

Curriculum Vitae

Matthew Tyrrell Burrus, M.D.

Orthopaedic Surgeon
Orthopedic Associates of Central Texas
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EDUCATION

Doctor of Medicine	The University of Texas Medical School at Houston	2007 – 2011
B.S. Biology	Washington and Lee University, <i>magna cum laude</i>	2003 – 2007

POST GRADUATE EDUCATION AND TRAINING

Fellowship	Sports Medicine and Shoulder Surgery Fellowship University of Michigan Health System Division of Sports Medicine Fellowship Director: Bruce S. Miller, M.D. Ann Arbor, MI	2016 – 2017
Residency	University of Virginia Health System Program Director: A. Rashard Dacus, M.D. Charlottesville, VA	2012 – 2016
Internship	University of Virginia Health System Charlottesville, VA	2011 – 2012

MEDICAL LICENSURES

• Texas (active)	2017 – Present
• Michigan (inactive)	2016 – 2017
• Virginia (inactive)	2011 – 2016

CERTIFICATION

- Board Eligible in Orthopaedic Surgery – passed ABOS Part I 2016 (95th Percentile)

PROFESSIONAL SOCIETY MEMBERSHIPS

• Texas Medical Association (TMA)	2017 – Present
• Travis County Medical Society (TCMS)	2017 – Present
• American Orthopaedic Society for Sports Medicine (AOSSM)	2016 – Present
• Arthroscopy Association of North America (AANA)	2016 – Present
• Virginia Orthopaedic Society (VOS)	2013 – 2016
• American Academy of Orthopaedic Surgeons (AAOS)	2011 – Present

PROFESSIONAL COMMITTEES

• OACT Marketing Committee	2018 – Present
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PROFESSIONAL CONFERENCES ATTENDED

- Musculoskeletal Ultrasound Course, Naples, FL 2018
- Sports Medicine Orthopedic Technology & Innovation Forum, Naples, FL 2018
- Naples Hip Arthroscopy Course, Naples, FL 2018
- Stryker Mako Training Course for TKA/UKA/THA, Tampa, FL 2017
- AOSSM Annual Meeting, Toronto, ON 2017
- AAOS Annual Meeting, San Diego, CA 2017
- Naples Arthrex Sports Medicine Fellowship Forum, Naples, FL 2017
- Virginia Orthopaedic Society Annual Meeting, Williamsburg, VA 2016
- Texas Orthopaedic Association Annual Meeting, Bastrop, TX 2016
- Metcalf AANA Arthroscopy Surgery Meeting, Sun Valley, ID 2016
- AOFAS Annual Meeting, Long Beach, CA 2015
- AOSSM Annual Meeting, Seattle, WA 2014
- AO Trauma Course – Basic Principles of Fracture Management, St. Louis, MO 2012
- OTA Resident Comprehensive Fracture Course, Chicago, IL 2012

EDITORIAL AND JOURNAL POSITIONS

- Reviewer - Arthroscopy: The Journal of Arthroscopic and Related Surgery 2016 – Present
- Reviewer – American Journal of Sports Medicine 2018 – Present

HONORS AND AWARDS

The University of Michigan Sports Medicine and Shoulder Fellowship

- High Scoring Poster Presentation Award - Khan M, Madden K, Rogowski J, Stotts J, Samani M, **Burrus MT**, Sikka R, Bedi A. Impact of Bony Stress Injuries on Professional Basketball Performance. Poster Presentation at the Canadian Orthopaedic Association Annual Meeting. June 15-18, 2017. Ottawa, Ontario.

The University of Virginia Department of Orthopaedic Surgery

- Highest OITE Score for the PGY-3 Class
- Highest OITE Score for the PGY-5 Class
- 100th Percentile OITE Score during PGY-5 Year
- 2017 AAOS Video Theater Honorable Mention, Sports Medicine: “Sulcus-Deepening Trochleoplasty for Trochlear Dysplasia”

The University of Texas Medical School at Houston

- Alpha Omega Alpha Medical Honor Society
- USMLE Step 1 - 265
- USMLE Step 2 - 262
- USMLE Step 2 CS - Pass
- USMLE Step 3 - Pass

