam W. MARTINEZ, Kurt W. S. KLITZKE, Travis E. ENTROP, Dimitrios J. ANGELIS, Eric A. NAUMAN, Darryl A. DICKERSON

#### CONNECTIVE TISSUE TO BONE INTERFACE SCAFFOLDS

Publication number: 20210113325

Abstract: Connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds may be a single integrated implant or may be a modular (e.g., two-part) implant system.

Type: Application

Filed: September 8, 2020

Publication date: April 22, 2021

Inventors: Dushyanth R. SURAKANTI, Adam B. YANKE, Adam W. MARTINEZ, Kurt W. S. KLITZKE, Travis E. ENTROP, Dimitrios J. ANGELIS

Connective tissue to bone interface scaffolds

Patent number: 10966816

Adam Yanke MD, PhD

Abstract: Connective tissue-to-bone interface scaffolds (e.g., ligament-to-bone interface scaffolds, tendon-to-bone interface scaffolds, etc.). These scaffolds may be a single integrated implant or may be a modular (e.g., two-part) implant system.

Type: Grant

Filed: September 8, 2020

Date of Patent: April 6, 2021

Assignee: Sparta Biopharma LLC

Inventors: Dushyanth R. Surakanti, Adam B. Yanke, Adam W. Martinez, Kurt W. S. Klitzke, Travis E. Entrop, Dimitrios J. Angelis, Eric A. Nauman, Darryl A. Dickerson

## **LEADERSHIP SERVICE/LEADERSHIP POSITIONS**

Biologic Alliance- Program Chair	2023
International Patellofemoral Study Group (IPSG) – Membership Committee	2023-present
Arthroscopy Association of North America (AANA) Fellowship Education Series Webinar: Committee Member.	2020-present
International Cartilage Regeneration & Joint Preservation Society (ICRS) NexGen Committee: Member	2019-2020
American Academy of Orthopaedic Surgeons (AAOS) Osteoarthritis of the Knee (OAK) Clinical Practice Guideline (CPG) Key Informant Panel Metrics of Osteochondral Allografts (MOCA) Committee Member	2018-2019
American Orthopaedic Society for Sports Medicine (AOSSM) Research Committee Member	2017-present 2017-2021
American Academy of Orthopaedic Surgeons (AAOS) Basic Science Evaluation Committee	2016-2018
International Cartilage Regeneration & Joint Preservation Society (ICRS) Education and Meeting Committee: Member	2015-present
Question Writer: <i>Arthroscopy Association of North America – Maintenance of Certification</i>	2014
Resident Steering Committee Member	
• <i>Rush University Department of Orthopaedics: Resident Representative</i>	2012-2013
American Academy of Orthopedic Surgeons Resident Liaison	
• <i>Rush University Department of Orthopaedics</i>	2011-2012
Accreditation Council for Graduate Medical Education	2011
• <i>Rush University: Resident Representative</i>	
Rush University Internal Residency Committee	2011
• <i>Resident Class Representative</i>	

## **COMMUNITY SERVICE**

“Wheels of Care” RUSH Community Service Initiative Program (RCSIP) Co-founder/Steering Committee Member	2004-2008
• <i>Rush University Medical School</i>	

Adam Yanke MD, PhD

- *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.*

Orthopedic Interest Group President/Committee Member 2004-2008

- *Rush University Medical School*

Carein' Connections Unlimited: Mission Trip to Acuna, Mexico 2007

- *Service trip to aid in establishing a new acute care medical clinic in the Mexican border town of Acuna.*

Committee on Student Affairs Student Representative 2003-2006

- *Rush University Medical School*

Anesthesia Chair Search Committee Member 2005-2006

- *Rush University Medical School*

Henry Horner RUSH Community Service Initiative Program (RCSIP) 2003-2005

Steering Committee Member

- *Rush University Medical School*
- *After-school tutoring program for the children of the Henry Horner neighborhood in Chicago, IL*

Himalayan Health Exchange Program 2004

- *Medical mission through Northern India and Tibet supplying medical care and supplies to local villages*

## **CLINICAL SERVICE**

Innovation and Quality improvement

### 1. PatientIQ Integration within the Orthopaedic Sports Medicine Department

As Director of Clinical Research, I sought to improve compliance within the clinical workflow by leading the adoption of a new, all-inclusive platform--PatientIQ. Under my leadership, we have initiated several measures to ensure a smooth transition to an improved system, including approval of e-consenting, expanding integration with Athena, and standardizing existing sports data for migration.

## **CLINICAL TRIALS/RESEARCH**

1. Evaluation of the MISHA Knee System for Symptom Relief in Subjects with Medial Knee Osteoarthritis versus the use of non-surgical treatment: Randomized Assessment and Comparison of Therapies for Medial Knee Osteoarthritis (Principal-Investigator)
2. A Randomized Controlled Trial of the KRONOS Versus Breg T-Scope Post-operative Knee Braces Following Anterior Cruciate Ligament (ACL) Reconstruction (Principal Investigator)
3. A Randomized Controlled Trial of Arthrocentesis and Platelet-Rich Plasma (PRP) Application Following Acute Anterior Cruciate Ligament (ACL) Injury (Principal Investigator)
4. Prospective, Randomized, Double-blind Clinical Trial to Investigate the Efficacy of Autologous Bone Marrow Aspirate Concentrate Post-Menisectomy (Co-Investigator)
5. A Prospective randomized trial of biologic augmentation with mesenchymal stem cells in patients undergoing Anterior Cruciate Ligament Reconstruction (Co-Investigator)

Adam Yanke MD, PhD

6. Prospective, Randomized, Single Blind Clinical Trial to Investigate the Impact of Autologous Bone Marrow Concentrate in Knee Osteochondral Allograft Transplantation (Principal Investigator)
7. A prospective randomized trial of biologic augmentation with mesenchymal stem cells in patients undergoing arthroscopic rotator cuff repair. (Co-Investigator)
8. A Prospective Multicenter Open-label Randomized Controlled Trial of Agili-C™ vs. Surgical Standard of Care (SSOC) for the Treatment of Joint Surface Lesions of the Knee (Co-Investigator)
9. Prospective, Double Blind, Randomized Control Trial Comparing the Efficacy of Intra-articular Injections for the Treatment of Primary Glenohumeral Osteoarthritis (Principal Investigator)
10. A Randomized Controlled Trial of the Subchondroplasty® Procedure with Arthroscopy versus Arthroscopy Alone for Treatment of Bone Marrow Lesions in the Knee (Co-Investigator)
11. Patient Outcomes Collection: How can we do better? A randomized trial to determine factors which may affect patient compliance (Co-Investigator)
12. A Phase 2B Prospective, Double-Blinded, Randomized Controlled Trial of the Micronized Dehydrated Human Amnion/Chorion Membrane (dHACM) Injection as Compared to Saline Placebo Injection in the Treatment of Osteoarthritis of the Knee (Co-Investigator)
13. The Effect of Arthroscopy ArthroBox Simulation Training on Clinical Performance: A Prospective Clinical Trial (Co-Investigator)

## **COMMITTEE AND ADMINISTRATIVE SERVICES**

### Departmental

Vice Chair of Research	2024-present
Director of Clinical Research	2021-present
Clinical Competency Committee: <i>Member</i>	2014-present
Education Committee: <i>Chair</i>	2014-present
Residency Selection Committee: <i>Member</i>	2014-present

### Medical College

Associate Professor - <i>Rush Medical College: Department of Orthopaedic Surgery</i>	2021-present
Assistant Professor - <i>Rush Medical College: Department of Orthopaedic Surgery</i>	2014-2021
Instructor – <i>Rush Medical College: Department of Orthopaedic Surgery</i>	2013-2018

## **SCIENTIFIC AND SCHOLARLY ACTIVITIES**

### Membership or Offices in Professional Societies

Orthopedic Research Society	2019-present
International Patellofemoral Study Group: Member	2019-present
International Cartilage Repair Society: Member	2013-present
Arthroscopy Association of North America: Member	2013-present

Adam Yanke MD, PhD

American Orthopaedic Society for Sports Medicine: Member	2013-present
American Orthopaedic Association: Emerging Leaders Program	2013-present
Orthopedic Research Education Foundation: Member	2008-present
American Academy of Orthopedic Surgery: Member	2008-present

Reviewer for Funding Agencies

Orthopaedic Research and Education Foundation (OREF)/Goldberg Arthritis Research Grant	4/12/2024-5/23/2024
Orthopaedic Research and Education Foundation (OREF)	2015-present

Reviewer for Professional Journals

Associate Editor: <i>American Journal of Sports Medicine</i>	2025-Present
Reviewer: The Journal of Knee Surgery	2015-present
Reviewer: <i>American Journal of Sports Medicine</i>	2014-present
Reviewer: <i>Cartilage (Official Journal of the International Cartilage Regeneration &amp; Joint Preservation Society (ICRS))</i>	2014-present
Reviewer: <i>Orthopedics</i>	2013-present

Reviewer for Institutional Journals

Associate Editor Rush Orthopedic Journal	2025-Present
Editor: Rush Orthopedic Journal	2018-2025
Associate Editor: <i>Rush Orthopedics Journal</i>	2014-2018
Resident Editor: <i>Rush Orthopedics Journal</i>	2012-2013

Invited Presentations at International Meetings

1. International Cartilage Regeneration & Joint Preservation Society (ICRS) 18<sup>th</sup> World Congress, Boston, USA, Oct 11-14, 2025.
  1. Moderator: Long-term Outcomes: Playing the Long Game
  2. Reactor: Back to the Future: Advancing the Oldest Cartilage Treatment
  3. Industry Speaker: Novel Knee Unloading Technologies: Clinical Insights on the Effectiveness of Patellofemoral Joint-Unloading and Tibiofemoral Joint-Distraction Unloading Braces
  4. Invited Lecture: Meniscus Transplant Fixation: With Bone or Without?
  5. Invited Lecture: Surface Topography
2. International Patellofemoral Study Group Conference, Big Sky, Montana, Aug 13-17, 2024
  1. Invited Lecture: Nomenclature in Obligate Patellar Disorders
  2. Invited Lecture: Use of Three-Dimensional Analysis in the Patellofemoral Joint
  3. Invited Panelist: Patellofemoral Cartilage Transplantation
3. International Cartilage Regeneration & Joint Preservation Society (ICRS) World Congress 2023, Sitges, Spain, September 9-12, 2023.
  1. Invited Lecture: Open Access vs Traditional Publications: What is the Future?

2. The Next Generation of Clinical Outcome
4. International Cartilage Regeneration & Joint Preservation Society (ICRS) 16<sup>th</sup> World Congress, Berlin, Germany, 4/13/2022: The Clinician-Scientist
5. International Cartilage Regeneration & Joint Preservation Society Webinar, November 17, 2021
  1. Case presentation and review of osteochondral allograft reconstruction of the shoulder and knee
  2. 269 registered participants from 49 different countries
6. International Cartilage Regeneration & Joint Preservation Society (ICRS) 15<sup>th</sup> World Congress, Vancouver, Canada, 2019: A Joint Effort: Clinical and Research Collaboration to Treat and Understand Knee Pathologies
7. Moderator: Osteoarthritis – Basic Science and Biomechanics – International Cartilage Regeneration & Joint Preservation Society (ICRS) World Congress, *May 11, 2015*, Chicago, IL

Invited Presentations at National Meetings

8. Annual AAOS/AOSSM/AANA Sports Medicine Course, Park City, Utah, Feb 1-4, 2026.
  1. Invited Lecture: What is the Secret Sauce for Early Knee OA
  2. Invited Panelist: Case Discussion—45-year-old M with Early Knee OA: What is My Algorithm for Orthobiologic Use in Practice?
  3. Invited Lecture: Revision ACL: Principles for Getting it Right
  4. Invited Panelist: YARD SALE/COMPLICATIONS—My Worst ACL Complications
  5. Invited Panelist: Ask the Experts—Lower Extremity
  6. Technique Spotlight: Slope Reducing Osteotomies
  7. Invited Panelist: YARD SALE/COMPLICATIONS—Case Discussion: Failed TTOs, HTO Fractures
  8. Invited Panelist: It's a Joint Problem—Case Discussion: 25-year-old F Athlete with Patella and Trochlear Cartilage Defect: What are My Options?
  9. Invited Panelist: Your Patella Has a Complex
  10. Technique Spotlight: MPFL
9. Orthopedics Today Hawaii, Waikoloa Village, Hawaii, Jan 11-15, 2026
  1. Invited Panelist: Mastering the Knee: Tackling the Toughest Controversies in 2026
  2. Invited Panelist: ACL Injury
  3. Invited Panelist: Treatment of Cartilage Industry and Biologics for the Aging Knee
  4. Session Chair: The Patellofemoral Joint
  5. Invited Panelist: Complex Knee Trauma and Multiligament Knee Injury
10. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, Nashville, July 10-13, 2025
  1. Invited Lecture: Stabilizing the Knee: Extra-Articular Procedures
  2. Invited Lecture: Advanced Solutions for Challenging Shoulder Pathologies

3. Technique Spotlight: Drill Baby Drill! Transosseous Approach for Medial Meniscus Root Repair
11. Arthroscopy Association of North America (AANA), Washington D.C., May 8-10, 2025
  1. Invited Lecture: Do Less, Not More
12. Orthopedics Today Hawaii, Koloa, Hawaii, Jan 12-16, 2025
  1. Invited Panelist: Knee Deep in 2025: Mastering Current Treatment of Knee Disorders
13. American Orthopaedic Society of Sports Medicine Annual Meeting, Denver, Colorado, July 10-14, 2024
  1. Instructional Course Lecture (ICL): Patellofemoral Joint Preservation: A Case-Based Approach to Managing Chondrosis
  2. Instructional Course Lecture (ICL): Case-Based Diagnosis and Management of Patellofemoral Cartilage Injuries
  3. Invited Speaker: GAME CHANGER: Innovations in Orthopaedic Sports Medicine
14. Athletico Invited Lecture, July 22, 2023.
  1. Management of Patella Dislocations
15. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, Washington DC, July 12-16, 2023
  1. Invited Lecture: Case Presentation: Osteochondral Allograft (OCA) Biologic Augmentation
  2. Invited Lecture: Technique Spotlight Video: Osteochondral Allograft Resurfacing of the Patella
  3. Invited Course Lecture: Patellofemoral Cartilage Pathology Diagnosis and Management from Non-op to Arthroplasty
  4. Panel Discussion: Challenging Injuries in Cartilage
  5. Keystone Theater Session:
16. Arthroscopy Association of North America (AANA) Annual Meeting 2023, New Orleans, May 4-7, 2023
  1. Invited Course Lecture: Diagnosis and Management of Patellofemoral Cartilage Injuries
  2. Invited Lecture: Osteochondritis Dissecans: Fragment Fixation vs. Retrograde Drilling
  3. Invited Lecture: My Tips of Clinical Evaluation and Radiographical Assessment with Patella Instability
  4. Panel Discussion: Patellofemoral
  5. Panel Discussion Moderator: Patellofemoral Cartilage Injuries
  6. Arthroscopy Association of North America (AANA)/Orthoregeneration Network (ON) Foundation Best Orthoregeneration Pearl & Technique Award 2023
17. Biologic Association 4<sup>th</sup> Annual Summit, New Orleans, May 6-7, 2023
  1. Program Chair
  2. Invited Lecture: Cytokines and Correlation with Early Chondral Damage
  3. Panel Discussion: Orthobiologics in Clinical Practice: Knee
  4. Panel Moderator: What's on the Horizon?
18. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, Nevada. March 6-11, 2023
  1. Industry Session: Leveraging Patient-Reported Outcomes in Clinical Practice
  2. Invited Lecture: Manage Distally: Tubercle Osteotomy, How I Plan it and What I Do

3. Instructional Course Lecture: Patellofemoral Osteochondral Allograft Algorithm and Technique
  4. Panel Member: Challenges in the Patellofemoral Joint
  5. American Orthopaedic Society for Sports Medicine (AOSSM)/International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Specialty Society Program
19. American Academy of Orthopaedic Surgeons (AAOS)/American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) Sports Medicine Course, Park City, Utah, January 22-25, 2023
1. Pre-Recorded Content: Osteochondral Allograft (OCA) Treatment of the Patellofemoral (PF) Joint- How I Do It and Algorithm
  2. Invited Lecture: Evidence Review: Meniscus Repair in 2023- Repair Them All!
  3. Invited Lecture: Case Presentation: 1<sup>st</sup> Time Patella Dislocation
  4. Invited Lecture: Technique Spotlight: Tibial Tubercle Osteotomy (TTO) in 7 Minutes
  5. Invited Lecture: Case Presentation: Distal Clavicle Fracture with Coracoclavicular (CC) Disruption in a 48 y/o Female who Likes Yoga and Nordic
  6. Panel Member: Shoulder- Rotator Cuff: Case Based Learning
  7. Panel Member: Knee Joint Disorders- The Meniscus: Case Based Learning
20. American Academy of Orthopaedic Surgeons (AAOS) Advanced Techniques in the Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More, Rosemont, Illinois, October 13-15, 2022
1. Invited Lecture: New Cartilage Technologies in 2022: Ready for Prime Time?
  2. Invited Lecture: Assessment of Patellar Instability: Consider These Factors
  3. Invited Lab Instructor
  4. Moderator: Sharing My Tough Cases and Summary Case Presentations: Bring Your Own Cases From Home
21. Arthroscopy Association of North America (AANA) Webinar Wednesday, 4/20/2022: Patellofemoral: Trochleoplasty
22. Invited Lectures: 22<sup>nd</sup> Annual American Academy of Orthopaedic Surgeons (AAOS)/American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) Sports Medicine Course: Keeping Patients Active Through Biologics, Rehabilitation, February 2-6, 2022, Park City, Utah
1. Amnion, Allografts, and What's on the Horizon
  2. Case Presentation: 52 y/o male, former air force surgeon w/lateral sided knee pain
  3. Technique Spotlight & Outcomes: Osteochondral Allograft Pearls and Techniques
  4. Technique Spotlight & Outcomes: How I handle the failed Anterior Cruciate Ligament (ACL) – My 7 Pearls
  5. Technique Spotlight: Medial Patellofemoral Ligament (MPFL) Reconstruction – How to get this right?
  6. Joint Restoration Foundation (JRF) Ortho: Spotlight Session – Osteochondral allografts
  7. Moderator: Patellofemoral Joint Session
  8. Panel Member: All the Other Ligaments
23. Orthopedic Summit Annual Meeting, Las Vegas, Nevada, December 11-14, 2021:
1. Debate: 36-Year-Old Motocross Rider With Knee Pain & Previous Injury Now Unable To Compete, Wants Solutions

