

CURRICULUM VITAE

Aaron J. Casp, M.D.

The University of Alabama at
Birmingham
1201 11th Ave S
Birmingham, AL 35209

Summary Statement

Orthopaedic Surgeon with specialization in sports medicine, hip, knee, and shoulder surgery. Passion for teaching with continuing involvement in medical students and resident education. Experienced researcher continuing to advance the field of orthopaedic surgery through academic investigation.

Education

Medical Doctorate
University of North Carolina School of Medicine, Chapel Hill, NC 2011-2015

Bachelor of Arts in Economics
Princeton University, Princeton, NJ 2005-2009

Post-graduate Education

Orthopaedic Sports Medicine Fellowship
The Steadman Clinic/Steadman-Philippon Research Institute
Vail, CO 7/2020-7/2021

Orthopaedic Surgery Residency
University of Virginia, Charlottesville, VA 2015-2020

Certification and Licensure

Board Certified/Diplomate, American Board of Orthopaedic Surgery
07/2023 (Valid through 07/2033)

Alabama Medical License	August 2021	MD.42608
Colorado Medical License	August 2020	DR.0063574

Appointments/Employment

University of Alabama at Birmingham <i>Assistant Professor, Orthopaedic Surgery</i> <i>Director, Hip Preservation Program</i> <i>Faculty Member, Orthopaedic Residency Program</i> <i>Faculty Member, Primary Care Sports Medicine Fellowship</i>	09/2021 – Present
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The Steadman Clinic and Steadman Philippon Research Institute <i>Sports Medicine Fellow</i>	07/2020 – 08/2021
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University of Virginia Department of Orthopaedic Surgery <i>Resident Physician</i> <i>Administrative Chief Resident (2019-2020)</i>	06/2015 – 06/2020
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Feldman ENT Group, PC	Washington, DC	10/2009-05/2011
<i>Medical Assistant/Office Coordinator</i>		
Wachovia Securities, LLC	Houston, TX	Summer 2008
<i>Summer Analyst in Energy & Power Investment Banking Division</i>		
Roche Palo Alto, LLC	Palo Alto, CA	Summer 2006
<i>Process Chemistry Intern in pharmaceuticals</i>		

Team Physician/Sports Medicine Coverage

UAB Athletics Team Physician	2021 – Present
Birmingham Bulls Hockey Head Team Physician	2021 – Present
U.S. Ski Team Medical Pool Physician	2020 – Present
- <i>Copper Mountain, Colorado 11/2020</i>	
- <i>Saalbach-Hinterglemm, Austria 3/2021</i>	
- <i>Zagreb, Croatia 1/2022</i>	
- <i>Madonna di Campiglio, Italy 12/2022</i>	
- <i>Palisades Tahoe, California 02/2024</i>	
USFL League Physician	2022
Albemarle High School Assistant Team Physician	2016 – 2020
Cavalier Wrestling Club Volunteer Coach	2016 – 2017
Charlottesville High School Assistant Team Physician	2015

Honors and Awards

University of Alabama at Birmingham (as faculty)

2022 Patient Experience and Satisfaction Award

University of Virginia (as resident)

Highest Class OITE Score – 2015, 2016, 2017, 2018
 Southern Orthopaedic Association Annual Meeting 2nd place poster – July 2018
 Southern Orthopaedic Association Annual Meeting Travel Grant – July 2018
 Virginia Orthopaedic Society Annual Resident Quiz Bowl Champion – 2018

University of North Carolina School of Medicine (as medical student)

1. Gold Humanism Honor Society, August 2014 – present
2. Zimmer Orthopaedic Education Grant, awarded November 2013
3. Pat and Kathryn Brown Medical Scholarship, awarded 2013-2015
4. John B. Graham Research Society, January 2013 – present
 Inducted following presentation at Student Research Day
5. John Idol Medical Scholarship, awarded for 2011-2012 academic year
6. Thomas J. Dark Medical Scholarship, awarded for 2012-2013 academic year
7. National Institutes of Health Research Grant T35-DK007386, Summer 2012
 Grant awarded for research in Orthopaedics

Professional Affiliations (and offices held)

American Orthopaedic Society for Sports Medicine	2020 – present
<i>Fellowship Committee Member (2023 – present)</i>	
Southern Orthopaedic Association	2017 – present
<i>Board Member (2023 – present)</i>	
American Academy of Orthopaedic Surgeons	2015 – present

Administrative Positions

Chief Medical Officer Birmingham Bulls Hockey	2021 – Present
Director of Hip Preservation Program at UAB	2021 – Present
UAB Resident Selection Committee	2021 – Present
Administrative Chief Resident – UVA Health	2019-2020
Orthopaedic Residency Application Review Committee	2016-2020
UVA House Staff Council Department Representative	2017-2019