Washington and Lee University

- Phi Beta Kappa Honor Society 2006
- Alpha Epsilon Delta (pre-medical honor society) 2006
- Biology Departmental Award (awarded to one biology major student per year) 2006
- NCAA Academic All-Conference for Men’s Varsity Soccer 2004
- Houston Area Alumni Honor Scholarship (4-year full tuition scholarship) 2003 – 2007

- Eagle Scout 2000

TEAM COVERAGE EXPERIENCE

- Del Valle High School Football Team Physician 2017 – present
- International Champions Cup 2017
 - On-site orthopaedic coverage for international soccer match
- University of Michigan Assistant Team Physician 2016 – 2017
- Eastern Michigan University Assistant Team Physician 2016 – 2017
- U18 USA Hockey National Team Development Program 2016 – 2017
- St. Anne’s Belfield Football Team Physician 2015
- Woodberry Forest School Football Team Physician 2013 – 2014
- Fork Union Military Academy Football Team Physician 2012

ADMINISTRATIVE SERVICE

- Administrative Chief – Department of Orthopaedic Surgery 2015 – 2016
- Housestaff Executive Council – Orthopaedic Department Representative 2014 – 2015
- Residency Applicant Interviewer – Orthopaedic Surgery 2013 – 2016
- Residency Application Review Committee – Orthopaedic Surgery 2012 – 2016

COMMUNITY SERVICE

- Charlottesville Free Clinic – staffed a volunteer resident-run Orthopaedic clinic 2014 – 2016

PUBLICATIONS

Peer-Reviewed Publications

1. Dempsey IJ, **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Predictors of Osteochondral Lesions of the Talus in Patients Undergoing Broström-Gould Ankle Ligament Reconstruction. *Journal of Foot & Ankle Surgery. In Press.*
2. **Burrus MT**, Diduch DR, Werner BC. Patient-Related Risk Factors for Postoperative Stiffness Requiring Operative Intervention Following Arthroscopic Rotator Cuff Repair. *J Am Acad Orthop Surg, J Am Acad Orthop Surg. 2018 Oct 1. doi: 10.5435/JAAOS-D-16-00929.*
3. Bedi A, LaPrade RF, **Burrus MT**. Radiographic and Anatomic Landmarks of the Major Knee Ligaments. *J Bone Joint Surg Am, 2018 Jul 18;100(14):1241-1250. doi: 10.2106/JBJS.17.01135.*
4. Diduch DR, Kandil A, **Burrus MT**. Evaluation and Surgical Management of Lateral Patellar Instability in the Skeletally Mature. *J Am Acad Orthop Surg, 2018 May 18. doi: 10.5435/JAAOS-D-16-00052. [Epub ahead of print]*
5. Kirsch J, **Burrus MT**, Bedi A. Common Injuries in Professional Football Quarterbacks. *Curr Rev Musculoskelet Med, 2018 Mar;11(1):6-11. doi: 10.1007/s12178-018-9453-8.*
6. Khan M, Madden K, **Burrus MT**, Rogowski J, Stotts J, Samani M, Sikka R, Bedi A. Epidemiology and Impact on Performance of Lower Extremity Stress Injuries in Professional Basketball Players. *Sports Health, 2018 Mar/Apr;10(2):169-174. doi: 10.1177/1941738117738988.*