- i. Pro: Snowman Osteochondral Allograft: Two Is Always Better Than One
2. Feature Lecture: Performing A Patellofemoral Alignment Procedure: Getting It Right the First Time
3. Debate: 23-Year-Old Female MPH Student In A Pick Up Basketball Game Dislocated Her Patella For The 5th Time Known To Have A Caton-Deschamps (C-D) 1.4 With Severe Trochlear Dysplasia
  - i. Debate Moderator
4. Evolving Technique: My Options For Reconstruction Of The Medial Patellofemoral Ligament (MPFL): How I Get It Right
24. Combined American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) Annual Meeting, Nashville, TN, July 8, 2021:
  1. Instructional Course Lecturer: Patellofemoral Instability from Simple to Complex: How to Get it Right and Avoid Complications
  2. Instructional Course Lecturer: So, You've Mastered Medial Patellofemoral Ligament (MPFL) Reconstruction: What Else to Add, and When?
  3. Invited Lecture: Surgical Technique Spotlight: Medial Patellofemoral Ligament (MPFL) Reconstruction Made Simple
  4. Presentation: In-Vitro Analysis of Acute Interventions for Post-Traumatic Osteoarthritis
25. Instructional Course Lecturer: Arthroscopy Association of North America (AANA) Annual Meeting, May 5, 2019, Denver, CO: Innovative Techniques for Complex Meniscal Repair, Substitution, and Meniscal Allograft Transplantation
26. Orthopaedic Research Society (ORS) Regional Symposium, Chicago, IL, 2019: Keynote Speaker - Cartilage Restoration: A Clinically Meaningful Approach
27. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 11-14, 2019, Boston, Massachusetts, Patellofemoral Instability Instructional Course Lecture
28. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 5-8, 2018, San Diego, California
  1. Invited Lecture – Medial Patellofemoral Ligament (MPFL): Is That All We Need?
  2. Panel Discussion: Patellofemoral Case Review
  3. Live Surgery: Medial Patellofemoral Ligament (MPFL) Reconstruction
29. Arthroscopy Association of North America (AANA) Annual Meeting, September 21-25, 2018, Boston, Massachusetts: Invited Lecture: Knee Case Presentation: Root Repair is Best
30. Instructional Course Lecturer: American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, New Orleans, LA, March 6-10, 2018:
  1. Patient Reported Outcomes in Orthopedics-Why and How We Collect Them
  2. The Four Most Common Types of Cartilage Damage You Will See in Practice- How We Treat Them and Why
  3. Collaborative Research
  4. Primary Anterior Cruciate Ligament Failure: How Do I Get It Right the Second Time!
31. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, July 20-23, 2017, Toronto, Canada
  1. Invited Lecture: Posterior Instability – Getting It Right
  2. Instructional Course Lecturer – Return to Play Criteria After Anterior Cruciate Ligament (ACL) Reconstruction: From Basic Science to Clinical Outcome

32. Instructional Course Lecturer: Arthroscopy Association of North America (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
33. Instructional Course Lecturer: American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, San Diego, CA, March 14-17, 2016:
  1. Patient Reported Outcomes in Orthopedics-Why and How We Collect Them
  2. The Four Most Common Types of Cartilage Damage You Will See in Practice- How We Treat Them and Why
  3. Collaborative Research
  4. Primary Anterior Cruciate Ligament Failure: How Do I Get It Right the Second Time!
34. Case Discussion Panelist: American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration: The Modern Frontier: Case Studies and Q & A from the Faculty – *March 31<sup>st</sup> – April 2<sup>nd</sup>, Rosemont, IL*
35. American Orthopaedic Society for Sports Medicine (AOSSM) Specialty Day Invited Presenter: Surgical Decision Making: How Do We Measure Glenoid Bone Loss, *March 5, 2016, Orlando, FL*
36. Case Presentation: Articular Cartilage Disease and Meniscal Deficiency - American Academy of Orthopaedic Surgeons (AAOS) Round Table, *March 4, 2016, Orlando, FL*
37. Frank RM, Verma NN, Bach BR Jr, Bush-Joseph CB, Yanke AB, Cole BJ. Knee Preservation with Osteotomy. (American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting Orthopaedic Video Theatre. Orlando, FL. March 1-5, 2016)
38. Case Presentation: Articular Cartilage Disease and Meniscal Deficiency - American Academy of Orthopaedic Surgeons (AAOS) Round Table, *March 24, 2015, Las Vegas, NV*
39. Cvetanovich GL, Erickson BJ, Waliullah K, Yanke AB, Gross CE, Stover G, Cole BJ, Bach Jr. BR, Sherman S. Scientific Exhibit: Two Stage Revision Anterior Cruciate Ligament (ACL) Reconstruction: Indications, Techniques, and Outcomes. (*Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
40. Invited Presenter: Cartilage Restoration Update – Great Lakes Athletic Trainers Association (GLATA) Meeting, *March 13, 2015, Wheeling, IL*
41. Presenter: Surgical Management of Articular Cartilage Defects of the Knee – American Academy of Orthopaedic Surgeons (AAOS) Instructional Course Lecture (ICL), *March 24, 2015, Las Vegas, NV*
42. Yanke AB, Bell RL, Lee AS, Shewman E, Wang VM, Bach BR. Bone-Patellar Tendon-Bone Allograft Biomechanics: Region and Irradiation. (*Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS), March 2014, New Orleans, LA*)
43. 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: American Academy of Orthopaedic Surgeons (AAOS), New Orleans, LA (March 2014)*)
44. 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: American Academy of Orthopaedic Surgeons (AAOS), New Orleans, LA, March, 2014*)

45. Yanke AB, Chalmers PN, Verma NN, Romeo AA. Biceps Tenodesis: Open Subpectoral and Arthroscopic Technique (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), Chicago, IL, March 2013*)
46. McDonald LS, Waltz RA, Yanke AB, Dewing CB, Provencher MT. Posterior Shoulder Instability: Diagnosis and Treatment for a Painful Secret. (*Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA 2012*)
47. Bhatia S, Yanke AB, Ghodadra N, Sherman S, Romeo A, Verma N. Arthroscopic Suprascapular Nerve Decompression: Etiology, Diagnosis, and Surgical Technique (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA, February 2012*)
48. Chalmers P, Yanke AB, Sherman S, Karas V, Cole BJ. Combined Realignment and Cartilage Restoration for a Patellar Chondral Lesion (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA, February 2012*)
49. Yanke AB, Van Thiel GS, LeClere LE, Solomon DJ, Provencher MT. Posterior Shoulder Instability (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Diego, CA, February 15-19, 2011*)

#### Invited Presentations at Regional Meetings

50. Chicago Sports Medicine Symposium, Chicago, IL, September 2018
  1. Patellofemoral Case Panel: The Good, Bad, and the Ugly
  2. Medial Patellofemoral Ligament (MPFL) Reconstruction: Anatomy, Technique and Outcomes
  3. Patellofemoral Pain: What Can We Do?
  4. Live Surgery: Medial Patellofemoral Ligament (MPFL) Reconstruction
51. Chicago Sports Medicine Symposium August 2017: Chicago, IL – Co-Chairman
  1. Cartilage Restoration Center Special Section
  2. Invited Lecture – Medial Patellofemoral Ligament (MPFL): Is That All We Need?
  3. Panel Discussion: Patellofemoral Case Review
  4. Panel Discussion: Osteochondritis Dissecans (OCD) Case Review
  5. Panel Discussion: Tibiofemoral Cartilage Defect Case Review
  6. Small Cartilage Defect Treatment Options
  7. Live Surgery: MACI and Tibial Tubercle Osteotomy (TTO)
52. Chicago Sports Symposium 2016: Invited lecturer, Moderator, and Panelist, *August 5-7, 2016, Chicago, IL*
53. Chicago Sports Symposium 2015: Invited lecturer, Moderator, and Panelist, *August 14-16, 2015, Chicago, IL*
54. Presenter: Knee Dislocations- Acute Care and Ligament Reconstructive Options: Chicago Trauma Symposium – *September 5-6<sup>th</sup>, 2014, Chicago, IL*
55. Presenter: Cartilage Restoration in the Traumatic Knee: Chicago Trauma Symposium – *September 5-6<sup>th</sup>, 2014, Chicago, IL*

#### Oral Presentations at International Meetings

1. Prigmore B, Haneberg E, Elias TJ, Cole BJ, Yanke AB, Crawford D. *Accelerated Rehabilitation Following Fresh Osteochondral Allograft (FOCA) Transplant Surgery is Equally Safe*

- and Effective Compared to Traditional Protocols.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
2. Dandu N, Wang Z, Credille K, Elias T, Darwish R, Haneberg E, Cole BJ, Yanke AB. *Longitudinal Assessment of Synovial Fluid Cytokines After Cartilage Transplantation in the Knee.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  3. Elias T, Haneberg E, Dandu N, McCormick J, Beals C, Walker A, Wang Z, Cole BJ, Yanke AB. *Intra-articular Vascular Endothelial Growth Factor (VEGF) and Matrix Metalloproteinase-1 (MMP-1) are the Primary Drivers of Worse Baseline Knee Injury and Osteoarthritis Outcome Score (KOOS) Subscores at Time of Knee Chondroplasty.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  4. Dandu N, Elias T, Haneberg E, Beals C, Brusalis C, Kaplan D, Allahabadi S, Cole BJ, Yanke AB. *Radiographs Demonstrate Poor Accuracy for Evaluation of Osseous Integration for Osteochondral Allograft Transplants of the Knee.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  5. Elias T, Credille K, Wang Z, Nozomu I, Espinoza A, Beals C, Haneberg E, Hevesi M, Cole B, Yanke AB. *Accuracy of Distal Femoral Condyle Osteochondral Allograft Transplantation Using Patient Specific Instrumentation.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  6. Elias T, Haneberg E, Morgan V, Walker A, Beals C, Cole BJ, Yanke AB. *Effect of Current Osteochondral Allograft Harvesting Techniques on Regional Chondrocyte Viability.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  7. Elias T, Haneberg E, Brusalis C, Forlenza E, Wang Z, Kogan M, Kaleka C, Krych A, Yanke AB. *What is the Effect on Leg Length Following Lateral Opening Versus Medial Closing Distal Femoral Osteotomies?* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  8. N. Dandu, S. Defroda, N. Trasolini, A. Zavras, R. Darwish, B. Cole, A. Yanke. *Synovial Fluid Matrix Metalloproteinase-1 (MMP-1) and Vascular Endothelial Growth Factor (VEGF) Concentration Correlates with Chondral Defects Severity and Symptoms in the Knee.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Berlin, Germany. April 12-15, 2022.
  9. A. Yanke, M. Hevesi, N. Trasolini, N. Dandu, R. Darwish, A. Zavras; B. Cole. *A Risk Calculator to Predict Early Patient Election to Proceed with Cartilage Transplant Following Chondroplasty.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Berlin, Germany. April 12-15, 2022.
  10. A. Yanke, N. Dandu, B. Bodendorfer, N. Trasolini, R. Darwish, A. Zavras, B. Forsythe, B. Cole. *A Randomized Trial of Bone Marrow Aspirate Concentrate for Osteochondral Allograft Transplantation Incorporation.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Berlin, Germany. April 12-15, 2022.
  11. N. Dandu, N. Horner, N. Trasolini, W. Cregar, H. Huddleston, N. Inoue, A. Yanke. *Anatomic Factors Associated with Osteochondral Allograft Matching for Trochlear Cartilage Defects.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Berlin, Germany. April 12-15, 2022.

12. Inoue N, Huddleston HP, Yanke AB. Factors Contributing to Graft Matching in a Patellar Osteochondral Allograft Selection Model. E- Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) July 9-12, 2020, Seattle, WA. Poster Presentation: Orthopaedic Research Society (ORS) February 8-11, 2020, Phoenix, AZ
13. Southworth T, Naveen N, Tauro T, Cole BJ, Yanke AB. *Diagnostic Scope Vs. Cartilage Procedure: Who Will Progress?* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
14. Southworth T, Naveen N, Beletsky A, Okoroha K, Jildeh T, Tauro T, Yanke AB, Cole BJ. *The Effect of Body Mass Index (BMI) on Patient Reported Outcome Scores in Osteochondral Allograft Transplantation.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
15. Beletsky A, Southworth T, Naveen N, Nwachukwu B, Chahla J, Verma N, Yanke AB, Cole BJ. *Clinically Significant Outcome Achievement after Osteochondral Allograft Surgery.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
16. Beletsky A, Nwachukwu B, Southworth T, Okoroha K, Naveen N, Forsythe B, Verma N, Cole BJ, Yanke AB. *Performance of Patient-Reported Outcomes Measurement Information System (PROMIS) Instruments in Patients Undergoing Anterior Cruciate Ligament (ACL) Reconstruction Compared to Cartilage Procedure.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
17. Naveen N, Tauro T, Southworth T, Baker J, Beletsky A, Chahla J, Verma N, Yanke AB, Cole BJ. *Outcomes after Microfracture with Traditional Awl vs. Powerpick.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
18. Beletsky A, Skallerud W, Tauro T, Baker J, Southworth T, Naveen N, Chahla J, Nwachukwu B, Cole BJ, Verma N, Yanke AB. *Return to Sport and Work Following Microfracture.* Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada.
19. Christian D, Redondo M, Hannon C, Cancienne J, Shewman E, Cole BJ, Farr J, Yanke AB. *Differential Contributions of the Quadriceps and Patellar Insertions of the Medial Patellofemoral Complex to Lateral Patellar Restraint.* Podium Presentation: International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada.
20. Chahla J, Naveen NB, Southworth TM, Cancienne J, Yanke AB. *The Anatomy and Length Changes of the Lateral Patellofemoral Ligament and Lateral Patellotibial Ligament.* Podium Presentation: International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada.
21. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
22. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)

23. Riff A, Shin J, **Yanke AB**, Cole BJ. Midterm Results of Osteochondral Allograft Transplantation to the Humeral Head.
  - a. *Podium Presentation*: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015
24. 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.
25. **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*: ISHA, Paris, France, October 15, 2011
26. Cole JS, Wang VM, Yanke AB, Singaraju V, Kang RW, Turner DA, Cole BJ. *Efficacy of Magnetic Resonance Imaging (MRI) in Quantifying Physiologic Changes of the Human Musculo-tendinous Unit After Chronic Rotator Cuff Tears*. Podium Presentation: Herodicus Annual Meeting, Florence Italy, May 2007.

#### Oral Presentations at National Meetings

1. Smelley CC, Sachdev D, Augustin EJ, Acheampong KK, Angotti ML, Hakimiyani A, Yanke AB. *Cold Saline Submersion Preserves Chondrocytes During Osteochondral Allograft Harvest*. Podium Presentation: Arthroscopy Association of North America (AANA) 2026 Annual Meeting; May 14-16, 2026; Phoenix, Arizona.
2. Yanke AB, Sachdev D, Smelley C, Augustin E, Acheampong K, Lemme N, Yuh C. *3D Anatomic Variations Associated With TT-TG and PTLTR in Patellofemoral Instability Patients: A Statistical Shape Modeling Study*. Podium Presentation: Orthopaedic Research Society (ORS) Annual Meeting; March 27-31, 2026; Charlotte, North Carolina.
3. Augustin EJ, Acheampong KK, Turinske T, Lee CL, Jagasia A, Angotti M, Versage K, Moran TE, Yanke AB. *Magnetic Resonance Imaging and Clinical Outcomes 2 Years After Trochleoplasty*. Podium presentation: Clinical Orthopedic Society Annual Meeting, Amelia Island, Florida. September 4, 2025.
4. Felipe F. Gonzalez; Leonardo F. Metsavaht; Eliane C. Guadagnin; Jonathan Gustafson; Lucas Pallone; Enzo Mameri; Adam Yanke; Marcus Luzo; Jorge Chahla; Gustavo Leporace. *Patellofemoral Pain Syndrome Movement Profiles And Clinical Correlation: An Unsupervised Machine Learning Approach*. Podium Presentation: Orthopaedic Research Society (ORS).
5. Elias T, Haneberg E, Brusalis C, Forlenza E, Phillips A, Wang A, Kogan M, Cohen Kaleka C, Krych A, Yanke A. *What Is The Effect On Leg Length Following Lateral Opening Versus Medial Closing Distal Femoral Osteotomies?* Podium Presentation. Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
6. Dandu N, Elias T, Hevesi M, Trasolini N, Haneberg E, Zavras A, Yanke AB. *The Presence of a Trochlear Bump and Patella Alta may Predict the Risk of Recurrent Instability After Isolated Medial Patellofemoral Ligament Reconstruction: A Systematic Review and Meta-Analysis*. Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS). San Francisco, CA. February 12-16, 2024.