Courses

American Orthopaedic Association Resident Leadership Forum – San Diego, CA, June 2019
 2017 AAHKS Annual Resident Arthroplasty Course – Dallas, TX, November 2-5, 2017
 Orthopaedic Trauma Association Basic Fracture Course – Lombard, IL, April 13-16, 2016

Conferences, Grand Rounds, TeachingOrthopaedic Residency Program, University of Alabama at Birmingham

1. Resident Shoulder and Elbow Surgical Approaches, Anatomy Lab, 2/22/2024
2. “Hip Arthroscopy and FAI”, Resident Curriculum Conference 2/15/2024
3. “Personal Finance Basics for Residents”, Resident Curriculum Conference 2/15/2024
4. Sports Medicine and Shoulder OITE Review Lecture, 9/14/2023
5. Shoulder/elbow Surgical Approaches, Anatomy Lab, 3/16/2023
6. Hip arthroscopy/Hip Preservation Lectures, Core Curriculum Conference, 2/16/2023
7. “Basics of Orthopedic Billing and Coding”, Resident Curriculum Conference, 6/9/2022
8. “Personal Finance Basics for Residents”, Resident Curriculum Conference, 6/9/2022
9. Shoulder/elbow Surgical Approaches, Anatomy Lab, 3/3/2022
10. UAB Orthopedics Sports Medicine OITE Review Lectures 10/6/2022
11. UAB Orthopedics Basic Science OITE Review Lectures 11/10/2022
12. “Complex Knee Injuries”, UAB Orthopaedic Residency Open House, 10/15/2021

Multidisciplinary Conferences, UAB School of Medicine

1. “The Difficult Hip”, Lecture to ATI Physical Therapy Continuing Education 6/21/24
2. “Surgical Management of Hip Disorders”, UAB School of Physical Therapy Lecture, 2/7/2024
3. “My Approach to the Hip”, Lecture to Benchmark/Drayer/Results Physical Therapy collaborators, 3/13/2023
4. “Surgical Management of Hip Disorders”, UAB School of Physical Therapy Lecture, 2/8/2023
5. USFL Weekly Case Series Roundtable Discussions 4/2022 – 5/2022

External Conferences

1. Lab faculty instructor, AOSSM Fellows Course, Rosemont, IL, 7/27/24.

2. “Case-Based Panel: Hip & Spine Injuries”, invited panelist. AOSSM Fellows Course, Rosemont, IL, 7/26/24.
3. “Beyond Fellowship – Perspective from Early Career Surgeons”, invited panelist. AOSSM Fellows Course, Rosemont, IL, 7/26/24.
4. Sports Medicine Symposium invited moderator, Southern Orthopaedic Association Annual Meeting, Miami FL, 7/18/24
5. University of Virginia Orthopaedic Surgery Young Alumni Panel Discussion, 5/15/24
6. “Distal Humerus Fractures”, Invited Speaker, Georgia Shoulder and Elbow Society Meeting, Adairsville, GA 4/27/24
7. “Proximal Humerus Fractures from a Sports Medicine Perspective”, University of Virginia Sports Medicine Conference visiting lecture, Charlottesville, VA, 10/26/23
8. “Balloon Subacromial Spacers”, invited speaker for Irreparable Cuff Panel, Southern Orthopaedic Association Annual Meeting, Sandestin, FL, 7/29/2023
9. “Sports Medicine Rapid Fire Presentations”, Moderator, Southern Orthopaedic Association Annual Meeting, Sandestin, FL, 7/29/2023
10. “Shoulder and Elbow Rapid Fire Presentations”, Moderator, Southern Orthopaedic Association Annual Meeting, Sandestin, FL, 7/29/2023
11. “Biologics in the Operating Room” invited speaker for Biologics Panel, Southern Orthopaedic Association Annual Meeting, Sandestin, FL, 7/28/2023
12. “Setting up and Surviving Your first Year in Practice”, AOSSM Webinar, virtual, 5/11/2023

Student Counseling

1. Faculty Mentor for residents applying into Sports Medicine Fellowship Match
 - a. Collier Campbell – 2024 match cycle
 - b. Addison Cimino – 2025 match cycle
 - c. Travis Fortin – 2025 match cycle
 - d. Austin Atkins – 2025 match cycle
2. Medical Student Summer Research Mentor
 - a. 2023, Kaitlyn Higgins Pyrz – Visiting Research Student from Medical College of Georgia

Research

Publications

1. Andrews N, **Casp AJ**. Finding the Right First Job: Academic. *Clinics in Sports Medicine*. 2024 Apr. In Press.
2. Harris C, Nadeem F, Hargreaves M, Campbell C, Momaya A, **Casp A**. Obesity does not impact complications and conversion to total knee arthroplasty after high tibial osteotomy: A systematic review. *Knee Surg Sports Traumatol Arthrosc*. 2024 Mar;32(3):666-677.
3. Benson EM, Wood A, Harris C, Smith P, Xerogeanes J, **Casp A**, Momaya A. Anchor-Based Meniscal Ramp Repair. *Arthrosc Tech*. 2024 Jan 1;13(2):102846.
4. Marks Benson E, Pyrz K, Wood A, Momaya A, Brabston E, Evely T, **Casp A**. Anterior Cruciate Ligament Reconstruction using Bone-Tendon-Bone Allograft: Surgical

Technique Using Augmentation with Bio-Composite Scaffold. *Arthrosc Tech*. 2024 Jan 1;13(3):102877.