7. Moore SH, Carstensen SE, **Burrus MT**, Cooper MT, Park JS, Perumal V. Porous Titanium Wedges in Lateral Column Lengthening for Adult Acquired Flatfoot Deformity. *Foot Ankle Spec*, 2017 Oct 1:1938640017735890.
8. **Burrus MT**, Werner BC, Starman JS, Kurkis GM, Pierre JM, Diduch DR, Hart JM. Patient Perceptions and Current Trends in Internet Use by Orthopaedic Outpatients. *HSS J*, 2017 Oct;13(3):271-275. doi: 10.1007/s11420-017-9568-2.
9. Tanksley JA, Werner BC, Conte EJ, Lustenberger DP, **Burrus MT**, Brockmeier SF, Gwathmey FW, Miller MD. ACL Roof Impingement Revisited. *Orthop J Sports Med*, 2017 May 18; 5(5). doi: 10.1177/2325967117704152.
10. **Burrus MT**, Cancienne JM, Boatright JD, Yang S, Brockmeier SF, Werner BC. Shoulder Arthroplasty for Avascular Necrosis is Associated with Significantly Increased Postoperative Complications. *HSS J*, 2018 Feb;14(1):2-8. doi: 10.1007/s11420-017-9562-8.
11. **Burrus MT**, Werner BC, Cancienne JM, Diduch DR. Getting the MPFL Position Right and Troubleshooting in the OR. *Am J Orthop (Belle Mead NJ)*, 2017 March;46(2):76-81.
12. Cancienne JM, Werner BC, **Burrus MT**, Kandil A, Conte EJ, Gwathmey FW, Miller MD. The Transseptal Arthroscopic Knee Portal is in Close Proximity to the Popliteal Artery - a Cadaveric Study. *J Knee Surg*. 2017 Mar 10. doi: 10.1055/s-0037-1599252. [Epub ahead of print]
13. **Burrus MT**, Werner BC, Carr JB, Perumal V, Park JS. Increased Failure Rate of Modified Double Arthrodeses Compared with Triple Arthrodeses for Rigid Pes Planovalgus. *J Foot Ankle Surg*, 2016 Sept 7 [Epub ahead of print] doi: 10.1053/j.jfas.2016.07.001.
14. Werner BC, Cancienne JM, **Burrus MT**, Diduch DR. High Altitude is an Independent Risk Factor for Venous Thromboembolism Following Arthroscopic Rotator Cuff Repair: A Matched Case-Control Study in Medicare Patients. *J Shoulder Elbow Surg*, 2016 Aug 12 [Epub ahead of print] doi: 10.1016/j.jse.2016.06.005.
15. **Burrus MT**, Cowan JB, Bedi A. Avoiding Failure in Hip Arthroscopy: Complications, Pearls, and Pitfalls. *Clin Sports Med*. 2016 Jul;35(3):487-501. doi: 10.1016/j.csm.2016.02.011.
16. Werner BC, **Burrus MT**, Gwathmey FW, Miller MD. A Prospective Evaluation of the Anterior Horn of the Lateral Meniscus as a Landmark for Tibial Tunnel Placement in ACL Reconstruction. *Knee*. 2016 Jun;23(3):478-81. doi: 10.1016/j.knee.2015.10.009. Epub 2015 Nov 6.
17. **Burrus MT**, Werner BC, Perumal V, Park JS, Cooper MT. Achilles Repair in Obese Patients is Associated with Increased Complication Rates. *Foot Ankle Spec*. 2016 Jun;9(3):208-14. doi: 10.1177/1938640015609983. Epub 2015 Oct 12.
18. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Diduch DR. MPFL Graft Fixation in Low Degrees of Knee Flexion Minimizes Errors Made in the Femoral Location. *Knee Surg Sports Traumatol Arthrosc*, 2016 April 16 [Epub ahead of print] doi: 10.1007/s00167-016-4111-4.
19. Werner BC, **Burrus MT**, Kew ME, Dempsey IJ, Diduch DR, Miller MD, Gwathmey FW. Limited Utility of Routine Early Postoperative Radiography after Primary ACL Reconstruction. *Knee*. 2016 Mar;23(2):237-40. doi: 10.1016/j.knee.2015.09.006. Epub 2016 Jan 12.
20. Werner BC, Cancienne JM, **Burrus MT**, Griffin JW, Gwathmey FW, Brockmeier SF. The Timing of Elective Shoulder Surgery after Shoulder Injection Affects Postoperative Infection Risk in Medicare Patients. *J Shoulder Elbow Surg*. 2016 Mar;25(3):390-7. doi: 10.1016/j.jse.2015.08.039. Epub 2015 Nov 30.