7. Allahabadi S, Haneberg E, Elias TJ, McMorrow KJ, Yanke AB, Cole BJ. “Osteochondral Allografts: Pearls to Maximize Biologic Healing and Clinical Success”. Arthroscopy Association of North America Annual Meeting. May 2023, New Orleans.
8. Huddleston, H., Mehta, N., Polce, E., Gilat, R., Alzein, M., Parvaresh, K., Verma, N., Cole, B., & **Yanke, A.** (2021). Time to Achieving Clinically Significant Outcomes after Meniscal Allograft Transplantation. Orthopaedic Journal of Sports Medicine. <https://doi.org/10.1177/2325967121500205> (Podium Presentation: American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) July 7-11, 2021, Nashville, TN)
9. Condrón NB, Gilat R, Haunschild E, Evuarherhe A, Drager J, Verma NN, Yanke AB, Cole BJ. Prospective, Randomized Double-Blind Clinical Trial to Investigate the Efficiency of Autologous Bone Marrow Aspirate Concentrate Post-Meniscectomy: Preliminary Results. (Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) August 31-September 3, 2021, San Diego, CA)
10. Inoue N, Huddleston HP, Yanke AB. Factors Contributing to Graft Matching in a Patellar Osteochondral Allograft Selection Model. E-Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) July 9-12, 2020, Seattle, WA.
11. Redondo ML, Christian DR, Inoue N, Atsushi U, Cole BJ, **Yanke AB.** Topographic Cartilage and Osseous Matching of a Single Oblong Osteochondral Allograft for Cartilage Defect Treatment on the Medial Femoral Condyle. (Podium Presentation: Arthroscopy Association of North America (AANA) May 2-6, 2019)
12. Christian D, Redondo M, Cancienne J, Shewman E, Cole BJ, Farr J, **Yanke.** The Biomechanical Effects of Lateral Release on Lateral Patellar Displacement at Varying Flexion Angles. (Podium Presentation: Arthroscopy Association of North America (AANA) May 2-6, 2019)
13. Christian D, Redondo M, Hannon C, Cancienne J, Shewman E, Cole BJ, Farr, **Yanke AB.** Differential Contributions of the Quadriceps and Patellar Attachment of the Medial Patellofemoral Complex to Lateral Patellar Restraint. (Podium Presentation: Arthroscopy Association of North America (AANA) May 2-6, 2019)
14. Avi, David, Joe, Grant, Michael, Yanke, Cole. Return to Work Following Isolated Opening Wedge High Tibial Osteotomy. (Podium Presentation: Arthroscopy Association of North America (AANA) May 2-6, 2019)
15. Lansdown DA, Dawe R, Cvetanovich GL, Verma NN, Cole BJ, Bach BR, Nicholson GP, Romeo AA, **Yanke AB.** Automated 3D Magnetic Resonance Imaging (MRI) Allows for Accurate Evaluation of Glenoid Bone Loss as Compared to 3D Computed Tomography (CT). (Podium Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) July 5-8, 2018, San Diego, CA)
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23. Chubinskaya S, Urita A, Meyer M, Hakimiyani 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016*)
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25. 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: American Academy of Orthopaedic Surgeons (AAOS) Meeting 2016*)
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27. Riff A, Shin J, **Yanke AB**, Cole BJ. Midterm Results of Osteochondral Allograft Transplantation to the Humeral Head. *Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*
28. **Yanke AB**, Shin J, Cvetanovich G, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. Glenoid Bone Loss: Three Dimensional Magnetic Resonance Imaging (MRI) versus Computed Tomography (CT) Reconstructions.

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- b. *Podium Presentation*: American Orthopaedic Association (AOA)/Canadian Orthopaedic Association (COA) Combined Meeting Montreal, QC, Canada, June 18-21, 2014
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31. Cvetanovich GL, Chalmers PN, **Yanke AB**, Gupta AK, Klosterman EL, Verma NN, Romeo AA. Feasibility of an Osteochondral Allograft for Biologic Glenoid Resurfacing. (*Podium Presentation*: American Academy of Orthopaedic Surgeons (AAOS), March 2014, New Orleans, LA)
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33. 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 (*Podium Presentation*: American Orthopaedic Society for Sports Medicine (AOSSM), Keystone, CO, July 9-12, 2009)
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36. **Yanke AB**, Cole BJ, Kang RW, Chubinskaya S, Williams JM, Gomoll AH. Long-Term Effects of Continuous Intra-articular Bupivacaine Infusion in the Rabbit Shoulder. (*Podium Presentation*: American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, Calgary, Canada, July 12-15, 2007)
37. Augustin EJ, Acheampong KK, Turinske T, Lee CL, Jagasia A, Angotti M, Versage K, Moran TE, Yanke AB. *Magnetic Resonance Imaging and Clinical Outcomes 2 Years After Trochleoplasty*. Podium presentation: Clinical Orthopedic Society Annual Meeting, Amelia Island, Florida. September 4, 2025.
38. Dandu N, Elias T, Hevesi M, Trasolini N, Haneberg E, Zavras A, Yanke AB. The Presence of a Trochlear Bump and Patella Alta may Predict the Risk of Recurrent Instability After Isolated Medial Patellofemoral Ligament Reconstruction: A Systematic Review and Meta-

- Analysis. Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS). San Francisco, CA. February 12-16, 2024.
39. Allahabadi S, Haneberg E, Elias TJ, McMorrow KJ, Yanke AB, Cole BJ. "Osteochondral Allografts: Pearls to Maximize Biologic Healing and Clinical Success". Arthroscopy Association of North America Annual Meeting. May 2023, New Orleans.
  40. Huddleston, H., Mehta, N., Polce, E., Gilat, R., Alzein, M., Parvaresh, K., Verma, N., Cole, B., & **Yanke, A.** (2021). Time to Achieving Clinically Significant Outcomes after Meniscal Allograft Transplantation. Orthopaedic Journal of Sports Medicine. <https://doi.org/10.1177/2325967121S00205> (Podium Presentation: American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) July 7-11, 2021, Nashville, TN)
  41. Condrón NB, Gilat R, Haunschild E, Evuarherhe A, Drager J, Verma NN, Yanke AB, Cole BJ. Prospective, Randomized Double-Blind Clinical Trial to Investigate the Efficiency of Autologous Bone Marrow Aspirate Concentrate Post-Meniscectomy: Preliminary Results. (Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) August 31-September 3, 2021, San Diego, CA)
  42. Inoue N, Huddleston HP, Yanke AB. Factors Contributing to Graft Matching in a Patellar Osteochondral Allograft Selection Model. E- Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) July 9-12, 2020, Seattle, WA. Poster Presentation: Orthopaedic Research Society (ORS) February 8-11, 2020, Phoenix, AZ
  43. Christian D, Redondo M, Hannon C, Cancienne J, Shewman E, Cole BJ, Farr J, **Yanke AB.** Differential Contributions of the Quadriceps and Patellar Insertions of the Medial Patellofemoral Complex to Lateral Patellar Restraint. (*Podium Presentation:* International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada)
  44. Chahla J, Naveen NB, Southworth TM, Cancienne J, **Yanke AB.** The Anatomy and Length Changes of the Lateral Patellofemoral Ligament and Lateral Patellotibial Ligament. (*Podium Presentation:* International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada)
  45. Redondo ML, Christian DR, Inoue N, Atsushi U, Cole BJ, **Yanke AB.** Topographic Cartilage and Osseous Matching of a Single Oblong Osteochondral Allograft for Cartilage Defect Treatment on the Medial Femoral Condyle. (*Podium Presentation:* Arthroscopy Association of North America (AANA) May 2-6, 2019)
  46. Christian D, Redondo M, Cancienne J, Shewman E, Cole BJ, Farr J, **Yanke.** The Biomechanical Effects of Lateral Release on Lateral Patellar Displacement at Varying Flexion Angles. (*Podium Presentation:* Arthroscopy Association of North America (AANA) May 2-6, 2019)
  47. Christian D, Redondo M, Hannon C, Cancienne J, Shewman E, Cole BJ, Farr, **Yanke AB.** Differential Contributions of the Quadriceps and Patellar Attachment of the Medial Patellofemoral Complex to Lateral Patellar Restraint. (*Podium Presentation:* Arthroscopy Association of North America (AANA) May 2-6, 2019)
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  57. Weber A, Meyer M, Griffin J, Poland S, **Yanke AB**, Cole B. Do Outcomes Differ Following Osteochondral Allografts (Osteochondral Allograft (OCA)) of the Knee for Osteochondritis Dissecans (OCD) Based on Patient Age? (*Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016*)
  58. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016*)
  59. Urita A, Meyer M, Hakimiyan A, Chubinskaya S, Cole B, **Yanke AB**. Recovery Effect of Normal Synovium in Response to Damaged Cartilage (*Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016*)
  60. Chubinskaya S, Urita A, Meyer M, Hakimiyan A, Rappoport L, Margulis A, **Yanke AB**, Verma N, Romeo A, Cole B. Biological characteristics of human

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61. Urita A, **Yanke AB**, Meyer M, Inoue N, Cole B. Basic Science of Cartilage Repair Technology II (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  62. Weber A, Locker P, Tilton A, Cvetanovich G, Erickson B, **Yanke AB**, Cole B. Clinical Research: Osteochondral Repair & Biomaterials (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  63. 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.
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#### Oral Presentations at Regional Meetings

1. Yanke AB, Hakimiyan A, Chubinskaya S. *Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Normal and Interleukin-1-treated Articular Chondrocytes*. Podium Presentation: Orthopaedic Research Society (ORS)/Orthopaedic Research and Education Foundation (OREF) Midwest Resident Research Symposium, May 17, 2013, Chicago, IL.
2. Yanke AB, Rueger DC, Hakimiyan A, Chubinskaya S. *Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Normal and Interleukin-1 Treated Articular Chondrocytes*. Podium Presentation: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 23, 2008.
3. McNickle A, Wang VM, Yanke AB, Kang RW, Cole BJ, Williams JM. *Performance of a Sterile Meniscal Allograft in Sheep*. Podium Presentation: Rush University Forum for Research and Clinical Investigation, Chicago, IL April 11, 2007.

#### Invited Seminars and Lectures

1. Stryker Teaching Institution Webinar:
  - a. Complex Knee Procedures; 4/17/24

2. Team Rehabilitation Physical Therapy
  - a. Rotator Cuff Repairs: 2/2024
  - b. Current Concepts in Cartilage Restoration 6/2024
3. Kinemed Patellofemoral Arthroplasty Webinar
  - a. Indications and Techniques for Patellofemoral Arthroplasty (PFA) 1/2024
4. American Academy of Orthopaedic Surgeons (AAOS) Plus Webinar: Indications and Technique
  - a. Rotator Cuff Repair Augmentation
5. International Cartilage Regeneration & Joint Preservation Society (ICRS)/Joint Restoration Foundation (JRF) Ortho Webinar: Case Presentation and Review of Osteochondral Allograft Reconstruction of the Shoulder and Knee, Host, November 17, 2021
6. American Orthopaedic Association (AOA) Emerging Leaders Forum: Partnering for Success with Patient-Reported Outcomes, Faculty, September 15, 2020
7. American Academy of Orthopaedic Surgeons (AAOS) Fundamentals of Knee and Shoulder Arthroscopy for Orthopaedic Residents, Rosemont, IL, October 25-27, 2019: Course Director.
8. American Academy of Orthopaedic Surgeons (AAOS) Resident Arthroscopy Course: Co-Director, Rosemont, IL, October 25-27, 2019
9. Chicago Sports Summit Chicago, IL, October 2, 2019.
10. Instructional Course Lecturer: Arthroscopy Association of North America (AANA) Annual Meeting, Denver, CO, May 5 2019: Innovative Techniques for Complex Meniscal Repair, Substitution, and Meniscal Allograft Transplantation
11. Arthroscopy Association of North America (AANA)/Foundation for Orthopaedic Research and Education (FORE) Chicago, IL, September 13-15, 2019
  - a. Live Surgery: Osteochondral Allograft Transplantation
  - b. Live Surgery: Medial Patellofemoral Ligament (MPFL) Reconstruction
  - c. Meniscus and Patellofemoral
  - d. Patellofemoral and Meniscus
12. American Academy of Orthopaedic Surgeons (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
13. American Academy of Orthopaedic Surgeons (AAOS)/American Orthopaedic Society for Sports Medicine (AOSSM)/Arthroscopy Association of North America (AANA) Sports Medicine Course, Park City, UT, January 30-February 3, 2019: Invited Lectures
  - a. Platelet-Rich Plasma (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 National Basketball Association (NBA) player
  - d. Case Presentations: Articular Cartilage and Meniscal Deficiency
  - e. Case Presentations: Patellofemoral Instability and Articular Cartilage Disease of the Patellofemoral Joint
14. American Academy of Orthopaedic Surgeons (AAOS) Resident Arthroscopy Course: Co-Director, Rosemont, IL, September 21-23, 2017

15. Arthroscopy Association of North America (AANA) Emerging Concepts in Patellofemoral Surgery: From Instability to Arthroplasty- Lab Instructor, Rosemont, IL, September 8-10, 2017: Faculty and Lab Instructor
16. Arthroscopy Association of North America (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
17. 18<sup>th</sup> Annual American Academy of Orthopaedic Surgeons (AAOS)/American Orthopaedic Society for Sports Medicine (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?
18. Lab Instructor: American Orthopaedic Society for Sports Medicine (AOSSM) Fellows Course – *July 30 – Rosemont, IL*
19. 17<sup>th</sup> Annual American Academy of Orthopaedic Surgeons (AAOS)/American Orthopaedic Society for Sports Medicine (AOSSM) Sports Medicine Course: Keeping Patients Active through Innovation and Contemporary Surgical Techniques – *January 27-31, Steamboat, CO*
  - a. Anterior Cruciate Ligament (ACL) Technique Update in 2016: Quadriceps Tendon
  - b. Anterior Cruciate Ligament (ACL) Technique Update in 2016: Open Growth Plates
  - c. Moderator: Cartilage Update
  - d. Management of Osteochondritis Dissecans
  - e. Technique Focus: Autologous Chondrocyte Implantation
  - f. Patellar Instability (Lecture and Case Presentations)
20. Invited Presenter: Biologics and Rehabilitation Update – Illinois Athletic Trainers Association (IATA) Meeting, *November 8, 2015, Springfield, IL*
21. Arthroscopy Association of North America Patellofemoral Masters Course 2015: Associate Master Instructor, *September 11-13, 2015, Rosemont, IL*
22. Presenter: Arthroscopic Knot Tying Techniques: American Academy of Orthopaedic Surgeons (AAOS) - Fundamentals of Knee and Shoulder Arthroscopy for Residents – *September 12-14, Rosemont, IL*

#### Poster Presentations at International Meetings

1. Sachdev D, Amin J, Song C, Shinn D, Lemme N, Yanke AB. Accuracy of intended distalization in tibial tubercle osteotomy. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
2. Sachdev D, Augustin E, Oppenheim Z, Smelley C, Lemme N, Yanke AB. Instability resolution angle as a predictor of outcomes in patellofemoral stabilization surgery: a matched cohort analysis. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
3. Sachdev D, Smelley C, Song CB, Shinn D, Lemme N, Cole BJ, Yanke AB. Reduction in patellar height following isolated Medial Patellofemoral Ligament (MPFL) reconstruction. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society

- (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
4. Amin, J, Augustin, E, Acheampong, K, Smelley C, Yanke, AB. J-sign severity and baseline patient reported outcomes for patients with patellar instability. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
  5. Smelley CC, Augustin E, Oppenheim Z, Sachdev D, Shinn D, Lemme N, Yanke AB. When the J-Sign Won't Quit: Persistent Postoperative J-Sign Is Associated With Smaller Gains in Patient-Reported Outcomes. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
  6. Smelley CC, Sachdev D, Song C, Amin J, Shinn D, Lemme N, Cole BJ, Yanke AB. Unintended Distalization Following Anteromedializing Tibial Tubercle Osteotomy With Medial Patellofemoral Ligament (MPFL) Reconstruction. ePoster presentation: International Cartilage Regeneration & Joint Preservation Society (International Cartilage Regeneration & Joint Preservation Society (ICRS)) Annual Meeting, Boston, MA. October 11, 2025
  7. Elias T, Dandu N, Haneberg E, Kimmerling K, Mowry K, Hakimiyan A, Chubinskaya S, Cole BJ, Yanke AB. Hypothermically Stored Human Amniotic Membrane Allograft in the Repair of Chondral Defects in a Caprine Model. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  8. Wang Z, Credille K, Swindell H, McCormick J, Azad D, Alzein M, Haneberg E, Elias T, Cole BJ, Yanke AB. Untreated Cartilage Lesions Increase Failure of Meniscal Allograft Transplant: A Systematic Review of Risk Factors for Failure. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  9. Hevesi M, Wagner K, Quigley R, Meeker Z, Frazier L, Kaiser J, Cohen N, Yanke AB, Cole BJ. The Influence of Donor Demographics on Outcomes Following Knee Osteochondral Allograft Transplantation. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
  10. Nwachukwu B, Beletsky A, Naveen N, Okoroha K, Southworth T, Verma N, Yanke AB, Cole BJ. Patient-Reported Outcomes Measurement Information System (PROMIS) Instruments Correlate Better with Legacy Measures in Knee Cartilage Patients at Post-operative than at Pre-operative Assessment. (Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  11. Beletsky A, Skallerud W, Southworth T, Naveen N, Chahla J, Nwachukwu B, Yanke AB, Verma N, Cole B. Return to Sport and Work Following Osteochondral Autograft Transplantation. (Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  12. 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: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) May 12-16, 2019, Cancun, Mexico)
  13. 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: International Society of Arthroscopy, Knee Surgery and