5. Pyrz K, Wood A, Campbell C, Brabston E, Evely T, **Casp A**, Momaya A. Anterior Cruciate Ligament Reconstruction With Quadriceps Tendon Autograft: Surgical Technique Using Augmentation With a Biocomposite Scaffold. *Arthrosc Tech*. 2023 Nov 27;12(12):e2335-e2341.
6. Wood A, Pyrz K, Lane P, Brabston EW, Evely T, **Casp AJ**, Momaya A. Repair of a Radial Tear of the Meniscus Augmented With a Biocomposite Scaffold. *Arthrosc Tech*. 2023 Nov 27;12(12):e2353-e2357.
7. Paul KD, Hargreaves M, Manfredi JN, Cooke B, Crawford A, Evely T, Brabston E, **Casp A**, Momaya A, Marshall T. Patients with operative gluteus medius tears often present with a concomitant history of lumbar pathology. *J Orthop*. 2023 Nov 14;47:18-22.
8. Chandler KM, Schick S, Hargreaves M, Elphingstone J, Brabston E, Evely T, **Casp A**, Momaya AM. Impact of irradiation on load-to-failure in bone-patellar tendon-bone allografts: A systematic review and meta-analysis. *J Orthop*. 2023 Oct 23;46:18-23.
9. DeBell H, Elphingstone JW, Hargreaves M, Jebeles G, Euwer B, Narducci C, Narducci W, Brabston E, Evely T, **Casp A**, Momaya A. Posterior lateral meniscal overhang is associated with ACL tears: A retrospective case-control study. *J Orthop*. 2023 Nov 22;48:64-67.
10. **Casp AJ**, Bryniarski A, Brady AW, Fossum BA, Godin JA. Reanalysis of the Posterior Oblique Ligament: Quantitative Anatomy, Radiographic Markers, and Biomechanical Properties. *Orthop J Sports Med*. 2023 Jun; 11(6): 23259671231174857
11. Schick S, Chandler K, Kaspro S, Sisk M, Elphingstone J, Wing J, Evely T, **Casp A**, Ponce B, Brabston E, Momaya A. Gender Disparities Among Professional Team Sports Medicine Physicians. *Clin J Sports Med*. 2023 Jun; epub ahead of print.
12. Schick S, Elphingstone JW, Hood C, **Casp AJ**, Shihab Y, Jardaly A, Paul KD, Ponce BA, Brabston EW, Momaya AM. Elective Hand Surgery Is Delayed among Private Insurance Holders. *South Med J*. 2023 Mar;116(3):270-273.
13. Cimino A, Wall KC, Elphingstone J, Paul K, Arguello AM, **Casp A**, Brabston E, Ponce B, Momaya A. Extensor Mechanism Reconstruction for Chronic Patellar Tendon Tears. *South Med J*. 2023 Feb;116(2):208-214.
14. Elphingstone JW, Paul KD, Girardi A, Simmons CS, **Casp AJ**, Brabston EW, Momaya AM. Bioactive Knee Sleeve for Osteoarthritis: A Small Cohort Study. *South Med J*. 2022 Oct;115(10):773-779.
15. Ernat JJ, Rakowski DR, Hanson JA, **Casp AJ**, Lee S, Peebles AM, Horan MP, Provencher MT, Millett PJ. High rate of return to sport and excellent patient-reported outcomes after an open Latarjet procedure. *J Shoulder Elbow Surg*. 2022 Aug;31(8):1704-1712.
16. Sequeira S, Burke J, **Casp AJ**, Cooper MT, Park JS, Perumal V. Functional Activity After Flatfoot Reconstruction with Lateral Column Lengthening. *Foot Ankle Spec*. 2022, Aug 23. Epub.
17. Yu S, Fossum BW, Brown JR, Hollenbeck JF, **Casp AJ**, Bryniarski AB, Godin JA. Anterior to Posterior Bone Plug Suture Tunnels Provide Optimal Biomechanics for Bone-Patellar Tendon Bone Anterior Cruciate Ligament Graft. *Arthrosc Sports Med Rehabil*. 2022 Jul; 4(4):e1475-e1479.
18. Ernat JJ, Rakowski DR, Ruzbarsky JJ, Johnson DW, **Casp AJ**, Peebles AM, Hanson J, Katthagan JC, Horan MP, Provencher CMT, Millett PJ. Arthroscopic Characterization, Treatment, and Outcomes of Glenoid Labral Articular Disruption Lesions. *Am J Sports Med*. 2022 Apr;50(5):1328-1335.