21. **Burrus MT**, Werner BC, Griffin JW, Gwathmey FW, Miller MD. Diagnostic and Management Strategies of Multiligament Knee Injuries: A Critical Analysis Review. *JBJS Rev.*, 2016 Feb;4(2):). pii: 01874474-201602000-00001. doi: 10.2106/JBJS.RVW.O.00020.
22. Werner BC, Cancienne JM, **Burrus MT**, Park JS, Perumal V, Cooper MT. Risk of Infection After Intra-articular Steroid Injection at the Time of Ankle Arthroscopy in a Medicare Population. *Arthroscopy.* 2016 Feb;32(2):350-4. doi: 10.1016/j.arthro.2015.07.029. Epub 2015 Oct 1.
23. Park JS, **Burrus MT**, Bridgforth AB. Varus Deformity of the Distal Tibia from Physeal Growth Arrest Treated Using a Titanium Metal Porous Wedge. *Foot Ankle Spec.* 2015 Dec 7. pii: 1938640015620640. [Epub ahead of print]
24. **Burrus MT**, Werner BC, Crow AJ, Carson EC, Brockmeier SF, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. *Arthroscopy.* 2015 Dec;31(12):2342-51. doi: 10.1016/j.arthro.2015.06.020. Epub 2015 Aug 12.
25. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Brockmeier SF. Shoulder Arthroplasty in Patients with Parkinson's Disease is Associated with Increased Complications. *J Shoulder Elbow Surg.* 2015 Dec;24(12):1881-7. doi: 10.1016/j.jse.2015.05.048. Epub 2015 Jul 18.
26. Werner BC, **Burrus MT**, Browne JA, Brockmeier SF. Super Obesity (BMI > 50 kg/m²) and Complications after Total Shoulder Arthroplasty: An Incremental Effect of Increasing BMI. *J Shoulder Elbow Surg.* 2015 Dec;24(12):1868-75. doi: 10.1016/j.jse.2015.05.046. Epub 2015 Jul 17.
27. Werner BC, **Burrus MT**, Begho I, Gwathmey FW, Brockmeier SF. Early Revision within One Year after Shoulder Arthroplasty: Patient Factors and Etiology. *J Shoulder Elbow Surg.* 2015 Dec;24(12):e323-30. doi: 10.1016/j.jse.2015.05.035. Epub 2015 Jul 7.
28. **Burrus MT**, Werner BC, Yarboro SR. Obesity is Associated with Increased Postoperative Complications after Operative Management of Tibial Shaft Fractures. *Injury.* 2016 Feb;47(2):465-70. doi: 10.1016/j.injury.2015.10.026. Epub 2015 Oct 20.
29. Cancienne JM, **Burrus MT**, Weiss DB, Yarboro SR. Local Antibiotic Therapy for the Treatment and Prevention of Infection in Orthopaedic Trauma. *Orthop Clin North Am.* 2015 Oct;46(4):495-510. doi: 10.1016/j.ocl.2015.06.010.
30. **Burrus MT**, Werner BC, Cancienne JM, Miller MD. Simultaneous Bilateral Multiligamentous Knee Injuries are Associated with Severe Multisystem Trauma. *Knee Surg Sports Traumatol Arthrosc.* 2015 Oct;23(10):3038-43. doi: 10.1007/s00167-015-3720-7. Epub 2015 Jul 28.
31. Werner BC, **Burrus MT**, Novicoff WM, Browne JA. Total Knee Arthroplasty within Six Months after Knee Arthroscopy is Associated with Increased Postoperative Complications. *J Arthroplasty.* 2015 Aug;30(8):1313-6. doi: 10.1016/j.arth.2015.02.023. Epub 2015 Feb 28.
32. Werner BC, **Burrus MT**, Looney AM, Park JS, Perumal V, Cooper MT. Obesity is Associated with Increased Complications after Operative Management of End-Stage Ankle Arthritis. *Foot Ankle Int.* 2015 Aug;36(8):863-70. doi: 10.1177/1071100715576569. Epub 2015 Mar 12.
33. Werner BC, **Burrus MT**, Gwathmey FW, Perumal V, Park JS. Trends in Ankle Arthroscopy and Its Utilization in the Management of Lateral Ankle Pathology in the United States: A National Database Study. *Arthroscopy.* 2015 Jul;31(7):1330-7. doi: 10.1016/j.arthro.2015.01.020. Epub 2015 Mar 12.
34. **Burrus MT**, Werner BC, Starman JS, Gwathmey FW, Carson EW, Wilder RP, Diduch DR. Chronic Leg Pain in Athletes. *Am J Sports Med.* 2015 Jun;43(6):1538-47. doi: 10.1177/0363546514545859. Epub 2014 Aug 25.