- Orthopaedic Sports Medicine (ISAKOS) Congress Biennial Meeting 2017, Shanghai, China, June 4-8
14. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  15. 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. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  16. Tetreault M, Bitterman A, Urita A, Yanke AB, Lee S. Second Look and Histological Analysis after using DeNovo for Talar Osteochondral Lesion. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  17. 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-Year Follow-up. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  18. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  19. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
  20. 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: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress, Lyon, France, June 7-11, 2015)
  21. Saltzman BM, Riboh JC, Cole BJ, Yanke AB. Humeral Head Reconstruction with Osteochondral Allograft Transplantation: A Systematic Review. (Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015)
  22. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015)
  23. Riff A, Yanke AB, Tilton AK, Cole BJ. Outcomes of Osteochondral Allograft to the Femoral Condyle following Failed Microfracture. (Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015)
  24. Riff A, Shin J, Yanke AB, Cole BJ. Outcomes of Autologous Chondrocyte Implantation following Failed Microfracture. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015
  25. Cvetanovich GL, Chalmers PN, Yanke AB, Gupta AK, Klosterman EL, Verma NN, Romeo AA. Feasibility of an Osteochondral Allograft for Biologic Glenoid Resurfacing. Poster

- Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS), September, 2013, Izmir, Turkey
26. McCormick FM, Thomas J, Yanke AB, Salata MJ, Bedi A, Philippon MJ, Nho SJ. Labral reconstruction with Iliotibial 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
  27. Yanke AB, Stanley R, Walton D, Espinosa Orias A, Inoue N, Nho S. Gender Differences in Patients with Femoroacetabular Impingement: 3-D Quantification. ePoster Presentation: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014. Poster Presentation: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany
  28. 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. ePoster Presentation: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014. Poster Presentation: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany
  29. Singaraju V, Kang RW, Lewis PB, Yanke AB, Kamerlink J, Chubinskaya S, Williams JM, Wang VM, Romeo AA, Cole BJ. Biceps Tendonitis in Chronic Rotator Cuff Tears: A Histological Prospective. (E-Poster Presentation: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Annual Meeting, Florence, Italy, May 27-31, 2007)

#### Poster Presentations at National Meetings

3. Oppenheim Z, Acheampong K, Honore L, Sachdev D, Moran T, Yanke A. Functional Outcomes After MPFL Reconstruction With and Without Concomitant Bony Realignment. ePoster Presentation: Arthroscopy Association of North America (AANA) 2026 Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
4. Oppenheim Z, Moran T, Phillips A, Richter C, Singh H, Bi A, Cole BJ, Yanke A. Arthroscopic Findings After Knee Osteochondral Allografts: Classification & Graft Failure. ePoster Presentation: Arthroscopy Association of North America (AANA) 2026 Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
5. Yanke AB, Sachdev D, Smelley C, Augustin E, Acheampong K, Lemme N, Yuh C. 3D Anatomic Variations Associated With TT-TG and PTLTR in Patellofemoral Instability Patients: A Statistical Shape Modeling Study. Podium Presentation: Orthopaedic Research Society (ORS) Annual Meeting; March 27-31, 2026; Charlotte, North Carolina.
6. Yanke A, Augustin E, Acheampong K, Sachdev D, Lemme N, Yuh C. Multi-domain Statistical Shape Modeling of Anatomic Variations Underlying the J-sign in Patellofemoral Instability Patients. Poster Presentation: Orthopaedic Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.
7. Yanke AB, Augustin E, Oppenheim Z, Vega J, Gomez Verdejo F, Koluman A, Casanova F, Escribano G, Bi AS, Chahla J. Anatomic and Flexion-dependent Differences Between the Fibular Collateral Ligament, Anterolateral Ligament, and Iliotibial Band Fibers: Guiding Graft Fixation in Lateral Knee Reconstruction. Poster Presentation: Orthopaedic Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.

8. Yanke A, Haboba Nebel CS, Turinske T, Augustin E, Acheampong K, Haneberg E, Lundberg H. Validation of Finite Element Model Prediction of Patellofemoral Joint Mechanics. Poster Presentation: Orthopaedic Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.
9. Ackermann J, Sachdev D, Amin J, Yanke A. Tibial Tubercle–Posterior-Cruciate-Ligament Distance Fails to Capture Pathologic Patellar Lateralization in Trochlear Dysplasia. Poster presentation: Orthopedics Today Meeting; January 11-15, 2026; Waikoloa Village, HI.
10. Ackermann J, Amin J, Sachdev D, Yanke A. The Patellotrochlear Index (PTI) Overestimates Patellotrochlear Engagement in Patients with Trochlear Dysplasia: Introducing the Adjusted-PTI. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
11. Sachdev D, Acheampong KK, Augustin EJ, Oduguwa E, Lu Y, Bi AS, Yanke AB. Magnetic Resonance Imaging Measurements Associated with Lateral Meniscus Instability. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, HI.
12. Oppenheim Z, Sachdev D, Augustin E, Jamrozik T, Chahla J, Forsythe B, Cole B, Yanke A. Preoperative Pain Catastrophizing Predicts Worse Subjective Knee Scores, While J-Sign Is Associated With Elevated Kinesiophobia in Patients Undergoing MPFL Reconstruction. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
13. Augustin E, Sachdev D, Oppenheim Z, Turinske T, Moran TE, Chahla J, Forsythe B, Verma N, Cole B, Yanke A. Return to Sport Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
14. Amin J, Augustin E, Acheampong K, Smelley CC, Yum A, Lee C, Yanke AB. J-sign severity and baseline patient reported outcomes for patients with patellar instability. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
15. Smelley CC, Augustin E, Oppenheim Z, Sachdev D, Yum A, Lee C, Shinn D, Lemme N, Yanke AB. When the J-Sign Won't Quit: Persistent Postoperative J-Sign Is Associated With Smaller Gains in Patient-Reported Outcomes. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
16. Yanke AB, Smelley CC, Augustin E, Sachdev D, Acheampong KK, Bi AS, Angotti M. Quadriceps Tendon Autografts Yield Greater Cross-sectional Area Than Bone-Patellar Tendon-Bone Autografts for Anterior Cruciate Ligament Reconstruction With Additional Variation Based on Harvest Technique.
  - a. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
  - b. Poster Presentation: Orthopaedics Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.
17. Sachdev D, Amin J, Song C, Shinn D, Lemme N, Yanke A. Accuracy of Distalizing Tibial Tubercle Osteotomy: Correlation of Intended and Actual Outcomes.
  - a. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
  - b. ePoster presentation: Arthroscopy Association of North America (AANA) Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
  - c. Poster presentation: Orthopaedics Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.

18. Yanke AB, Smelley C, Augustin E, Sachdev D, Acheampong K, Ackermann J, Hakimiyan A. Cold Saline Submersion Preserves Chondrocytes During Osteochondral Allograft Harvest.
  - a. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
  - b. Poster presentation: Orthopaedics Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.
19. Sachdev D, Smelley C, Song CB, Shinn D, Lemme N, Cole BJ, Yanke AB. Quadriceps Dysfunction Drives Patellar Height Change After Isolated MPFL Reconstruction.
  - a. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
  - b. ePoster presentation: Arthroscopy Association of North America (AANA) Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
20. Sachdev D, Amin J, Smelley C, Song C, Shinn D, Lemme N, Cole B, Yanke A. Unintended Distalization Following Anteromedializing Tibial Tubercle Osteotomy With MPFL Reconstruction.
  - a. Poster presentation: Orthopedics Today Meeting; January 11–15, 2026; Waikoloa Village, Hawaii.
  - b. Poster presentation: Orthopaedics Research Society (ORS) Annual Meeting; March 27–31, 2026; Charlotte, North Carolina.
21. Augustin EJ, Acheampong KK, Akinleye J, Turinske T, Moran TE, Cole BJ, **Yanke AB**. Sagittal tibial tubercle trochlear groove distance and Patellofemoral (PF) Osteochondral Allograft (OCA) outcomes. Poster Presentation: Clinical Orthopedic Society Annual Meeting, Amelia Island, Florida. September 3, 2025.
22. Acheampong KK, Augustin EJ, Sachdev D, Bi AS, **Yanke AB**. Magnetic Resonance Imaging Measurements Associated with Lateral Meniscus Instability. Poster Presentation, Clinical Orthopaedic Society Annual Meeting, Amelia Island, Florida. September 3, 2025.
23. Kofi K. Acheampong, BS, Zachary R. Oppenheim, BS, Thomas E. Moran, MD, Lesly Honore, BS, Brian Forsythe, MD, Nikhil N. Verma, MD, Jorge Chahla, MD, PhD, Brian J. Cole, MD, MBA, **Adam B. Yanke MD, PhD**. Anatomic Drivers of the Sagittal Tibial Tubercle-Trochlea Groove Distance in Patella Instability Patients. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM), July 10-13 2025
24. Kofi K. Acheampong, B.S; Zachary R. Oppenheim B.S; Edouard J. Augustin, B.S; Andrew S. Bi, MD; Nikhil Verma, MD; Adam B. Yanke, MD, PhD. Setting Expectations: Defining a Time Course of Objective Range of Motion Before, During, and After Rotator Cuff Surgery. Poster Presentation: Shoulder 360. Miami, Florida, April 3-5 2025
25. Edouard J. Augustin BS, Zachary R. Oppenheim BS, Kofi K. Acheampong BS, Erik Haneberg BS, Andrew S Bi MD, Nikhil N. Verma, MD, Grant Garrigues, MD, Brian J Cole MD MBA, Adam B Yanke MD PhD. Prospective, Double-Blind, Randomized Control Trial Comparing the Efficacy of Intraarticular Injections for the Treatment of Primary Glenohumeral Osteoarthritis. Poster Presentation: Shoulder 360. Miami, Florida, April 3-5 2025
26. Erik C. Haneberg BS, Will Harkin MD, Harman Singh BS, Andrew Phillips BA, Zeeshan Khan BS, Isabel Reid BS, Gregory Nicholson, MD, Brian Cole MD MBA, Brian Forsythe MD, Grant Garrigues MD, Nikhil Verma MD, **Adam B. Yanke, MD PhD**. Risk Factors For Postoperative Shoulder Stiffness After Arthroscopic Rotator Cuff Repair. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025

27. Erik C. Haneberg, BS, Andrew R. Phillips, BA, Tristan Elias, BS, Ron Gilat, MD Kevin Credille, MD Zachary Wang, BS, Elizabeth Frankenburg Shewman, MS, **Adam B. Yanke, MD, PhD**. Offloading Patellofemoral Contact Pressures: A Biomechanical Comparison Between Tibial Tubercle Osteotomy And A Retropatellar Tendon Implant. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025
28. Augustin EJ, Acheampong KK, Moran TE, Cole BJ, **Yanke AB**. *Minimum Two Year Follow*
29. Up of Patellofemoral (PF) Osteochondral Allograft (OCA) Implantation With or Without Concomitant Tibial Tubercle Osteotomy (TTO): Sagittal Tibial Tubercle Trochlear Groove (sTT-TG) Distance is Associated with Outcomes. Poster Presentation, Orthopaedic Research Society Annual Meeting, Phoenix, Arizona. February 7-11, 2025.
30. Oppenheim ZR, Augustin EJ, Moran TE, Cole BJ, **Yanke AB**. A Retrospective Review of Chondroplasty Outcomes of the Patellofemoral Joint. Poster Presentation, Orthopaedic Research Society Annual Meeting, Pheonix, Arizona. February 7-11, 2025.
31. Andrew R. Phillips, BA, Erik C. Haneberg, BS, Zachary R. Oppenheim, BS, Edouard J. Augustin, BS, Ron Gilat, MD, Vince Morgan, MD, Brian J. Cole MD, MBA, **Adam Yanke, MD, PhD**. Irrigation With Cold Saline Improves Chondrocyte Viability In Donor Osteochondral Allograft Harvesting. Poster Presentation: Orthopedics Today. Koloa, Hawaii, January 11-15 2025
32. Andrew R. Phillips, BA, Erik C. Haneberg, BS, Kofi K. Acheampong, BS, **Adam B. Yanke, MD, PhD**. Clinical Improvement After Bracing with a Quadriceps Unloader Brace in Patients with Patellofemoral Osteoarthritis. Poster Presentation: Orthopedics Today. Koloa, Hawaii, January 11-15 2025
33. **Adam B. Yanke, MD, PhD**; Erik Haneberg; Andrew R. Phillips; Richard M. Danilkowicz, MD; Tristan J. Elias, BA; Zachary Wang; Brian Forsythe, MD; Grant E. A Prospective Observational Study to Assess the Efficacy of BioEntesis in Patients Undergoing Arthroscopic Rotator Cuff Repair. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
34. **Adam B. Yanke, MD, PhD**; Kevin T. Credille; Tristan J. Elias, BA; Sachin Allahabadi, MD; Zachary Wang; Arnavaz Hakimiyan; Susan Chubinskaya; David Frisbie. Chondrocyte Response to Fresh Autologous Conditioned Serum Versus Freeze-Dried Allogenic Conditioned Serum. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
35. Felicitas Allende; Rodrigo R. Saad Berreta; Zeeshan A. Khan; Salvador Ayala; Jose Garcia; **Adam B. Yanke, MD, PhD**; Brian J. Cole, MD, MBA; Nikhil N. Verma, MD; Jorge Chahla, MD, PhD. Establishing the Minimal Clinically Important Difference and Patient Acceptance Symptomatic State After Isolated Arthroscopic Posterior Medial Meniscal Root Repair. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
36. **Adam B. Yanke, MD, PhD**; Tristan J. Elias, BA; Erik Haneberg; Andrew R. Phillips; Daniel Kaplan; Divesh Sachdev; Jorge Chahla; Brian Forsythe, MD; Nikhil N. Verma, MD; Brian J. Cole, MD, MBA. Establishing the Minimum Clinically Important Difference Two Years Following Medial Patellofemoral Ligament Reconstruction. Poster Presentation:

American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024

37. **Adam B. Yanke, MD, PhD**; Tristan J. Elias, BA; Erik Haneberg; Andrew R. Phillips; Daniel J. Kaplan, MD; Divesh Sachdev; Zachary Wang; Kevin T. Credille; Jorge Chahla; Brian Forsythe, MD; Nikhil N. Verma, MD; Brian J. Cole, MD, MBA. Improvements in Kujala at Minimum Two-Years Following Patellofemoral Ligament Reconstruction are Correlated with Intraoperative Instability Measurements: A Multivariate Analysis of Risk Factors. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
38. **Adam B. Yanke, MD, PhD**; Hailey Huddleston, MD; Kevin T. Credille; Mohamad M. Alzein; William M. Cregar; Mario Hevesi, MD, PhD; Nozomu Inoue. iPhone-based Cartilage Topography Scanning Yields Similar Results to Computed Tomography (CT) Scanning: A Feasibility Study. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
39. Ryan Quigley; Alexander C. Weissman; Allen A. Yazdi; Samuel Schick; Landon P. Frazier; Brian J. Cole, MD, MBA; Ron Gilat, MD; **Adam B. Yanke, MD, PhD**. Osteochondral Allograft Transplantation after Failed Autologous Chondrocyte Implantation of the Knee: A Matched Cohort Analysis. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
40. **Adam B. Yanke, MD, PhD**; Hailey Huddleston, MD; Kevin T. Credille; William M. Cregar; David Christian; Nicholas A. Trasolini, MD; Nozomu Inoue; Brian J. Cole, MD, MBA. Patellar Cartilage Width and Facet Measurements Associated with Improved Patellar Osteochondral Matching. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
41. **Adam B. Yanke, MD, PhD**; Andrew R. Phillips; Erik Haneberg; Tristan J. Elias, BA; Divesh Sachdev; Daniel J. Kaplan, MD; Zachary Wang; Kevin T. Credille; Jorge Chahla; Brian Forsythe, MD; Nikhil N. Verma, MD; Brian J. Cole, MD, MBA. Redislocation After Medial Patellofemoral Ligament Reconstruction is Correlated with Preoperative Measurements and Intraoperative Instability Measurements. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
42. Brian J. Cole, MD, MBA; Zachary D. Meeker; Derrick M. Knapik, MD; Kyle Wagner; Ron Gilat, MD; Eric Cotter; Allen A. Yazdi; Alexander C. Weissman; **Adam B. Yanke, MD, PhD**. Revision and Primary Osteochondral Allograft Transplantation Provide Clinical Benefit at Midterm Follow-up: A Matched Cohort Analysis of Patient-Reported Outcomes, Reoperations, and Failures. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
43. Brian Forsythe, MD; Vahram Gamsarian; Vikranth R. Mirle; Christopher M. Brusalis; **Adam B. Yanke, MD, PhD**; Brian J. Cole, MD, MBA; Nikhil N. Verma, MD; Gregory P. Nicholson; Grant E. Garigues; Daanish Khazi-Syed; Joshua Chang. Time to Achievement of Clinically Significant Outcomes Following Open Laterjet. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
44. Brian Forsythe, MD; Vikranth R. Mirle; Vahram Gamsarian; Michelle Tashjian; Christopher M. Brusalis; Joshua Chang; Daanish Khazi-Syed; **Adam B. Yanke, MD, PhD**; Brian J. Cole, MD, MBA; Nikhil N. Verma, MD; Gregory P. Nicholson; Grant E. Garigues. Time to Achievement of Clinically Significant Outcomes Following Revision Rotator Cuff Repair.

- Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
45. Haneberg E, Harkin W, Singh H, Phillips AP, Khan Z, Reid I, Cole BJ, Forsythe B, Garrigues G, Verma NN, **Yanke AB**. Risk Factors for Postoperative Shoulder Stiffness after Arthroscopic Rotator Cuff Repair. Poster Presentation. Poster Presentation: Shoulder 360. Miami, Florida, May 2-6, 2024.
  46. Elias T, Haneberg E, Dandu N, McCormick J, Beals C, Walker A, Wang Z, Cole BJ, **Yanke AB**. Six-week Knee Injury and Osteoarthritis Outcome Score (KOOS) Sports Score After Knee Chondroplasty Correlates with Future Cartilage Transplantation.
    - a. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS). Sitges, Spain. September 9-12, 2023.
    - b. Poster Presentation: Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
    - c. Poster Presentation: Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
  47. Phillips A, Haneberg E, Danilkowicz R, Elias T, Easley J, Stewart H, Gadomski B, Johnson J, **Yanke AB**. Evaluation of a Novel Synthetic Cartilage Implant in a Sheep Knee Model: A 13 to 26-Week Study. Poster Presentation. Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
  48. Elias TJ, Haneberg E, Phillips A, Kaplan D, Sachdev D, Chahla J, Forsythe B, Verma N, Cole BJ, **Yanke AB**. Establishing the Minimum Clinically Important Difference Two-Years Following Medial Patellofemoral Reconstruction.
    - a. Poster Presentation. Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
    - b. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14, 2024
  49. **Yanke AB**, Elias TJ, Haneberg E, Phillips AR, Kaplan D, Sachdev D, Wang Z, Credille K, Chahla J, Forsythe B, Verma N, Cole B. Improvements In Kujala At Minimum Two-years Following Medial Patellofemoral Ligament Reconstruction Are Correlated With Intraoperative Instability Measurements: A Multivariate Analysis Of Risk Factors. Poster Presentation.
    - a. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
    - b. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14, 2024
  50. Elias T, Haneberg E, Brusalis C, Forlenza E, Phillips A, Wang A, Kogan M, Cohen Kaleka C, Krych A, **Yanke A**. What Is The Effect On Leg Length Following Lateral Opening Versus Medial Closing Distal Femoral Osteotomies? Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
  51. Elias T, Haneberg E, Beals C, Dandu N, McCormick J, Walker A, Wang Z, Cole B, **Yanke A**. Intra-articular Vegf And Mmp-1 Are The Primary Drivers Of Worse Baseline Koos Symptoms And Quality Of Life Subscores At Time Of Knee Chondroplasty.
    - a. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Boston.

- b. Poster Presentation. Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
  - c. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
52. Phillips AR, Haneberg E, Elias T, Sachdev D, Kaplan D, Wang Z, Credille K, Chahla J, Forsythe B, Verma N, Cole B, **Yanke AB**. Redislocation After Medial Patellofemoral Ligament Reconstruction Is Correlated With Preoperative Measurements And Intraoperative Instability Measurements. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
53. Haneberg E, Phillips AR, Elias TJ, Beals C, Sachdev D, Chahla J, Forsythe B, Verma N, Cole B, **Yanke AB**. Return To Sport Following Isolated Medial Patellofemoral Ligament Repair: A Retrospective Review Of 128 Patients. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
54. Elias TJ, Credille K, Haneberg E, **Yanke AB**, Inoue N. Automated Three-Dimensional Analysis Improves Trochlear Dysplasia Characterization. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
55. Haneberg E, Phillips AR, Danilkowicz R, Elias TJ, Wang Z, Verma N, Forsythe B, Garrigues G, **Yanke AB**. A Prospective, Observational Study To Assess The Efficacy Of BioEnthesis In Patients Undergoing Arthroscopic Rotator Cuff Repair.
- a. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
  - b. Poster Presentation. Shoulder 360. Miami, Florida. May 2-6, 2024.
  - c. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14, 2024
56. Elias TJ, Haneberg E, Phillips A, Kaplan D, Sachdev D, Chahla J, Forsythe B, Verma N, Cole B, **Yanke AB**. Establishing The Minimum Clinically Important Difference Two Years Following Medial Patellofemoral Ligament Reconstruction. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
57. Elias T, Haneberg E, Morgan V, Walker A, Beals C, Cole BJ, **Yanke AB**. Effect of Current Osteochondral Allograft Harvesting Techniques on Regional Chondrocyte Viability.
- a. Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS). San Francisco, CA. February 12-16, 2024.
  - b. Poster Presentation. Orthopaedic Research Society Annual Meeting, February 2024, Long Beach, California.
  - c. Poster Presentation. Arthroscopy Association of North America Annual Meeting. May 2024, Boston.
  - d. Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM). Denver, Colorado, July 10-14 2024
58. Dandu N, Hevesi M, Elias T, Haneberg E, Wang Z, Credille K, Trasolini N, **Yanke AB**. The Bump Will Make them Jump: Anatomic Drivers of J Sign Presence, Severity, and Quality. Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS). San Francisco, CA. February 12-16, 2024.

59. Khan ZA, Hevesi M, Damodar D, Dasari SP, Mehta N, Mameri ES, Jackson GR, Kerzner B, Chahla J, **Yanke AB**, Cole BJ, Verma NN. The Availability and Pricing of Orthobiologic Injections in the Chicagoland Area: A Market Assessment Study.
  - a. Poster Presentation International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS)) Biennial Congress. June 2023, Boston, MA.
  - b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
60. Credille K, Wang Z, Elias T, Hevesi M, **Yanke AB**. Indications and Technique: Pediatric Medial Patellofemoral Reconstruction. Online Video Theater Presentation at the American Academy of Orthopaedic Surgeons Annual Meeting 2023, March 7-12, Las Vegas, NV.
61. Elias T, Haneberg E, Wang Z, Swindell H, **Yanke AB**. Indications and Technique: Snowman Osteochondral Allograft Transplantation for Hill-Sachs Lesions. Online Video Theater Presentation at the American Academy of Orthopaedic Surgeons Annual Meeting 2023, March 7-12, Las Vegas, NV.
62. Forsythe B, Swindell H, Berlinberg E, Patel H, Gamsarian V, Mirle V, **Yanke AB**, Cole BJ, Verma NN. Merging the Modern and the Classic: Anterior Cruciate Ligament Reconstruction with Bone Marrow Aspirate Concentrate Augmentation of the Bone-Tendon-Bone Allograft. Online Video Theater Presentation at the American Academy of Orthopaedic Surgeons Annual Meeting 2023, March 7-12, Las Vegas, NV.
63. Lu Y, Berlinberg EJ, Patel HH, Rice M, Gamsarian V, Hevesi M, **Yanke AB**, Cole BJ, Verma N, Forsythe B. Unsupervised Machine Learning to Identify Clinically Meaningful Subgroups in Patients Undergoing Arthroscopic Rotator Cuff Repair.
  - a. Poster Presentation American Academy of Orthopaedic Surgeons (AAOS) March 7-12, 2023
  - b. Poster Presentation Arthroscopy Association of North America (AANA) May 4-6, 2023
  - c. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
64. Forsythe B, Berlinberg EJ, Gamsarian V, Patel H, Mirle V, **Yanke AB**, Chahla J, Verma N, Cole B. Bmac Augmentation Of Allograft Anterior Cruciate Ligament Reconstruction Improves Patient Reported Outcomes In The Presence Of Intra-Articular Pathology. Accepted to the American Orthopaedic Society for Sports Medicine Annual Meeting 2023, July 2023, Washington, DC.
65. Gamsarian V, Krishnan A, Mirle V, Levine Z, Berlinberg EJ, Chahla J, **Yanke AB**, Cole B, Verma N, Forsythe B. Time To Achievement Of Clinically Significant Outcomes Following Isolated Arthroscopic Meniscal Repair. Accepted to the American Orthopaedic Society for Sports Medicine Annual Meeting 2023, July 2023, Washington, DC.
66. Lu Y, Berlinberg EJ, Rea P, Patel HH, Cohn M, Baker J, **Yanke AB**, Cole BJ, Verma NN, Forsythe B. Machine Learning Clustering to Identify High Achievers in Anterior Cruciate Ligament Reconstruction. Arthroscopy Association of North America Annual Meeting. May 2023, New Orleans.
67. Forsythe B, Berlinberg EJ, Patel HH, Forlenza E, Mirle V, Gamsarian V, Okoroha K, Williams B, **Yanke AB**, Cole BJ, Verma NN. Postoperative Tendon Migration Correlates with Patient Reported Outcomes in Biceps Tenodesis. Arthroscopy Association of North America Annual Meeting. May 2023, New Orleans.

68. Kaiser J, Wagner K, Quigley R, Hevesi M, Damodar D, Meeker Z, Cotter E, **Yanke AB**, Cole BJ. Mid-Term Outcomes of Meniscal Allograft Transplantation in the Adolescent Population. American Academy of Orthopaedic Surgeons (American Academy of Orthopaedic Surgeons (AAOS)) Annual Meeting. March 7-12, 2023, Las Vegas, Nevada.
69. Bishop M, Brady J, Gruber S, Veerkamp M, Nguyen J, Green D, Wall E, JUPITER Study Group, Yanke AB, Parikh S, Shubin Stein B. Descriptive Epidemiology Study of the Justifying Patellar Instability Treatment by Results (JUPITER) Cohort. American Academy of Orthopaedic Surgeons (American Academy of Orthopaedic Surgeons (AAOS)) Annual Meeting. March 7-12, 2023, Las Vegas, Nevada.
70. Credille K, Wang Z, Elias T, Inoue N, Espinoza A, Hevesi M, Haneberg E, Cole B, **Yanke AB**. Accuracy of Distal Femoral Condyle Osteochondral Allograft Transplantation Using Patient Specific Instrumentation.
  - a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
  - c. Poster Presentation Arthroscopy Association of North America (AANA) May 4-6, 2023
71. Dandu N, Elias T, Allahabadi S, Brusalis C, Beals C, Trasolini N, Bodendorfer B, Haneberg E, Cole B, **Yanke AB**. Radiographs Demonstrate Poor Interrater Reliability and Accuracy for Evaluation of Postoperative Healing for Osteochondral Allograft Transplants of the Knee. (Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023).
72. Wang Z, Credille K, Dandu N, Elias T, Haneberg E, Morgan V, **Yanke AB**. Predictive Value of Exam Under Anesthesia in Patients Undergoing Medial Patellofemoral Ligament Reconstruction.
  - a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation Arthroscopy Association of North America (AANA) May 4-6, 2023
73. Credille K, Dandu N, Wang Z, Sivasundaram L, Kimmerling K, Mowry K, **Yanke AB**. Content Characterization of An Injectable Amniotic Suspension Allograft for the Treatment of Knee Osteoarthritis. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
74. Credille K, Wang Z, Horner N, Regan D, Gadowski B, Easley J, Garrigues G, **Yanke AB**. Pivotal Analysis of a Biphasic Interpositional Allograft for Rotator Cuff Repair Augmentation. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
75. Credille K, Wang Z, Allahabadi S, Shewman E, Bonadiman J, Elias T, Hevesi M, Garrigues G, Verma N, **Yanke AB**. Biomechanical Analysis of Anteroinferior Bankart Repair Anchor Types: Has Technology Surpassed Surgeon Technique?
  - a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
76. Huddleston H, Credille K, Wang Z, Cregar W, Lansdown D, Verma N, Garrigues G, **Yanke AB**. Glenoid Bone Loss Evaluation: Utilization of Current Methods.
  - a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023

- b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
77. Dandu N, Wang Z, Credille K, Darwish R, Cole BJ, **Yanke AB**. Early Postoperative Increase of IL-1a in Synovial Fluid Correlates with Worse Short-Term Patient-Reported Outcomes after Cartilage Transplantation in the Knee.
- a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
78. Hevesi M, Elias T, Credille K, Azua E, Huddleston H, McCormick J, **Yanke AB**. How Do Academic Bibliometrics Compare to Social Media Altmetric Scores for Orthobiologics Research? (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
79. Wang Z, Credille K, Alzein M, Darbandi A, McCormick J, Damodar D, Swindell H, Cole BJ, **Yanke AB**. A Systematic Review of Preoperative Risk Factors for Meniscal Allograft Transplant Failure. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
80. Wang Z, Dandu N, Credille K, Elias T, Horner N, Forsythe B, Verma N, Cole BJ, **Yanke AB**. Medial Meniscal Root Repair versus Debridement at Two-Year Follow-Up: A Retrospective Comparative Cohort Study. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
81. Dandu N, Hevesi M, Elias T, Haneberg E, Lee J, Defroda S, Cregar W, Zavras A, Inoue N, **Yanke AB**. Knee Flexion Angle at Time of Medial Patellofemoral Ligament (Medial Patellofemoral Ligament (MPFL)) Reconstruction Significantly Affects Patellar Rotational Kinematics. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
82. Dandu N, Elias T, Hevesi M, Credille K, Wang Z, Haneberg E, Inoue N, **Yanke AB**. Does the Traditional TT-TG Distance Accurately Reflect the Relative Position of the Tibial Tubercle to the Trochlear Groove? A Three-Dimensional Analysis.
- a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation Arthroscopy Association of North America (AANA) May 4-6, 2023
  - c. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
83. Credille K, Wang Z, Elias T, Shewman E, Dandu N, Cregar W, Haneberg E, **Yanke AB**. Patellar Fixation Using All-Suture Versus Solid Suture Anchors in Medial Patellofemoral Ligament Reconstruction: A Biomechanical Analysis.
- a. Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023
  - b. Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-16, 2023
84. Credille K, Warrier Alec, Wang Z, Hevesi M, Morgan V, **Yanke AB**. Medial Patellofemoral Ligament Reconstruction in the Skeletally Immature: A Systematic Review of Outcomes by Fixation Technique. (Poster Presentation Orthopaedic Research Society (ORS) February 10-14, 2023).
85. Dandu N, Trasolini N, Hevesi M, Zavras A, **Yanke AB**. Variability of Distal Femoral Landmark Topography: A Descriptive Anatomic Study. (Poster Presentation Orthopaedic Research Society (ORS) February 4-8, 2022).
86. Dandu N, Trasolini N, Shewman E, Kim H, Zavras A, Browning R, Huddleston H, **Yanke AB**. Medial Patellofemoral Ligament (MPFL) Reconstruction Confers Greater Stability to

- Lateral Patellar Displacement in the Setting of Patellar Alta Than Medial Quadriceps Tendon–Femoral Ligament (MQTFL) Reconstruction. (Poster Presentation Orthopaedic Research Society (ORS) February 4-8, 2022).
87. Dandu N, Hevesi M, Cregar W, Zavras A, Trasolini N, **Yanke AB**. The Presense of a Jumping J-Sign is Driven Primarily By Trochlear Factors. (Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-17, 2022)
  88. Dandu N, Zavras A, Trasolini N, Walsh J, Fice M, **Yanke AB**. Increased Pain Catastrophizing Does Not Negatively Affect Outcomes of Patellar Stabilization Surgery. (Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 13-17, 2022)
  89. Huddleston H, Chahla J, Williams B, Dandu N, Gursoy S, Malloy P, Naveen N, Cole BJ, **Yanke AB**. A Comprehensive Description of the Lateral Patellofemoral Complex: Anatomy and Anisometry. (Poster Presentation American Orthopaedic Society for Sports Medicine (AOSSM) July 7-11, 2021)
  90. Huddleston H, Shewman E, Knapik D, Cole BJ, **Yanke AB**. Lateral Patellofemoral Ligament Reconstruction: A Cadeveric Comparison of Two Techniques. (Poster Presentation Orthopaedic Research Society (ORS) February 12-15, 2021).
  91. Saltzman BM, Meyer MA, Leroux TS, Gitelis M, **Yanke AB**, Cole BJ. The Influence of Pre-operative Full-Thickness Chondral Defects on Outcomes Following Meniscal Allograft Transplantation. (*Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
  92. Campbell K, Chahla J, Redondo M, Christian D, Cole BJ, Farr J, **Yanke AB**. Length Changes of the Native Medial Patellofemoral Ligament at its Multiple Attachment Sites. (*Poster Presentation Arthroscopy Association of North America (AANA) May 2-6, 2019*)
  93. 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: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17*)
  94. 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: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17*)
  95. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
  96. Urita A, MD, Meyer MA, Madden BT, Chubinskaya S, Cole BJ, **Yanke AB**. Protective Effect of Normal Synovium on Damaged Cartilage.
    - a. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) 2017 Annual Meeting in Toronto, Canada, July 20-23.*
    - b. *Poster Presentation: Orthopaedic Research Society (ORS) 2017 Annual Meeting in San Diego, CA, March 19-22.*
  97. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)

98. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
99. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
100. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
101. Cotter EJ, Wischmeier D, Frank RM, **Yanke AB**, Farr J, Cole BJ. Clinical Outcomes of Patellofemoral Osteochondral Allograft Transplantation: A Prospective Analysis. (*Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*)
102. 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 02-Years Follow-Up. (*Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) annual meeting, San Diego, CA, March 14-18, 2017*)
103. 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 (American Orthopaedic Association (AOA) *Poster* Seattle WA June 22-25, 2016)
104. 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 (*Arthroscopy Association of North America (AANA) E-Poster*, Boston, MA)
105. 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: American Academy of Orthopaedic Surgeons (AAOS) Meeting 2016.*
106. 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-Year Follow-up
  - a. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*
107. **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: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress, Lyon, France, June 7-11, 2015*)
108. Riff A, Shin J, **Yanke AB**, Cole BJ. Outcomes of Autologous Chondrocyte Implantation following Failed Microfracture.
  - a. *Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*

109. Haro M, **Yanke AB**, Cole BJ. Topographic Analysis of the Capitellum and Distal Femoral Condyle: Ideal Match for Treating Capitellum OCD. (*Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
110. 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: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
111. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting, Seattle, WA. July 9-13, 2014*)
112. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
113. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
114. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
115. 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: Arthroscopy Association of North America (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*
  - c. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM), Baltimore, MD, July 12-15, 2012*
116. 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: Arthroscopy Association of North America (AANA) Annual Meeting, April 25-27, 2013, San Antonio, Texas*)
117. 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: Orthopaedic Research Society (ORS), San Francisco, CA, February, 2012*)
118. **Yanke A**, Hakimiyani A, Rueger DC, Chubinskaya S. Quantitative assessment of OP-1 synthesis with aging and in the presence of interleukin-1 in human articular cartilage (*Poster Presentation: Orthopaedic Research Society Annual Meeting, Chicago, IL March 19-22, 2006*)
119. Lewis P, Jones P, **Yanke A**, Phelps K, Lewis K. The SMILE Program: A Model for Building Clinical Leadership. (*Poster Presentation: Association of American Medical Colleges /*

Central Group on Educational Affairs Leadership & Scholarship Across the Medical Education Continuum, Kansas City, KA March 9-11, 2006)

120. **Yanke A**, Cole B, Pylawka T, Lewis P, MacGillivray J, Williams J: Improving rotator cuff repair: Histological evaluation of a reticulated polycarbonate polyurethane patch in a rat model. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, April 6, 2005)
121. **Yanke A**, Hakimiyan A, Chubinskaya S. Development of a New Immunoprecipitation Method to Measure the Rate of Synthesis of Endogenous OP-1 in Human Articular Chondrocytes. (*Poster Presentation*: Rush University Forum for Research and Clinical Investigation, April 6, 2005)

#### Poster Presentations at Regional Meetings

1. 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)
2. 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)
3. 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)
4. 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)
5. 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)
6. Balash P, Kang RW, Yanke AB, Schwenke T, Williams JM, Cole BJ, Wimmer MA. Osteochondral Tissue Cell Viability is Affected by Impaction During Transplantation: A Controlled Laboratory Study of the Biologic Effects of Repeated and Varying Impulses on Osteochondral Grafts. Poster Presentation: Rush University Forum for Research and Clinical Investigation, April 11, 2007
7. Yanke AB, Cole BJ, Kang RW, Chubinskaya S, Williams JM, Gomoll AH. Long-Term Effects of Continuous Intra-articular Bupivacaine Infusion in the Rabbit Shoulder. (Poster Presentation: Rush University Forum for Research and Clinical Investigation, April 11, 2007)
8. Cole JS, Wang VM, Yanke AB, Singaraju V, Kang RW, Turner DA, Cole BJ. Efficacy of Magnetic Resonance Imaging (MRI) in Quantifying Physiologic Changes of the Human Musculo-tendinous Unit After Chronic Rotator Cuff Tears. Poster Presentation: 1st place winner of Medical College at Rush University Forum for Research and Clinical Investigation, April 11, 2007
9. Friel NA, Kang RW, Yanke AB, Schwenke T, Williams JM, Cole BJ, Wimmer MA. Nitric Oxide and Glycosaminoglycan Responses to Implaction Loads During Osteochondral

Adam Yanke MD, PhD

Transplantation. Poster Presentation: Rush University Forum for Research and Clinical Investigation, April 11, 2007

10. Yanke A, Cole B, Pylawka T, Lewis P, MacGillivray J, Williams J. Improving rotator cuff repair: Histological evaluation of a reticulated polycarbonate polyurethane patch in a rat model. Poster Presentation: Rush University Forum for Research and Clinical Investigation, April 6, 2005
11. Yanke A, Hakimiyan A, Chubinskaya S. Development of a New Immunoprecipitation Method to Measure the Rate of Synthesis of Endogenous OP-1 in Human Articular Chondrocytes. (Poster Presentation: Rush University Forum for Research and Clinical Investigation, April 6, 2005.

### Funding History of Peer-Reviewed Grants

#### *Ongoing Research Support:*

Type: Rush Imaging Research Core Pilot Projects

Role: Co-Principal Investigator

Duration: 2/1/2026-1/31/2027

Title: Cartilage Ultrastructure, Morphology, and Contact Mechanics in Patellofemoral Instability

Funding: \$50,000

Description: The long-term goal of this study is to build a classification of patellofemoral instability that considers 3D knee joint shape, cartilage ultrastructure, and contact mechanics. In this proposed study, we will conduct quantitative MRI (qMRI) on 30 subjects with PF instability, to investigate how qMRI-derived measures of cartilage ultrastructure are associated with 1) 3D joint morphology/shape of the patella, femur, and tibia, leveraging an established statistical shape modeling (SSM) workflow and 2) associated with joint contact mechanics.

Type: American Orthopaedic Society for Sports Medicine (AOSSM) Steven P. Arnoczky Young Investigator Grant | YIG 1521958

Role: Co-Investigator

Duration: 12/1/2025-11/30/2027

Title: Multidisciplinary Approach to Understanding Anterior Knee Pain

Funding: \$40,000

Description: This clinical study will investigate how cartilage ultrastructure, bone morphology, and synovial fluid inflammation interact in patients presenting with anterior knee pain attributed to patellofemoral chondromalacia. This goal will be completed by having patients undergo quantitative Magnetic Resonance Imaging (qMRI) to evaluate cartilage biochemical composition and ultrastructure, as well as aspiration of synovial fluid for analysis of inflammatory cytokines and cartilage metabolism markers. These findings will be correlated with three-dimensional knee morphology derived from statistical shape modeling to determine how structural and biochemical factors contribute to pain and cartilage degeneration.

Adam Yanke MD, PhD

Type: 2025 Arthroscopy Association of North America (AANA) Research Grant

Role: PI

Duration: 05/01/2025-05/01/2027

Title: Do Arthrocentesis and Platelet-Rich Plasma (PRP) for Acute Anterior Cruciate Ligament (ACL) Tears with Hemarthrosis Decrease Inflammatory Cytokines at Time of Surgery: A Prospective Randomized Controlled Trial

Funding: \$50,000

Description: This clinical study will investigate how arthrocentesis and Platelet-Rich Plasma (PRP) injection, given at the time of initial presentation after an acute Anterior Cruciate Ligament (ACL) rupture, affect levels of inflammatory cytokines and cartilage breakdown products in the synovial fluid by the time of surgery.

Type: Arthroscopy Association of North America (AANA) (\$50,000)

Role: PI

Duration: 05/01/2024-05/01/2026

Title: Analysis of Platelet-Rich Plasma (PRP) and Bone Marrow Aspirate Concentrate (BMAC) on Synovial Environment after Osteochondral Allograft (OCA) Transplantation

Funding: \$50,000

Description: The interactive effects of biological enhancement of the synovial environment in patients undergoing osteochondral allograft (Osteochondral Allograft (OCA)) transplantation is not well understood. The ultimate goal of this grant is to further elucidate the affect Platelet-Rich Plasma (PRP) and Bone Marrow Aspirate Concentrate (BMAC) have on the biochemical environment that facilitates Osteochondral Allograft (OCA) healing in young patients wishing to avoid total knee arthroplasty. This goal will be achieved via this in vitro investigation where 54 viable cartilage samples will be assigned to 9 incubation groups in combinations of cartilage only  $\pm$  Platelet-Rich Plasma (PRP)/Bone Marrow Aspirate Concentrate (BMAC), cartilage + 2 week synovial fluid  $\pm$  Platelet-Rich Plasma (PRP)/Bone Marrow Aspirate Concentrate (BMAC), and cartilage  $\pm$  6 weeks synovial fluid  $\pm$  Platelet-Rich Plasma (PRP)/Bone Marrow Aspirate Concentrate (BMAC). These samples will undergo histology, PCR, and ELISA analysis to further understand the effect of the timing of biologic enhancement on the biochemical environment of Osteochondral Allograft (OCA) transplantation.

Type: NIH R01AG081734-01A1

Diekman (PI); Role: Co-Investigator

Duration: 09/2023-05/2028

Title: Role of DNA damage and cellular senescence in osteoarthritis pathophysiology

Funding: \$3,309,982

Description: The long-term goal of this work is to catalyze more effective treatments for OA by determining the mechanisms by which joint cells become senescent. The central hypothesis is that the accumulation of DNA damage in joint tissues plays a causal role in driving senescence, the SASP, and subsequent OA.

Adam Yanke MD, PhD

Type: NIH R01 AR082898-01 | #: 4757124

National Institute of Arthritis and Musculoskeletal and Skin Diseases

Crisco (PI); Role: Co-Investigator

Duration: 07/01/2023- 06/03/2028

Title: Advancing Hemiarthroplasty: Predicting in vivo performance of cartilage bearing systems through benchtop and ex vivo testing

Funding: \$4,025,355.88

Description: The ultimate goal of this research program is to advance hemiarthroplasty performance. The specific objective of this project is to develop a model where benchtop and ex vivo testing can predict the cartilage response to hemiarthroplasty bearing system wear in a fit-for-purpose large animal model. This goal will be achieved by completing three specific aims: 1) Characterize the material and mechanical properties of eight candidate hemiarthroplasty bearing surfaces; 2) characterize the cartilage bearing performance of each of the candidate biomaterials by wear testing them against bovine cartilage plugs in a joint motion-simulating biotribometer; 3) Testing said materials as bearing surfaces in a novel unicompartmental tibial hemiarthroplasty model in the Yucatan minipig. This project will provide a crucial tool needed to accelerate the design, development, and FDA clearance of new hemiarthroplasty bearing surfaces, resulting in a significant benefit for millions of patients afflicted with degenerative joint disease.

Type: NIH R01AG044034

Loeser (PI); Role: Co-Investigator

Duration: 09/2012-02/2028

Title: Oxidative Stress and the Development of Osteoarthritis

Funding: \$2,078,350

Description: The major goal of this project is to determine basic cell signaling mechanisms regulated by oxidative stress in cartilage that contributes to the development of osteoarthritis.

### Completed Research Support

Type: NIH R21 AR079063-01

National Institute of Arthritis and Musculoskeletal and Skin Diseases

Inoue/Yanke (MPI)

Duration: 5/2021- 5/2023

Topography matching for osteochondral graft transplantation

Funding: \$500,000

Description: Topography matching for osteochondral graft transplantation planned using 3D computer models will be implemented on cadaveric specimens and validated by comparing *in silico* transplanted models with the real cadaveric transplanted models as a gold standard. Additionally, the accuracy of new 3D imaging techniques via smartphone, which will be a key technique in a clinical setting, will be validated by comparing with laser scanning as a gold standard.

Adam Yanke MD, PhD

Type: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS)

Duration: 2/2020 – 2/2022

Role: (Co-PI)

Funding: \$50,000

Description: This international multi-center clinical trial will investigate the outcomes of operative versus non-operative management of posterior-medial meniscal root tears. The long-term goal of this research proposal is to understand the natural history of meniscal root tears and their subsequent repair, in order to better determine risk factors for inferior outcomes and progression to osteoarthritis

Type: Arthroscopy Association of North America (AANA)

Duration: 1/2020-1/2021

Role: (Co-PI)

Funding:

Description: This biomechanical study is testing our hypothesis that a coronal ligament reconstruction (meniscotibial fascicle) using anchors for peripheral fixation on the tibia will improve load distribution in the knee and reduce the risk of extrusion. The study will examine the efficacy of meniscal ligament reconstruction in reducing graft extrusion and improving load distribution after MMAT.

Type: Arthroscopy Association of North America (AANA)

Duration: 4/2018 – 4/2019

Role: Principal Investigator

Funding: \$15,000

Description: Utilizing in vitro testing, we are performing a study to evaluate the effect of sequential sectioning of the bundles of the medial patellofemoral ligament. This study will help determine the role of the proximal and distal extent of the Medial Patellofemoral Complex (MPFC) in resisting lateral patellar translation. Results may affect the clinical indications for quadriceps based Medial Patellofemoral Ligament (MPFL) reconstructions.

Type: Institutional

Date: 4/2018 - 4/2019

Role: Co-Investigator

Funding: \$10,000

Description: This is a grant given to foster collaboration of young investigators within an institution. Through collaboration with Dr. Hannah Lundberg, we are working on a project entitled, Development of Patient-Specific Patellofemoral Finite Element Models. This model will allow input of patient specific models and allow for modification to predict joint forces and patellar tracking based on these changes.

Type: Orthopaedic Research and Education Foundation (OREF)

Adam Yanke MD, PhD

Duration: 7/2016 – 2018

Role: Co-Investigator

Funding: \$19,000

Description: This funding was awarded to one of our residents, Charlie Hannon, for the study entitled The Influence of Amniotic Membrane and Bone Marrow Aspirate Concentrate (BMAC) on Osteoarthritis. This study aims to evaluate the anti-inflammatory effect of these products to determine the basic science feasibility of this mechanism. If successful, this study could help determine the mechanisms by which these products alter the arthritis environment milieu.

Type: Arthroscopy Association of North America (AANA)

Duration: 8/1/14 – 8/1/2015

Role: Principal Investigator

Funding: \$12,500

Description: We developed a novel Three-Dimensional Magnetic Resonance Imaging technique to detect glenoid bone loss in a cadaveric model. This was compared to the gold standard of Computed Tomography (Computed Tomography (CT)) which did not have any apparent clinical different. Therefore, we recommended the addition of our new protocol and avoiding the cost and radiation associated with Computed Tomography (CT) scans.

### Funding History of Industry Support

#### *Completed Research Support*

Type: Industry      Yanke (PI)      Date: 6/01/2022 – present

Description: A biomechanical comparison of newer generation soft-bodied anchors and hard-bodied suture anchors with different fixation methods during Medial Patellofemoral Ligament (MPFL) reconstruction in a cadaveric model.

Type: Industry      Yanke (PI)      Date: 6/01/2020 – present

Description: A biomechanical investigation of the effect of different flexion angles on the length and tensioning of the Medial Patellofemoral Ligament (MPFL) in cadaveric models

Type: Industry      Yanke (PI)      Date: 6/01/2022 – present

Description: Using a cadaveric knee models, assess the efficacy of a novel retropatellar tendon implant in offloading patellofemoral joint pressures compared to an anteromedializing tibial tubercle osteotomy

Type: Industry      Yanke (PI)      Date: 10/28/15 – 9/28/17

Description: Using a bilateral goat model, we are evaluating the quality of tissue generation produced by amniotic membrane compared to microfracture in articular cartilage defects. This is a 12-month study with imaging, biomechanical, and histologic outcomes.

Type: Industry      Yanke (PI)      Date: 8/1/2015 – 8/1/2017

Description: This prospective, randomized injection trial assesses the efficacy of amniotic membrane and amniotic fluid injections for mild to moderate knee osteoarthritis. This 12-month follow-up study will assess outcomes with physical exams, x-rays, laboratory testing, and subjective patient-reported outcomes metrics.

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#### Book chapters

1. *Phillips AR, Haneberg EC, Boden SA, Yanke AB, Cole BJ. Long-Term Clinical and Radiographic Outcomes of Meniscus Allograft Transplant. Current Reviews in Musculoskeletal Medicine. March 2024.*
2. *Haneberg E, Phillips A, Cotter E, Yanke AB. Lateral Lengthening and Lateral Release. Operative Techniques in Sports Medicine. December 2023.*
3. *Phillips A, Haneberg E, Harkin W, Danilkowicz R, Krych A, Hevesi M, Yanke AB. Trochleoplasty: Groove-Deepening, Recession Wedge, and Entrance Grooveplasty. Operative Techniques in Sports Medicine. December 2023.*
4. *Harkin W, **Haneberg E**, Phillips A, Shubin Stein B, Yanke AB. Osseous Medial Patellofemoral Ligament Reconstruction. Operative Techniques in Sports Medicine. December 2023.*
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7. *Huddleston, HP, Dandu N, Trasolini NA, **Yanke AB**. Managing the Lateral Side of the Patellofemoral Joint. Cole & Chahla: Surgical Techniques of the Shoulder, Elbow and Knee in Sports Medicine, 3<sup>rd</sup> Edition.*
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#### Books Edited

1. Yanke AB: Operative Techniques in Sports Medicine: Patellofemoral Edition, 2023
2. **Yanke AB**: Operative Techniques in Sports Medicine: Patellofemoral Edition, 2019.
3. **Yanke AB**: Cole BJ: Joint Preservation of the Knee.
4. **Yanke AB**: Operative Techniques in Sports Medicine: Cartilage Edition, 2018.