19. Ernat JJ, Rakowski DR, **Casp AJ**, Horan MP, Millett PJ. Results of Arthroscopic Rotator Cuff Repair for Calcific Tendonitis. *J Shoulder Elbow Surg.* 2022 Mar;31(3):616-622.
20. Ernat JJ, Rakowski DR, **Casp AJ**, Lee S, Peebles AM, Hanson JA, Provencher MT, Millett PJ. Shoulder Arthroscopy in Conjunction With an Open Latarjet Procedure Can Identify Pathology That May Not Be Accounted for With Magnetic Resonance Imaging. *Arthroscopy, Sports Medicine, and Rehabilitation.* 2021 Dec; 4(2):e301-e307.
21. Waltz RA, **Casp AJ**, Provencher MT, Vidal AF, Godin JA. Arthroscopic Segmental Medial Meniscus Allograft Transplant Using Three Fixation Techniques. *Arthrosc Tech.* 2021 Oct 16;10(11):e2507-e2513.
22. **Casp AJ**, Bodkin SG, Gwathmey FW, Werner BC, Miller MD, Diduch DR, Brockmeier SF, Hart JM. The Impact of Meniscus Treatment on Functional Outcomes Six Months after ACL Reconstruction. *Orthop J Sports Med.* 2021 Oct 6;9(10):23259671211031281.
23. Ernat JJ, Rakowski DR, **Casp AJ**, Horan MP, Millett PJ. Results of Arthroscopic Rotator Cuff Repair for Calcific Tendonitis: A Comparative Analysis. *J Shoulder Elbow Surg.* 2021 Sep 1:S1058-2746(21)00650-9.
24. **Casp AJ**, Bodkin SG, Kew ME, Noona S, Lesevic M, Hart JM, Diduch DR. Quadriceps Strength Is Influenced by Skeletal Maturity in Adolescents Recovering From Anterior Cruciate Ligament Reconstruction. *J Pediatr Orthop.* 2021 Feb 1;41(2):e141-e146.
25. **Casp AJ**, Smith JM, Brockmeier SF, Werner BC. Surgeon Charges and Reimbursements are Declining Compared with Hospital Payments for Shoulder Arthroplasty. *J Shoulder Elbow Surg.* 2020. May; 29(5): 924-930.
26. **Casp AJ**, Sequeira S, Kew ME, Brockmeier SF, Werner BC. Red Cell Distribution of Width (RDW) as a Novel Predictor of Mortality and Complications Following Primary Shoulder Arthroplasty. *J Am Acad Orthop Surgery.* 2020. Feb 1; 28(3):121-127.
27. Bodkin SG, **Casp AJ**, Kew ME, Brockmeier SF, Diduch DR, Hart JM. Hamstring Strength Recovery is Worse in Women than Men following ACL Reconstruction with Hamstring Autografts. *Orthop J Sports Med.* 2019. July 29; 7(7 suppl5).
28. Cancienne JM, **Casp AJ**, Kew ME, Carson EW, Miller MD, Werner BC. The Timing of Corticosteroid Injections following Knee Arthroscopy Influence Infection Risk. *Orthop J Sports Med.* 2019. July 29; 7(7 suppl5).
29. Browne JA, **Casp AJ**, Cancienne JM, Werner BC. Peritoneal Dialysis Does Not Carry the Same Risk as Hemodialysis in Patients Undergoing Hip and Knee Arthroplasty. *J Bone Joint Surg Am.* 2019. July 17; 101(14):1271-7.
30. Evans CL, Hadeed MM, **Casp AJ**, Yarboro SR. Skeletal Traction Pin Diameter and Deflection Under Load: A Biomechanical Evaluation with Clinical Correlation. *Current Orthopaedic Practice.* 2019. September/October; 30(5):453-7.
31. **Casp AJ**, Montgomery SR, Cancienne JM, Brockmeier SF, Werner BC. Osteoporosis is an Independent Risk Factor for Implant-Related Complications Following Anatomic and Reverse Total Shoulder Arthroplasty. *J Am Acad Orthop Surg.* 2019. May 29.
32. **Casp AJ**, Browne JA, Durig NE, Werner BC. Complications After Total Knee Arthroplasty in Patients with Pigmented Villonodular Synovitis. *J Arthroplasty.* 2019. Jan; 34(1):36-39.
33. **Casp AJ**, Durig NE, Cancienne JM, Werner BC, Browne JA. Certificate-of-Need State Laws and Total Hip Arthroplasty. *J Arthroplasty.* 2019. Mar; 34(3): 401-407.
34. **Casp AJ**, Patterson, BM, Yarboro SR, Tennant JN. The Effect of Time During the Academic Year or Resident Training Level on Complication Rates After Lower-Extremity Orthopaedic Trauma Surgery. *J Bone Joint Surg Am.* 2018. Nov 21; 100(22):1919-1925.