35. **Burrus MT**, Chhabra AB. Distal Biceps Reconstruction 13 Years Post-Injury. *Ther Adv Musculoskelet Dis.* 2015 Apr;7(2):56-9. doi: 10.1177/1759720X14567116.
36. **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Predictors of Peroneal Pathology in Broström-Gould Ankle Ligament Reconstruction for Lateral Ankle Instability – A Retrospective Study. *Foot Ankle Int.* 2015 Mar;36(3):268-76. doi: 10.1177/1071100714556759. Epub 2014 Oct 20.
37. **Burrus MT**, Werner BC, Conte EJ, Diduch DR. Troubleshooting the Femoral MPFL Attachment: Location, Location, Location. *Orthop J Sports Med.* 2015 Jan 29; 3(1). doi: 10.1177/2325967115569198
38. Werner BC, **Burrus MT**, Brockmeier SF, Miller MD. Long Head Biceps Tenodesis: A Review of Indications, Techniques and Outcomes. *JBJS Rev.*, 2014, Dec 16.
39. **Burrus MT**, Conte EJ, Diduch DR. Technical Pearls for a Successful MPFL Reconstruction. *Orthopedics Today*, October 2014.
40. Amanatullah DF, **Burrus MT**, Sathappan SS, Levine B, Di Cesare PE. The Application of Minimally Invasive Surgical Techniques. Part I: Total Hip Arthroplasty. *Am J Orthop.* 2012;41(10): e134-e139.
41. Amanatullah DF, **Burrus MT**, Sathappan SS, Levine B, Di Cesare PE. The Application of Minimally Invasive Surgical Techniques. Part II: Total Knee Arthroplasty. *Am J Orthop.* 2012;41(10):e140-e144.
42. Amanatullah DF, **Burrus MT**, Sathappan SS, Levine B, Di Cesare PE. Applying Computer-Assisted Navigation Techniques to Total Hip and Knee Arthroplasty. *Am J Orthop.* 2011;40(8):419-426.
43. Fashandi A, **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Obesity is Associated with Prolonged Postoperative Recovery after Lateral Ankle Stabilization. *Foot Ankle Spec*, Under Review.
44. Khan M, **Burrus MT**, Wojtys EM, Bedi A. Arthroscopic Physal Sparing Posterior Cruciate Ligament Reconstruction in a Skeletally Immature Patient: A Systematic Review and Novel Surgical Technique. *Am J Orthop (Belle Mead NJ)*, Under Review.
45. Evans CL, **Burrus MT**, Werner BC, Weiss DB. Does Pin Site Distance from Definitive Hardware Affect Infection Rate in Pilon Fractures? *Injury*, Under Review.
46. **Burrus MT**, Cancienne JM, Kurkis GM, Carstensen SE, Griffin JW, Diduch DR. Trochleoplasty is a Viable Option for Patellar Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis of the US Experience at One Institution. *Arthroscopy*, Under Review.
47. **Burrus MT**, Habib A, Lee S, Werner BC, Khan M, Sikka R, Madden K, Rogowski J, Stotts J, Bedi A. Player Performance and Return to Sport after Arthroscopic Management of Hip Labral Tears in the National Basketball Association. *Knee Surg Sports Traumatol Arthrosc*, Under Review.

Book Chapters

1. Mlynarek RA, **Burrus MT**, Bedi A. Muscle Dysfunction after Anterior Cruciate Ligament Rupture and Reconstruction: Implications for Successful Recovery. In: Noyes FR, Barber-Westin SD, eds. *ACL Injuries in the Female Athlete: Causes, Impacts, and Conditioning Programs*, 2nd Edition. New York City: Springer-Verlag. 2018.
2. Lee S, **Burrus MT**, Draovitch P, Bedi A. Return to Play Following Hip Arthroscopy for FAI and Labral Lesions. In: Musahl V, Karlsson J, Kruttsch W, Mandelbaum B, Espregueira-Mendes J, eds. *Return to Play in Football: An Evidence Based Approach*. New York City: Springer-Verlag. 2018.