#### Peer-Reviewed Abstracts

1. Ackermann J, Sachdev D, Amin J, Yanke A. Tibial Tubercle–Posterior-Cruciate-Ligament Distance Fails to Capture Pathologic Patellar Lateralization in Trochlear Dysplasia. Poster presentation at: Orthopedics Today Meeting; January 11-15, 2026; Hawaii.
2. Ackermann J, Amin J, Sachdev D, Yanke A. The Patellotrochlear Index (PTI) Overestimates Patellotrochlear Engagement in Patients with Trochlear Dysplasia: Introducing the Adjusted-PTI. Poster presentation at: Orthopedics Today Meeting, Hawaii; January 11-15, 2026.
3. Sachdev D, Acheampong KK, Augustin EJ, Oduguwa E, Lu Y, Bi AS, Yanke AB. Magnetic Resonance Imaging Measurements Associated with Lateral Meniscus Instability. Poster presentation at: Orthopedics Today Meeting, Hawaii; January 11–15, 2026; Hawaii.
4. Oppenheim Z, Sachdev D, Augustin E, Jamrozik T, Chahla J, Forsythe B, Cole B, Yanke A. Preoperative Pain Catastrophizing Predicts Worse Subjective Knee Scores, While J-Sign Is Associated With Elevated Kinesiophobia in Patients Undergoing MPFL Reconstruction. Poster presentation at: Orthopedics Today Meeting; January 11–15, 2026; Hawaii.

5. Augustin E, Sachdev D, Oppenheim Z, Turinske T, Moran TE, Chahla J, Forsythe B, Verma N, Cole B, Yanke A. Return to Sport Outcomes After Isolated Medial Patellofemoral Ligament Reconstruction. Poster presentation at: Orthopedics Today Meeting; January 11–15, 2026; Hawaii.
6. Oppenheim Z, Acheampong K, Honore L, Sachdev D, Moran T, Yanke A. Functional Outcomes After MPFL Reconstruction With and Without Concomitant Bony Realignment. ePoster Presentation: Arthroscopy Association of North America (AANA) 2026 Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
7. Oppenheim Z, Moran T, Phillips A, Richter C, Singh H, Bi A, Cole BJ, Yanke A. Arthroscopic Findings After Knee Osteochondral Allografts: Classification & Graft Failure. ePoster Presentation: Arthroscopy Association of North America (AANA) 2026 Annual Meeting; May 14–16, 2026; Phoenix, Arizona.
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  16. Sachdev D, Amin J, Song C, Shinn D, Lemme N, Yanke A. Accuracy of Distalizing Tibial Tubercle Osteotomy: Correlation of Intended and Actual Outcomes.
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22. Erik C. Haneberg BS, Will Harkin MD, Harman Singh BS, Andrew Phillips BA, Zeeshan Khan BS, Isabel Reid BS, Gregory Nicholson, MD, Brian Cole MD MBA, Brian Forsythe MD, Grant Garrigues MD, Nikhil Verma MD, Adam B. Yanke, MD PhD. Risk Factors For Postoperative Shoulder Stiffness After Arthroscopic Rotator Cuff Repair. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025
23. Erik C. Haneberg, BS, Andrew R. Phillips, BA, Tristan Elias, BS, Ron Gilat, MD Kevin Credille, MD Zachary Wang, BS, Elizabeth Frankenburg Shewman, MS, Adam B. Yanke, MD, PhD. Offloading Patellofemoral Contact Pressures: A Biomechanical Comparison Between Tibial Tubercle Osteotomy And A Retropatellar Tendon Implant. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025
24. Andrew R. Phillips, BA, Erik C. Haneberg, BS, Zachary R. Oppenheim, BS, Edouard J. Augustin, BS, Ron Gilat, MD, Vince Morgan, MD, Brian J. Cole MD, MBA, Adam Yanke, MD, PhD. Irrigation With Cold Saline Improves Chondrocyte Viability In Donor Osteochondral Allograft Harvesting.
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27. Kofi K. Acheampong, BS, Zachary R. Oppenheim, BS, Thomas E. Moran, MD, Adam B. Yanke MD, PhD. Anatomic Patellofemoral Factors That Affect The Sagittal Tibial Tubercle-trochlear Groove Distance In Patella Instability Patients.
  - a. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025
  - b. Poster Presentation: Orthopedics Today. Koloa, Hawaii, January 11-15 2025
28. Edouard J. Augustin, BS, Kofi K. Acheampong, BS, Thomas E. Moran, MD, Brian J. Cole, MD, MBA, Adam B. Yanke, MD, PhD. Minimum Two Year Follow Up Of Patellofemoral (Patellofemoral (PF)) Osteochondral Allograft (Osteochondral Allograft (OCA)) Implantation With Or Without Concomitant Tibial Tubercle Osteotomy (Tibial Tubercle Osteotomy (TTO)): Sagittal Tibial Tubercle Trochlear Groove (stt-tg) As A Predictor Of Clinical Outcomes. Poster Presentation: Orthopaedic Research Society (ORS). Phoenix, Arizona, February 7-11 2025

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33. A. Yanke, H. Huddleston, N. Dandu, A. Diaz, B. Clayton, S. Wong, B. Kester, B. Cole. Magnetic Resonance Imaging (MRI) Correlations of Bone Marrow Lesions and Patient Reported Outcomes after Microfracture. (Poster: International Cartilage Regeneration & Joint Preservation Society (ICRS), Berlin, Germany. April 12-15, 2022)
34. Hannon, N. Dandu, H. Huddleston, C.W. McIlwraith, D. Frisbie, A. Hakimiyani, S. Chubinskaya, B. Cole, A. Yanke. The Influence of Amniotic Suspension Allografts and Bone Marrow Aspirate Concentrate on Osteoarthritic Chondrocytes. (Poster: International Cartilage Regeneration & Joint Preservation Society (ICRS), Berlin, Germany. April 12-15, 2022)
35. Cohn MR, DeFroda SF, Huddleston HP, Williams BT, Singh H, Vadhera A, Garrigues GE, Nicholson GP, **Yanke AB**, Nicholson GP. Do Sex-Based Differences in Native Glenoid Anatomy Predispose to Shoulder Instability? A Radiographic Analysis. *American Academy of Orthopaedic Surgeons Annual Meeting*, Chicago, IL. March 22-26, 2022.
36. Yanke AB, Dandu N, Darwis R, Zavras A, Cole B. The Cartilage Early Return for Transplant (CERT) Score: Predicting Early Patient Election to Proceed with Cartilage Transplant Following Chondroplasty of the Knee. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
37. Yanke AB, Dandu N, Bodendorfer B, Trasolini N, Darwis R, Zavras A, Forsythe B, Cole B. Effect of Bone Marrow Aspirate Concentrate on Osteochondral Allograft Transplantation Incorporation: A Prospective, Randomized, Single Blind Investigation. (Podium: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
38. Huddleston H, Tauro T, Dandu N, Wong S, Chahla J, Forsythe B, Yanke AB, Cole B, Nikhil V. The Role of Patient Demographic Factors in the Composition of Bone Marrow Aspirate Concentrate: A Flow Cytometry Analysis. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
39. Dandu N, Trasolini N, Cregar W, Horner N, Huddleston H, Inoue N, Yanke AB. Anatomic Factors Associated with Osteochondral Allograft Matching for Trochlear Cartilage Defects: A Computer-Simulated Study. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)

40. Dandu N, Hevesi M, Cregar W, Zavras A, Trasolini N, Yanke AB. The Presence of a Jumping J-Sign is Driven Primarily by Trochlear Factors and not Patella Alta or TT-TG Distance. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
41. Dandu N, Defroda S, Trasolini N, Zavras A, Darwish R, Cole B. Yanke AB. Synovial Fluid Matrix Metalloproteinase-1 (MMP-1) and Vascular Endothelial Growth Factor (VEGF) Concentration Correlates with Chondral Defects Severity and Symptoms in the Knee. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
42. Dandu N, Trasolini N, Walsh J, Darbandi A, Rice R, Forsythe B, Verma N, Cole B, Yanke AB. Suture Anchor-Based Quadriceps Tendon Repair Results in Improved Patient Reported Outcomes Compared to the Transosseous Tunnel Technique. (Poster: American Orthopaedic Society for Sports Medicine (AOSSM) July 2022, Colorado Springs, CO)
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48. Navya Dandu; Nicholas Trasolini; Elizabeth Frankenburg Shewman; Han D. Kim; Athan Zavras; Robert Browning; Hailey Huddleston; Adam Yanke. Mpfl Reconstruction Confers Greater Stability To Lateral Patellar Displacement In The Setting Of Patella Alta Than Mqftl Reconstruction: A Biomechanical Comparison. (Poster: Orthopaedic Research Society (ORS) February 2022, Tampa, FL)
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51. Charles Hannon; Navya Dandu; Hailey Huddleston; Wayne McIlwraith; David Frisbie; Arnavaz Hakimiyani; Susanna Chubanskaya; Brian J. Cole; Adam Yanke. The Influence Of Amniotic Suspension Allografts And Bone Marrow Aspirate Concentrate On Inflammation & Cartilage Matrix Metabolism In Osteoarthritis. (Poster: Orthopaedic Research Society (ORS) February 2022, Tampa, FL)
52. Hailey Huddleston; Tracy Tauro; Navya Dandu; Stephanie Wong; Jorge Chahla; Brian Forsythe; Brian Cole; Nikhil Verma; Adam Yanke. The Role Of Patient Demographic Factors In The Composition Of Bone Marrow Aspirate Concentrate: A Flow Cytometry Analysis. (Poster: Orthopaedic Research Society (ORS) February 2022, Tampa, FL)
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54. S. Mell, N. Dandu, C. Voleti, A. Yanke, H. Lundberg. An In-silico Method of Evaluating the Effect of Tibial Tubercle Osteotomy on Patellofemoral Cartilage Pressure. (Poster: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
55. A. Yanke , H. Huddleston , N. Dandu , A. Diaz , B. Clayton , S. Wong , B. Kester , B. Cole. Magnetic Resonance Imaging (MRI) Correlations of Bone Marrow Lesions and Patient Reported Outcomes after Microfracture. (Poster: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
56. Dandu N, Defroda S, Trasolini N, Zavras A, Darwish R, Cole B. Yanke AB. Synovial Fluid Matrix Metalloproteinase-1 (MMP-1) and Vascular Endothelial Growth Factor (VEGF) Concentration Correlates with Chondral Defects Severity and Symptoms in the Knee. (Podium: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
57. Dandu N, Trasolini N, Cregar W, Horner N, Huddleston H, Inoue N, Yanke AB. Anatomic Factors Associated with Osteochondral Allograft Matching for Trochlear Cartilage Defects: A Computer-Simulated Study. (Podium: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
58. A. Yanke, M. Hevesi, N. Trasolini, N. Dandu, R. Darwish, A. Zavras. A Risk Calculator to Predict Early Patient Election to Proceed with Cartilage Transplant Following Chondroplasty. (Podium: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
59. A. Yanke, N. Dandu, B. Bodendorfer, N. Trasolini, R. Darwish, A. Zavras, B. Forsythe, B. Cole. A Randomized Trial of Bone Marrow Aspirate Concentrate for Osteochondral Allograft Transplantation Incorporation. (Podium: International Cartilage Regeneration & Joint Preservation Society (ICRS) April 2022, Berlin, Germany)
60. Dandu N, Hevesi M, Cregar W, Zavras A, Trasolini N, Yanke AB. The Presence of a Jumping J-Sign is Driven Primarily by Trochlear Factors and not Patella Alta or TT-TG Distance. (ePoster: Arthroscopy Association of North America (AANA) May 2022, San Francisco, CA)
61. Yanke AB, Dandu N, Darwis R, Zavras A, Cole B. The Cartilage Early Return for Transplant (CERT) Score: Predicting Early Patient Election to Proceed with Cartilage Transplant

- Following Chondroplasty of the Knee. (ePoster: Arthroscopy Association of North America (AANA) May 2022, San Francisco, CA)
62. Dandu N, Defroda S, Trasolini N, Zavras A, Darwish R, Cole B, Yanke AB. Synovial Fluid Matrix Metalloproteinase-1 (MMP-1) and Vascular Endothelial Growth Factor (VEGF) Concentration Correlates with Chondral Defects Severity and Symptoms in the Knee. (ePoster: Arthroscopy Association of North America (AANA) May 2022, San Francisco, CA)H. Huddleston MD, E. Shewman MS, D. Knapik MD, and A. B. Yanke MD PhD. *Lateral Patellofemoral Ligament Reconstruction: A Biomechanical Comparison of Two Techniques*. (ePoster: Arthroscopy Association of North America (AANA) May 2022, San Francisco, CA)
  63. A. Yanke, N. Dandu, B. Bodendorfer, N. Trasolini, R. Darwish, A. Zavras, B. Forsythe, B. Cole. *Trial of Bone Marrow Aspirate Concentrate for Osteochondral Allograft Transplantation of the Knee*. (ePoster: Arthroscopy Association of North America (AANA) May 2022, San Francisco, CA)
  64. Azad Darbandi; Navya Dandu; Kevin Credille; Blake Bodendorfer; Grant Garrigues; Nikhil Verma; Adam Yanke. Inconsistencies In Reporting And Controlling For Preoperative Risk Factors For Retear Following Rotator Cuff Repair Surgery: A Systematic Review. (Poster: American Academy of Orthopaedic Surgeons (AAOS), March 2022, Chicago, IL)
  65. Hannon C, Dandu N, Huddleston H, McIlwraith W, Frisbie D, Hakimiyan A, Chubanskaya S, Cole B, Yanke AB. The Influence of Amniotic Suspension Allografts and Bone Marrow Aspirate Concentrate on Inflammation & Cartilage Matrix Metabolism in Osteoarthritic Chondrocytes. (Poster: American Academy of Orthopaedic Surgeons (AAOS), March 2022, Chicago, IL)
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  67. Dandu N, Trasolini N, Walsh J, Darbandi A, Rice R, Forsythe B, Verma N, Cole B, Yanke AB. Suture Anchor-Based Quadriceps Tendon Repair Results in Improved Patient Reported Outcomes Compared to the Transosseous Tunnel Technique. (Poster: American Academy of Orthopaedic Surgeons (AAOS), March 2022, Chicago, IL)
  68. Walsh J, Huddleston HP, Naveen N, Southworth T, Nwachukwu B, Verma N, Forsythe B, Cole BJ, **Yanke AB**. Establishing the Minimal Clinically Important Difference, Substantial Clinical Benefit, and Patient Acceptable Symptomatic Sate following Primary Medial Patellofemoral Ligament Reconstruction. (E-Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) July 7-9, 2020, Seattle, WA).
  69. Beletsky A, Tauro TM, Baker J, Naveen N, Huddleston HP, Williams B, Chahla J, **Yanke AB**, Cole BJ. Outcomes after Marrow Stimulation with Traditional Awl versus Drilling. (E-Poster Presentation: Arthroscopy Association of North America (AANA) May 7-9, 2020, Grapevine, TX)
  70. Huddleston HP, Haunschild E, Alzein M, Verma N, Cole BJ, **Yanke AB**. Subchondroplasty in the Knee Joint: Preliminary Outcomes in Patients with Early Arthritis. (*Poster Presentation: Arthroscopy Association of North America (AANA) May 7-9, 2020, Grapevine, TX*)
  71. Southworth T, Naveen N, Beletsky A, Okoroha K, Jildeh T, Tauro T, Verma N, **Yanke AB**, Cole BJ. The Effect of Body Mass Index (BMI) on Patient Reported Outcome Scores in