35. Bolarinwa SA, **Casp AJ**, Cancienne JM, Werner BC, Browne JA. Narcotic use and total hip arthroplasty. *Hip Int.* 2018. Jun 1:1120700018781759.
36. **Casp A**, Gwathmey W. Hip Arthroscopy: Common Problems and Solutions. *Clin Sports Med.* 2018. Apr; 37(2): 245-263.
37. Browne JA, Cancienne JM, **Casp AJ**, Novicoff WM, Werner BC. Certificate-of-Need state laws and total knee arthroplasty. *J Arthroplasty.* 2018. Feb 5; S0883-5403(18): 30101-3.
38. Cancienne JM, Kandahari AM, **Casp A**, Novicoff W, Browne J, Cui Q, Werner BC. Complication rates after total hip and knee arthroplasty in patients with hepatitis C compared with matched control patients. *J Am Acad Orthop Surg.* 2017. Dec; 25(12): e275-e281.
39. **Casp AJ**, Wells J, Holzgrefe R, Weiss D, Kahler D, Yarboro S. Evaluation of Orthopaedic Trauma Surgery Follow-up and Impact of a Routine Callback Program. *Orthopedics.* 2017. Mar 1;40(2):e312-e316.

Book Chapters

1. Martin M, Ruzbarsky J, **Casp A**, Philippon M. *Surgical Technique: Arthroscopic Segmental Labral Augmentation Using Iliotibial Band Autograft or Allograft.* Hip Arthroscopy and Hip Joint Preservation Surgery. Eds. Shane Nho, Asheesh Bedi, Micahel Salata, Richard Mather III and Bryan Kelly. Springer 2020 (IN PRESS).
2. **Casp A.** *Proximal Biceps and Superior Labral Injuries.* Making the Diagnosis in Orthopaedics: A Multimedia Guide. Ian Dempsey, Ed. Mark D. Miller. Wolters Kluwer 2019.
3. **Casp A.** *Anterior, Posterior, and Multidirectional Instability of the Shoulder.* Making the Diagnosis in Orthopaedics: A Multimedia Guide. *In press.* Ian Dempsey, Ed. Mark D. Miller. Wolters Kluwer 2019.

Abstracts/Presentations

1. Hodges SC, Gordillo JJ, Hargreaves M, Momaya A, **Casp AJ**, Brabston EW, Evely T. Perioperative work in ACL Reconstruction is Undervalued by Relative Value Scale Update Committee. Southern Orthopaedic Association Annual Meeting, July 17-20, 2024, Miami Beach, FL. Podium Presentation.
2. Nadeem F, Hayes C, Jones R, Hargreaves M, **Casp A**, Brabston E, Momaya A, Evely, T. (2024, July 17-20). Heterotopic Ossification (HO) After Shoulder Arthroplasty: A Systematic Review. Southern Orthopaedic Association Annual Meeting, July 17-20, 2024, Miami Beach, FL. Podium Presentation.
3. Wood A, Pyrz K, Hargreaves M, Girardi A, McGwin G, Kirk J, Patton B, **Casp A**, Momaya A. Does Insurance Adequately Cover Physical Therapy for Common Orthopedic Diagnoses? Southern Orthopaedic Association Annual Meeting, July 17-20, 2024, Miami Beach, FL. Podium Presentation.
4. Wood A, Hargreaves M, Manfredi N, Benson L, Brabston E, **Casp A**, Evely T, Momaya A. (2024, May 16-18). Do Healthy People Pass ACL Return to Sport Testing? A Systematic Review. AOS/MOS Joint Annual Meeting, May 16-18, 2024, Point Clear, AL, United States. Podium Presentation.
5. Hargreaves M, Wood A, Manfredi N, Higgins Pyrz K, Brabston E, **Casp A**, Evely T, Momaya A. A High Percentage of Healthy Volunteers Fail to Pass Criteria-Based Return-to-Sport Testing for Arthroscopic Bankart Repair. AOS/MOS Joint Annual Meeting, May 16-18, 2024, Point Clear, AL, United States. Podium Presentation.