3. **Burrus MT**, Tompkins M, Hinckel B, Diduch DR, Arendt EA. Repair and Reconstruction of the Medial Patellofemoral Ligament for Treatment of Lateral Patellar Dislocations: Surgical Techniques and Clinical Results. In: WN Scott, ed. *Insall and Scott: Surgery of the Knee, 6th Edition*. Philadelphia: Elsevier. 2017: 939-953.
4. **Burrus MT**, Abazaïd NK, Goity LD, Vess EM, Diduch DR. Medial Patellofemoral Ligament Reconstruction [Video]. In: WN Scott, ed. *Insall and Scott: Surgery of the Knee, 6th Edition*. Philadelphia: Elsevier. 2017.
5. **Burrus MT**, Carstensen SE, Diduch DR. Trochleoplasty. In: Browne JA, Owens BD, eds. *Operative Techniques: Knee Surgery*. Philadelphia: Elsevier. 2017: 315-324.
6. **Burrus MT**, Vess EM, Diduch DR. Sulcus-Deepening Trochleoplasty [Video]. In: WN Scott, ed. *Insall and Scott: Surgery of the Knee, 6th Edition*. Philadelphia: Elsevier. 2017.
7. **Burrus MT**, Miller MD. Diagnostic Knee Arthroscopy and Arthroscopic Anatomy. In: Brockmeier SF, ed. *MRI-Arthroscopy Correlations: A Case-Based Atlas of the Knee, Shoulder, Elbow, and Hip*. New York City: Springer-Verlag. 2015: 19-28.
8. **Burrus MT**, Diduch DR. Osteochondritis Dissecans and Avascular Necrosis. In: Wiesel SW, ed. *Operative Techniques in Orthopaedic Surgery, 2nd Edition*. Philadelphia: Wolters Kluwer. 2016: 366-380.
9. Gwathmey FW, **Burrus MT**. Anatomy. In: Miller MD, Thompson SR, eds. *Review of Orthopaedics, 7th Edition*. Philadelphia: Elsevier. 2015: 148-263.
10. Miller MD, **Burrus MT**. Acute Lateral and Postero-lateral Injury. In: Rossi R, Margheritini R, eds. *Knee Ligament Injuries: Extra-articular Surgical Techniques*. Milan: Springer-Verlag. 2014: 27-38.
11. **Burrus MT**, Dacus RA. Carpal Instability. In: Boyer MI, ed. *AAOS Comprehensive Orthopaedic Review, 2nd Edition*. 2014: 1055-1064.
12. Thomas J, Khan M, **Burrus MT**, Bedi A. Overview of Rotator Cuff Injury. In: Arciero RA, Cordasco FA, Provencher MT, eds. *Shoulder and Elbow Injuries in Athletes: Prevention, Treatment, and Return to Sport*. Philadelphia: Elsevier. *In Press*.

Abstracts and/or Proceedings

1. Carstensen SE, **Burrus MT**, Feeley S, Cancienne JM, Diduch DR. Outcomes In Patients With Severe Trochlear Dysplasia Undergoing Sulcus-Deepening Trochleoplasty: A Minimum 1-Year Follow-Up Prospective Study. Poster Presentation at the 12th Biennial ISAKOS Congress, May 12-16, 2019. Cancun, Mexico.
2. Lee S, **Burrus MT**, Habib A, Werner BC, Khan M, Sikka R, Madden K, Rogowski J, Stotts J, Bedi A. Player Performance and Return to Sport after Arthroscopic Management of Hip Labral Tears in the National Basketball Association. Poster Presentation at the AAOS Annual Meeting, March 6-10, 2018. New Orleans, LA.
3. Carstensen SE, **Burrus MT**, Cancienne JM, Kurkis GM, Griffin JW, Diduch DR. Manipulation Under Anesthesia and Lysis of Adhesions Affords Similar Knee Flexion as Those Without Stiffness After Sulcus-Deepening Trochleoplasty: a Prospective Study. Podium Presentation at the AAOS Annual Meeting, March 6-10, 2018. New Orleans, LA.