- Osteochondral Allograft Transplantation. (*Podium Presentation*: Arthroscopy Association of North America (AANA) May 7-9, 2020, Grapevine, TX)
72. Beletsky AM, Southworth TM, Naveen NB, Nwachukwu BU, Chahla J, Verma N, **Yanke AB**, Cole BJ. Clinically Significant Outcome Achievement After Osteochondral Allograft Surgery. (*Poster Presentation*: Arthroscopy Association of North America (AANA) May 7-9, 2020, Grapevine, TX)
  73. Lansdown, Madden B, Christian DR, Cole BJ, Farr J, **Yanke AB**. The Vertical Tibial Tubercle-Trochlear Groove Distance as a Measurement of Sagittal Imbalance in Patients with Symptomatic Patellofemoral Chondral Lesions. (*Poster Presentation*: American Academy of Orthopaedic Surgeons (AAOS) March 24-, 2020, Orlando, FL)
  74. Christian D, Redondo M, Cancienne JM, Shewman E, Cole BJ, Farr J, **Yanke AB**. The Biomechanical Effects of Lateral Release on Lateral Patellar Displacement at Varying Flexion Angle. (*Poster Presentation*: American Academy of Orthopaedic Surgeons (AAOS) March 24-, 2020, Orlando, FL)
  75. Huddleston HP, Inoue N, **Yanke AB**. A comparison of topographical imaging modalities: 3D iPhone scan versus Computed Tomography (CT) scan. (*Poster Presentation*: Orthopaedic Research Society (ORS) February 8-11, 2020, Phoenix, AZ)
  76. Inoue N, Huddleston HP, **Yanke AB**. Factors contributing to graft matching in a patellar osteochondral allograft selection model. (*Poster Presentation*: Orthopaedic Research Society (ORS) February 8-11, 2020, Phoenix, AZ)
  77. Beletsky A, Tauro TM, Baker J, Naveen N, Huddleston HP, Williams B, Chahla J, **Yanke AB**, Cole BJ. Outcomes after Marrow Stimulation with Traditional Awl versus Drilling. (*Poster Presentation*: Arthroscopy Association of North America (AANA) May 7-9, 2020, Grapevine, TX)
  78. Southworth T, Naveen N, Tauro T, Cole BJ, **Yanke AB**. Diagnostic Scope Vs. Cartilage Procedure: Who Will Progress? (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  79. Southworth T, Naveen N, Beletsky A, Okoroha K, Jildeh T, Tauro T, **Yanke AB**, Cole BJ. The Effect of Body Mass Index (BMI) on Patient Reported Outcome Scores in Osteochondral Allograft Transplantation. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
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  81. Beletsky A, Nwachukwu B, Southworth T, Okoroha K, Naveen N, Forsythe B, Verma N, Cole BJ, **Yanke AB**. Performance of Patient-Reported Outcomes Measurement Information System (PROMIS) Instruments in Patients Undergoing Anterior Cruciate Ligament (ACL) Reconstruction Compared to Cartilage Procedure. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  82. Naveen N, Tauro T, Southworth T, Baker J, Beletsky A, Chahla J, Verma N, **Yanke AB**, Cole BJ. Outcomes after Microfracture with Traditional Awl vs. Powerpick. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  83. Beletsky A, Skallerud W, Southworth T, Naveen N, Chahla J, Nwachukwu B, **Yanke AB**, Verma N, Cole B. Return to Sport and Work Following Osteochondral Autograft

- Transplantation. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
84. Beletsky A, Skallerud W, Tauro T, Baker J, Southworth T, Naveen N, Chahla J, Nwachukwu B, Cole BJ, Verma N, **Yanke AB**. Return to Sport and Work Following Microfracture. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  85. Nwachukwu B, Beletsky A, Naveen N, Okoroha K, Southworth T, Verma N, **Yanke AB**, Cole BJ. Patient-Reported Outcomes Measurement Information System (PROMIS) Instruments Correlate Better with Legacy Measures in Knee Cartilage Patients at Post-operative than at Pre-operative Assessment. (*Podium*: International Cartilage Regeneration & Joint Preservation Society (ICRS) October 5-8, 2019, Vancouver, Canada)
  86. Christian D, Redondo M, Hannon C, Cancienne J, Shewman E, Cole BJ, Farr J, **Yanke AB**. Differential Contributions of the Quadriceps and Patellar Insertions of the Medial Patellofemoral Complex to Lateral Patellar Restraint. (*Podium*: International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada)
  87. Chahla J, Naveen NB, Southworth TM, Cancienne J, **Yanke AB**. The Anatomy and Length Changes of the Lateral Patellofemoral Ligament and Lateral Patellotibial Ligament. (*Podium*: International Patellofemoral Study Group (IPSG) September 26-29, 2019, Banff, Canada)
  88. 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*: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) May 12-16, 2019, Cancun, Mexico)
  89. Lansdown DA, Dawe R, Cvetanovich GL, Verma NN, Cole BJ, Bach BR, Nicholson GP, Romeo AA, **Yanke AB**. Automated 3D Magnetic Resonance Imaging (MRI) Allows for Accurate Evaluation of Glenoid Bone Loss as Compared to 3D Computed Tomography (CT). (*Podium Presentation*: American Orthopaedic Society for Sports Medicine (AOSSM) July 5-8, 2018, San Diego, CA)
  90. 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*: Arthroscopy Association of North America (AANA) April 26-28, 2018, Chicago, IL)
  91. 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*: Arthroscopy Association of North America (AANA) April 26-28, 2018, Chicago, IL)
  92. 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*: Arthroscopy Association of North America (AANA) April 26-28, 2018, Chicago, IL)
  93. 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*: American Academy of Orthopaedic Surgeons (AAOS) March 6-10, 2018, New Orleans)

94. 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: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17, 2017*)
95. Saltzman BM, Meyer MA, Leroux TS, Gitelis M, **Yanke AB**, Cole BJ. The Influence of Pre-operative Full-Thickness Chondral Defects on Outcomes Following Meniscal Allograft Transplantation.
  - a. *Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17, 2017*
  - b. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23*
96. 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: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17)
97. 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: American Academy of Orthopaedic Surgeons (AAOS) San Diego, CA March 14-17)
98. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
99. Urita A, MD, Meyer MA, Madden BT, Chubinskaya S, Cole BJ, **Yanke AB**. Protective Effect of Normal Synovium on Damaged Cartilage.
  - a. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) 2017 Annual Meeting in Toronto, Canada, July 20-23.*
  - b. *Poster Presentation: Orthopaedic Research Society (ORS) 2017 Annual Meeting in San Diego, CA, March 19-22.*
100. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
101. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
102. 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.
103. Poster Presentation: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress Biennial Meeting 2017, Shanghai, China, June 4-8)
104. Podium Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23

105. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
106. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
107. Cotter EJ, Wischmeier D, Frank RM, Yanke AB, Farr J, Cole BJ. Clinical Outcomes of Patellofemoral Osteochondral Allograft Transplantation: A Prospective Analysis. (Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23)
108. 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: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress Biennial Meeting 2017, Shanghai, China, June 4-8)
109. 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 of 2-Years Follow-Up. (Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) annual meeting, San Diego, CA, March 14-18, 2017)
110. 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 (American Orthopaedic Association (AOA) Poster Seattle WA June 22-25, 2016)
111. 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 (Arthroscopy Association of North America (AANA) E-Poster, Boston, MA)
112. Weber A, Meyer M, Griffin J, Poland S, **Yanke AB**, Cole B. Do Outcomes Differ Following Osteochondral Allografts (Osteochondral Allograft (OCA)) of the Knee for Osteochondritis Dissecans (OCD) Based on Patient Age? (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
113. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
114. Urita A, Meyer M, Hakimiyan A, Chubinskaya S, Cole B, **Yanke AB**. Recovery Effect of Normal Synovium in Response to Damaged Cartilage (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
115. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
116. Urita A, **Yanke AB**, Meyer M, Inoue N, Cole B. Basic Science of Cartilage Repair Technology II (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  117. Weber A, Locker P, Tilton A, Cvetanovich G, Erickson B, **Yanke AB**, Cole B. Clinical Research: Osteochondral Repair & Biomaterials (Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  118. 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:* International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
    - b. *Podium Presentation:* American Academy of Orthopaedic Surgeons (AAOS) Meeting 2016.
  119. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  120. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  121. 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:* International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016
    - b. *Poster Presentation:* American Academy of Orthopaedic Surgeons (AAOS) Meeting 2016.
  122. Tetreault M, Bitterman A, Urita A, **Yanke AB**, Lee S. Second Look and Histological Analysis after using DeNovo for Talar Osteochondral Lesion (Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
  123. 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-Year Follow-up *Poster Presentation:* International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016 *Poster Presentation:* American Orthopaedic Society for Sports Medicine (AOSSM) Meeting 2017, Toronto, Canada, July 20-23
  124. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)

125. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Sorrento, Italy, September 24-27, 2016)
126. 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: American Academy of Orthopaedic Surgeons (AAOS) Meeting 2016)
127. Frank RM, Verma NN, Bach BR Jr, Bush-Joseph CB, **Yanke AB**, Cole BJ. Knee Preservation with Osteotomy. (American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting Orthopaedic Video Theatre. Orlando, FL. March 1-5, 2016)
128. 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: American Shoulder and Elbow Surgeons (ASES) 2016 Specialty Day.* March 5, 2016. Orlando, FL)
129. **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: International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress, Lyon, France, June 7-11, 2015*)
130. **Yanke AB**, Frank RM, Shin J, Van Thiel J, Verma NN, Cole BJ, Romeo AA, Provencher M. Characterication of Posterior Bone Loss. (Poster Presentation: Arthroscopy Association of North America (AANA) meeting, April 23-25, 2015, Los Angeles, CA)
131. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
132. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
133. Saltzman BM, Riboh JC, Cole BJ, **Yanke AB**. Humeral Head Reconstruction with Osteochondral Allograft Transplantation: A Systematic Review. (*Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
134. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
135. Riff A, **Yanke AB**, Tilton AK, Cole BJ. Outcomes of Osteochondral Allograft to the Femoral Condyle following Failed Microfracture (*Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*)
136. Riff A, Shin J, **Yanke AB**, Cole BJ. Midterm Results of Osteochondral Allograft Transplantation to the Humeral Head.
  - a. *Podium Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*

- b. Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*
137. Riff A, Shin J, **Yanke AB**, Cole BJ. Outcomes of Autologous Chondrocyte Implantation following Failed Microfracture.
  - a. Poster Presentation: International Cartilage Regeneration & Joint Preservation Society (ICRS) Meeting, Chicago, IL, May 8-11, 2015*
  - b. Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*
138. Haro M, **Yanke AB**, Cole BJ. Topographic Analysis of the Capitellum and Distal Femoral Condyle: Ideal Match for Treating Capitellum OCD. (*Poster Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
139. Cvetanovich GL, Erickson BJ, Waliullah K, **Yanke AB**, Gross CE, Stover G, Cole BJ, Bach Jr. BR, Sherman S. Scientific Exhibit: Two Stage Revision Anterior Cruciate Ligament (ACL) Reconstruction: Indications, Techniques, and Outcomes. (*Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
140. 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: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*)
141. **Yanke AB**, Shin J, Cvetanovich G, Pearson I, Bach BR Jr, Cole BJ, Romeo A, Verma N. Glenoid Bone Loss: Three Dimensional Magnetic Resonance Imaging (MRI) versus Computed Tomography (CT) Reconstructions.
  - a. Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS) Meeting, Las Vegas, NV, March 24-28, 2015*
  - b. Podium Presentation: American Orthopaedic Association (AOA)/Canadian Orthopaedic Association (COA) Combined Meeting Montreal, QC, Canada, June 18-21, 2014*
  - c. Featured Poster Presentation: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
142. 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: American Orthopaedic Society for Sports Medicine (AOSSM) Meeting, Seattle, WA. July 9-13, 2014*)
143. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
144. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
  - b. Poster Presentation: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany*
145. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014*
  - b. *Poster Presentation: International Society for Hip Arthroscopy, October 10-12, 2013, Munich, Germany*
146. **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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014)*
147. 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: Arthroscopy Association of North America (AANA) Meeting, Hollywood, FL. May 1-3, 2014)*
148. **Yanke AB**, Bell RL, Lee AS, Shewman E, Wang VM, Bach BR. *Bone-Patellar Tendon-Bone Allograft Biomechanics: Region and Irradiation. (Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS), March, 2014, New Orleans, LA)*
149. 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*
150. 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: American Academy of Orthopaedic Surgeons (AAOS), New Orleans, LA (March, 2014)*
151. 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: American Academy of Orthopaedic Surgeons (AAOS), New Orleans, LA (March, 2014)*
152. 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: International Cartilage Regeneration & Joint Preservation Society (ICRS), September, 2013, Izmir, Turkey*
  - b. *Podium Presentation: American Academy of Orthopaedic Surgeons (AAOS), March, 2014, New Orleans, LA*
153. McCormick FM, Thomas J, **Yanke AB**, Salata MJ, Bedi A, Philippon MJ, Nho SJ. *Labral reconstruction with Iliotibial 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)*
154. **Yanke AB**, Hakimiyan A, Chubinskaya S. *Metabolism of Endogenous Osteogenic Protein-1 in Human Adult Normal and Interleukin-1-treated Articular Chondrocytes. (Podium Presentation: Orthopaedic Research Society (ORS)/Orthopaedic Research and Education Foundation (OREF) Midwest Resident Research Symposium, May 17, 2013, Chicago, IL)*
155. 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: Arthroscopy Association of North America (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*
  - c. *Podium Presentation: International Cartilage Repair Society, September 15-18, 2013, Izmir, Turkey*
  - d. *Poster Presentation: American Orthopaedic Society for Sports Medicine (AOSSM), Baltimore, MD, July 12-15, 2012*
156. 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: Arthroscopy Association of North America (AANA) Annual Meeting, April 25-27, 2013, San Antonio, Texas*)
157. **Yanke AB**, Chalmers PN, Verma NN, Romeo AA. Biceps Tenodesis: Open Subpectoral and Arthroscopic Technique (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), Chicago, IL, March, 2013*)
158. 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: Orthopaedic Research Society (ORS), San Francisco, CA, February, 2012*)
159. McDonald LS, Waltz RA, **Yanke AB**, Dewing CB, Provencher MT. Posterior Shoulder Instability: Diagnosis and Treatment for a Painful Secret. (*Scientific Exhibit: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA 2012*)
160. Bhatia S, **Yanke AB**, Ghodadra N, Sherman S, Romeo A, Verma N. Arthroscopic Suprascapular Nerve Decompression: Etiology, Diagnosis, and Surgical Technique (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA, February, 2012*)
161. Chalmers P, **Yanke AB**, Sherman S, Karas V, Cole BJ. Combined Realignment and Cartilage Restoration for a Patellar Chondral Lesion (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA, February, 2012*)
162. **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: American Academy of Orthopaedic Surgeons (AAOS), San Francisco, CA, February, 2012*
  - b. *Podium Presentation: ISHA, Paris, France, October 15, 2011*
163. **Yanke AB**, Van Thiel GS, LeClere LE, Solomon DJ, Provencher MT. Posterior Shoulder Instability (*Featured Multimedia Presentation: American Academy of Orthopaedic Surgeons (AAOS), San Diego, CA, February 15-19, 2011*)
164. 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 (*Podium Presentation: American Orthopaedic Society for Sports Medicine (AOSSM), Keystone, CO, July 9-12, 2009*)
165. 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

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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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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.
10. Gregory JM, Harwood DP, Sherman SL, Romeo AA. Surgical Repair of a Subacute Latissimus Dorsi Tendon Rupture. *Techniques in Shoulder & Elbow Surgery.* 2011 Dec;12(4):77–9.
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.

### Podcasts

- The Sports Docs Podcast Episode 74* 2/29/2024  
*American Academy of Orthopaedic Surgeons (AAOS) 2024 Recap: Influence of Donor Recipient Sex-Match on Osteochondral Allograft (OCA) Outcomes*
- Medicine of Movement Podcast Host Episodes 1-7* 4/2022-10/2023
- Sports Medicine Weekly Podcast: Episode 10* 4/27/2021  
Knee Instability

Adam Yanke MD, PhD

*Nailed it Ortho Podcast: Episode 31* 11/2/2020  
*Patellar Instability*

*Arthroscopy Association of North America (AANA) Arthroscopy Podcast: Episode 80. 9/2020*  
*Differential Contributions of the Quadriceps and Patellar Attachments of the Proximal*  
*Medial Patellar Restraints to Resisting Lateral Patellar Translation.*

### Webinars

Stryker Teaching Institution Webinar:

a. Complex Knee Procedures; 4/17/24

Kinemed Patellofemoral Arthroplasty Webinar: Indications and Techniques

American Academy of Orthopaedic Surgeons (AAOS) Plus Webinar: Indications and Technique  
1. Rotator Cuff Repair Augmentation

Webinar: Dr. Kevin Wilk's Grand Rounds 7/2023

Articular Cartilage Lesions of the Knee: Small to Large, How to Treat for the Best Results

Webinar: Stryker Latest Trends and Techniques in Meniscus 7/2023  
Repair, Root, and Transplant

Northeast Seminars, Role: Lecturer 10/2020  
*Solving the Dilemma of Anterior Knee Pain*

Arthroscopy Association of North America (AANA) Fellowship Education Series, Role: Moderator  
*Biologics: Separating Fact from Fiction* 9/2020

Arthroscopy Association of North America (AANA) Webinar Wednesdays, Role: Panelist/Lecturer  
*First Time Patellar Dislocation: Evaluation and Management* 9/2020

Navi Mumbai Orthopaedic Association Webinar  
*Patellofemoral Instability - OrthoTV Online Webinar* 8/2020

Joint Restoration Foundation (JRF) Ortho Webinar  
*Clinical Perspectives: My Patellar Cartilage Treatment Algorithm* 5/2020

SportsMed Innovate Cartilage Webinar  
*Cartilage Defects of the Knee: The Role of Arthroscopy* 5/2020

Adam Yanke MD, PhD

American Academy of Orthopaedic Surgeons (AAOS) Resident Arthroscopy Webinar

10/2017

Expert opinions

1. **Yanke AB.** Arthroscopy Podcast: In Vitro Analysis of Micronized Cartilage Stability in the Knee: Effect of Fibrin Level, Defect Size, and Defect Location, July 2019.
2. **Yanke AB,** Cole BJ. (2014). Microfracture: dead or the future? *Orthopedics*, 37(12), 798–800. doi:10.3928/01477447-20141124-02

Media interviews

Doctor Radio, SiriusXM  
NBC 5 Interview on Amniotic Injectables  
Bulls Interviews (2x)  
ESPN Radio Interviews (2x)  
Winter Shoulder Injuries