6. Buchanan N, Byrd J, Hargreaves M, Brabston E, Evely T, Momaya A, **Casp, A**. Does Medicaid Insurance Status Decrease Access to Care for Patients with Hip Labral Tear? AOS/MOS Joint Annual Meeting, May 16-18, 2024, Point Clear, AL, United States. Podium Presentation.
7. **Casp AJ**, Comfort SM, Briggs KK, Philippon MJ. Hip Cartilage Defects in Elite Athletes: Their Association with Specific Sports and ‘At-risk’ Motions. AOSSM Annual Meeting, July 13-16, 2023. Washington, D.C. Podium Presentation.
8. **Casp AJ**, Bryniarski A, Brady AW, Fossum BW, Godin JA. The Posteromedial Knee: An Anatomic, Biomechanical, and Radiographic Analysis of the Posterior Oblique Ligament. AOSSM Annual Meeting, July 13-16, 2023. Washington, D.C. Poster Presentation.
9. Ruzbarsky JJ, **Casp AJ**, Comfort SM, Briggs KK, Philippon MJ. “Hip Cartilage Defects in Elite Athletes: Their Association with Specific Sports and ‘At-risk’ Motions.” ISAKOS 2023 Congress, June 18-21, 2023. Boston, MA. Podium Presentation
10. Elphingstone JW, Debell H, Schick S, Jebeles G, Narducci W, Narducci C, **Casp AJ**, Brabston EW, Momaya AM. (2023, June 10-11). Lateral Meniscal overhang is associated with ACL tears: a retrospective review. 16th Annual Emory Sports Medicine Hybrid Symposium, Atlanta, GA.
11. **Casp AJ**, Comfort SM, Briggs KK, Philippon MJ. “Hip Cartilage Defects in Elite Athletes: Their Association with Specific Sports and ‘At-risk’ Motions.” AANA 2023 Annual Meeting, May 4-6, 2023. New Orleans, LA, May 2023.
12. Elphingstone JW, Debell H, Schick S, Jebeles G, Narducci W, Narducci C, **Casp AJ**, Brabston EW, Momaya AM. (2023, April 27-May 3). Lateral Meniscal overhang is associated with ACL tears: a retrospective review. American Medical Society for Sports Medicine 2023 Annual Meeting, Phoenix, AZ.
13. **Casp AJ**, Comfort SM, Briggs KK, Philippon MJ. Hip Cartilage Defects in Elite Athletes: Their Association with Specific Sports and ‘At-Risk’ Motions. American Academy of Orthopaedic Surgeons Annual Meeting, March 8-11, 2023. Las Vegas, NV. Poster Presentation.
14. Momaya, AM, Elphingstone, J, Schick S, Sisk M, Wing J, KasproW S, Evely T, **Casp A**, Brabston E. Gender disparities among professional team sports medicine physicians. Podium presentation at American Academy of Orthopedic Surgeons Annual Meeting, March 8-11, 2023. Las Vegas, NV.
15. Yousuf O, Lacoste K, Elphingstone J, **Casp A**, Momaya A. Number of Patient Self-Reported Allergies Can Affect Outcomes after Surgical Decompression for Thoracic Outlet Syndrome. Journal of the American College of Surgeons 235(5):p S166-S167, November 2022.
16. **Casp AJ**, Bodkin SG, Gwathmey FW, Werner BC, Miller MD, Diduch DR, Brockmeier SF, Hart JM. The Impact of Meniscal Treatment on Functional Outcomes Six Months After Anterior Cruciate Ligament Reconstruction. American Orthopaedic Society for Sports Medicine Annual Meeting. July 7-11, 2021, Nashville, TN. Poster Presentation.
17. Comfort S, **Casp A**, Martin M, Briggs K, Philippon M. Assessment of Athlete Hip Cartilage Defect Patterns and Their Association with Specific Sports. Injury Prevention Symposium 5th Annual Meeting. April 28-29, 2021. Virtual.

18. Kew ME, Werner BC, **Casp AJ**, Smith JM, Brockmeier SF. Surgeon Reimbursements Declining Compared to Hospital Payments for Shoulder Arthroplasty. Southern Orthopaedic Association Annual Meeting June 2020. Accepted Podium Presentation
19. **Casp AJ**, Smith JM, Cancienne JM, Brockmeier SF, Werner BC. Surgeon Charges and Reimbursements are Shrinking Compared to Hospital Payments for Shoulder Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, March 24-28, 2020. Orlando, FL. Poster Presentation
20. **Casp AJ**, Brockmeier SF, Werner BC. Red Cell Distribution of Width a Novel Predictor of Mortality and Complications following Primary Shoulder Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, March 24-28, 2020. Orlando, FL. Poster Presentation.
21. **Casp AJ**, Smith M, Bodkin SG, Werner BC, Gwathmey FW, Carson ER, Diduch DR, Brockmeier SF, Hart JM. The Impact of Meniscus Treatment on Functional Outcomes 6 Months after Anterior Cruciate Ligament Reconstruction. Southern Orthopaedic Association Annual Meeting July 17-20, 2019, Amelia Island FL. Podium Presentation.
22. **Casp AJ**, Brockmeier SF, Werner BC. Red Cell Distribution of Width a Novel Predictor of Mortality and Complications following Primary Shoulder Arthroplasty. Southern Orthopaedic Association Annual Meeting July 17-20, 2019, Amelia Island FL. Poster Presentation.
23. **Casp AJ**, Bodkin SG, Noona SW, Diduch DR, Kew ME, Hart JM. The Effect of Physcal Closure on Quadriceps Strength and Symmetry after Anterior Cruciate Ligament Reconstruction in Adolescent Patients. Southern Orthopaedic Association Annual Meeting July 17-20, 2019, Amelia Island FL. Podium Presentation.
24. **Casp AJ**, Cancienne JM, Christensen JE, Werner BC. The Association of Perioperative Glycemic Control with Adverse Outcomes after Arthroscopic Rotator Cuff Repair. Southern Orthopaedic Association Annual Meeting July 17-20, 2019, Amelia Island FL. Podium Presentation.
25. **Casp AJ**, Cancienne JM, Deasey MJ, Kew ME, Browne JA, Brockmeier SF, Werner BC. Dialysis Dependence and Modality Impact Complication Rates following Shoulder Arthroplasty. Southern Orthopaedic Association Annual Meeting July 17-20, 2019, Amelia Island FL. Podium Presentation.
26. Bodkin SG, **Casp AJ**, Kew ME, Brockmeier SF, Diduch DR, Hart JM. Hamstring Strength Recovery is Worse in Women than Men following ACL Reconstruction with Hamstring Autografts. American Orthopaedic Society for Sports Medicine Annual Meeting. July 11-14, 2019, Boston, MA. Poster Presentation.
27. Noona S, Bodkin S, Diduch D, **Casp A**, Kew M, Hart J. The Effect of Physcal Closure on Quadriceps Strength and Symmetry After Anterior Cruciate Ligament Reconstruction in Adolescent Patients. 12th Biennial ISAKOS Congress May 12-16, 2019. Cancun, MX. Podium Presentation.
28. Smith M, Bodkin SG, **Casp AJ**, Tran S, Gwathmey FW, Carson E, Werner BC, Miller MD, Diduch DR, Brockmeier SF, Hart JM. Functional Outcomes 6 Months After Anterior Cruciate Ligament Reconstructions: The Impact of Meniscus Treatment. 12th Biennial ISAKOS Congress May 12-16, 2019. Cancun, MX. Poster Presentation.
29. **Casp AJ**, Cancienne JM, Werner BC. Osteoporosis is an Independent Risk Factor for Implant-Related Complications Following Anatomic and Reverse Total Shoulder

Arthroplasty. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.

30. **Casp AJ**, Cancienne JM, Deasey MJ, Kew ME, Browne JA, Brockmeier SF, Werner BC. Dialysis Dependence and Modality Impact Complication Rates Following Shoulder Arthroplasty. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
31. **Casp AJ**, Werner BC, Cancienne JM, Browne JA. Complications After Total Hip Arthroplasty in Patients Undergoing Peritoneal Dialysis. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
32. **Casp AJ**, Werner BC, Cancienne JM, Browne JA. Complications After Total Knee Arthroplasty in Patients Undergoing Peritoneal Dialysis. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
33. **Casp AJ**, Cancienne JM, Brockmeier SF, Kew ME, Deasey MJ, Werner BC. The Impact of Osteoporosis and Bisphosphonate Use on Revision Rate after Rotator Cuff Repair. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
34. **Casp AJ**, Cancienne JM, Christensen J, Werner BC. The Association of Perioperative Glycemic Control with Adverse Outcomes after Arthroscopic Rotator Cuff Repair. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
35. **Casp AJ**, Cancienne JM, Brockmeier SF, Werner BC. Perioperative Testosterone Levels Affect the Revision Surgery Rate After Arthroscopic Rotator Cuff Repair. Virginia Orthopaedic Society Annual Meeting. May 3-5, 2019, Washington, D.C. Poster Presentation.
36. **Casp A**, Carr J, Cancienne J, Werner B. Increased Complication Rates After Knee Arthroscopy in Patients with Obstructive Sleep Apnea. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Podium Presentation.
37. **Casp A**, Desai VS, Camp CL, Boddapati V, Dines JS, Brockmeier S, Werner B. Pre-operative Shoulder Injections are Associated with Rotator Cuff Repair Failure. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Podium Presentation.
38. **Casp A**, Werner B, Cancienne J, Browne J. Complications After Total Joint Arthroplasty in Patients Undergoing Peritoneal Dialysis. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Podium Presentation.
39. **Casp A**, Cancienne J, Domson G, Werner B. Pigmented Villonodular Synovitis of the Knee: Diagnostic Trends and Surgical Management. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Podium Presentation.
40. Evans C, **Casp A**, Kahler D, Weiss D, Yarboro S. Understanding and Perception of Overlapping Surgery Among Orthopaedic Trauma Patients. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Podium Presentation.
41. **Casp A**, Cancienne J, Steiner S, Anciano V, Carr J, Werner BC. Risk Factors for Prolonged Narcotic Use Following Knee Arthroscopy. Southern Orthopaedic Association Annual Meeting July 11-14, 2018, Palm Beach FL. Poster Presentation.

42. **Casp A**, Cancienne J, Browne J, Werner B. Increased Risk of Complications After Primary Total Knee Arthroplasty in Patients with a Diagnosis of Pigmented Villonodular Synovitis. Virginia Orthopaedic Society Annual Meeting, White Sulphur Springs, WV. April 20-22, 2018. Poster Presentation.
43. **Casp A**, Patterson BM, Yarboro SR, Tennant J. The Effect of Timing During the Academic Year or Resident PGY-Level on Complication Rates in Lower Extremity Orthopaedic Trauma. Virginia Orthopaedic Society Annual Meeting, White Sulphur Springs, WV. April 20-22, 2018. Poster Presentation.
44. **Casp A**, Cancienne J, Domson G, Werner B. Pigmented Villonodular Synovitis of the Knee: Diagnostic Trends and Surgical Management. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, Mar 6-10, 2018. Podium Presentation.
45. **Casp A**, Cancienne J, Browne J, Werner B. Complication Rates After Total Knee Arthroplasty in Patients with Pigmented Villonodular Synovitis. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, Mar 6-10, 2018. Poster Presentation.
46. Cancienne J, **Casp A**, Browne J, Werner B. Narcotic Use and Total Knee Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, Mar 6-10, 2018. Poster Presentation.
47. Browne J, Cancienne J, **Casp A**, Novicoff W, Werner B. Certificate of Need Programs Have Failed to Achieve their Intended Goals in Total Knee Arthroplasty. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, Mar 6-10, 2018. Podium Presentation.
48. **Casp A**, Werner B, Miller M. Osteochondral Autograft Plug Transfer for Isolated Femoral Condyle Defects in Patients Over Forty. Southern Orthopaedic Association Annual Meeting, Hilton Head, SC, June 29-July 1 2017. Podium Presentation.
49. **Casp A**, Evans C, Yarboro S. Skeletal Traction Pin Diameter and Deflection Under Load: A Biomechanical Evaluation with Clinical Correlation. Virginia Orthopaedic Society Annual Meeting, Charlottesville, VA, April 2017. Poster Presentation.
50. Yarboro S, Kahler D, Weiss D, **Casp A**, Holzgrefe R, Wells J. Evaluation of orthopaedic trauma loss to follow-up and the impact of a routine call back program at an academic Level I trauma center. Virginia Orthopaedic Society Annual Meeting, Williamsburg VA, April 2016. Poster Presentation.
51. **Casp AJ**, Patterson BM, Parker BR, Tennant JN. Does Time During the Academic Year or PGY-Level of Resident Involved Affect Complication Rates in Lower Extremity Orthopaedic Trauma Surgery? North Carolina Orthopaedic Association Annual Meeting, Kiawah Island SC, October 2015. Podium Presentation.
52. Medda S, **Casp A**. Combined Local and Systemic Antibiotic Treatment for Implant Infection. American Association of Hip and Knee Surgeons Annual Meeting, Dallas TX, November 2013. Poster Presentation.
53. Medda S, **Casp AJ**, Del Gaizo DJ, Dahners LE, Weinhold PS. Combined Local and Systemic Antibiotic Treatment for Implant Infection. AAOS, OTA, SOMOS, ORS Extremity War Injuries Symposium, Washington DC, February 2013. Poster presentation.

54. Medda S, **Casp A.** Combined Local and Systemic Antibiotic Treatment for Implant Infection. Orthopaedic Research Society Annual Meeting, San Antonio TX, January 2013. Poster Presentation.
55. **Casp A.** The Osteoinductive Potential of Biomaterials in Subcutaneous Sites. University of North Carolina School of Medicine Student Research Day, January 2013. Poster Presentation.

Research Experience

University of North Carolina School of Medicine

The Osteoinductive Potential of Biomaterials in Subcutaneous Sites

Preceptor: Laurence Dahnert, M.D., Department of Orthopaedics, UNC Hospitals
May 2012 – August 2012

Funding: NIDDK Grant T35-DK007386, Aileen Stock Orthopaedic Research Fund

Combined Local and Systemic Antibiotic Treatment for Implant Infection

Preceptor: Laurence Dahnert, M.D., Department of Orthopaedics, UNC Hospitals
May 2012 – August 2012

Princeton University

The differential racial effects of alcohol taxes on teen pregnancy

Preceptor: Nancy Reichman M.B.A, Ph.D., Department of Economics, Princeton
University; Department of Pediatrics, Robert Wood Johnson Medical School

September 2008 – April 2009

United States Medical Licensing Exams

USMLE Step 1 score: 256

USMLE Step 2 score: 266

USMLE Step 3 score: 252

Language Medical Spanish proficiency