4. Lee S, **Burrus MT**, Habib A, Werner BC, Khan M, Sikka R, Madden K, Rogowski J, Stotts J, Bedi A. Player Performance and Return to Sport after Arthroscopic Management of Hip Labral Tears in the National Basketball Association. Poster Presentation at the AAOS Annual Meeting, March 6-10, 2018. New Orleans, LA.
5. **Burrus MT**, Habib A, Lee S, Werner BC, Khan M, Sikka R, Madden K, Rogowski J, Stotts J, Bedi A. Player Performance and Return to Sport after Arthroscopic Management of Hip Labral Tears in the National Basketball Association. Podium Presentation at the Big 10 Sports Surgery Fellowship Meeting. July 20, 2017. Toronto, Ontario.
6. Khan M, Madden K, Rogowski J, Stotts J, Samani M, **Burrus MT**, Sikka R, Bedi A. Impact of Bony Stress Injuries on Professional Basketball Performance. Poster Presentation at the AOSSM 2017 Annual Meeting. July 20-23, 2017. Toronto, Ontario.
7. **Burrus MT**, Cancienne JM, Kurkis GM, Carstensen SE, Griffin JW, Diduch DR. Trochleoplasty is a Viable Option for Patellar Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis of the U.S. Experience. Poster Presentation at the AOSSM 2017 Annual Meeting. July 20-23, 2017. Toronto, Ontario.
8. **Burrus MT**, Cancienne JM, Kurkis GM, Conte JE, Griffin JW, Werner BC, Diduch DR. Equivalent Outcomes for Patients Following Trochleoplasty as a Primary or Revision Patellar Stabilizing Procedure. Poster Presentation at the AOSSM 2017 Annual Meeting. July 20-23, 2017. Toronto, Ontario.
9. Khan M, Madden K, Rogowski J, Stotts J, Samani M, **Burrus MT**, Sikka R, Bedi A. Impact of Bony Stress Injuries on Professional Basketball Performance. Poster Presentation at the Canadian Orthopaedic Association Annual Meeting. June 15-18, 2017. Ottawa, Ontario.
10. Khan M, **Burrus MT**, Wojtys EM, Bedi A. Arthroscopic Physeal Sparing Posterior Cruciate Ligament Reconstruction in a Skeletally Immature Patient: A Systematic Review and Novel Surgical Technique. Poster Presentation at the ISAKOS Annual Meeting. June 4-8, 2017. Shanghai, China.
11. Diduch DR, **Burrus MT**, Cancienne JM, Carstensen SE, Griffin JW. Deepening Trochleoplasty in Patients with Severe Dysplasia. Podium Presentation at the Herodicus Society 43rd Annual Meeting. May 21, 2017. Pebble Beach, CA.
12. Khan M, Madden K, Rogowski J, Stotts J, Samani M, **Burrus MT**, Sikka R, Bedi A. Impact of Bony Stress Injuries on Professional Basketball Performance. Poster Presentation at the Minnesota Orthopedic Society's Annual Meeting. May 12, 2017. Minneapolis, MN.
13. Cancienne JM, **Burrus MT**, Miller MD, Werner BC. Patient-Related Risk Factors for Infection Following Knee Arthroscopy: An Analysis of Over 700,000 Patients from Two Large Databases. Poster Presentation at the Virginia Orthopaedic Society 70th Annual Meeting, April 21-23, 2017. Charlottesville, VA.
14. Cancienne JM, **Burrus MT**, Diduch DR, Werner BC. High Altitude is an Independent Risk Factor for Venous Thromboembolism Following Arthroscopic Rotator Cuff Repair. Poster Presentation at the Virginia Orthopaedic Society 70th Annual Meeting, April 21-23, 2017. Charlottesville, VA.
15. Cancienne JM, **Burrus MT**, Miller MD, Werner BC. Patient-Related Risk Factors for Infection Following Knee Arthroscopy: An Analysis of Over 700,000 Patients from Two Large Databases. Podium Presentation at the AAOS Annual Meeting, March 14-18, 2017. San Diego, CA.
16. Cancienne JM, **Burrus MT**, Diduch DR, Brockmeier SF, Werner BC. High Altitude is an Independent Risk Factor for Venous Thromboembolism Following Arthroscopic Rotator Cuff Repair. Poster Presentation at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.

17. **Burrus MT**, Kurkis GM, Conte EJ, Griffin JW, Werner BC, Hart JM, Diduch DR. Equivalent Outcomes for Patients Following Trochleoplasty as a Primary or Revision Patellar Stabilizing Procedure. Poster Presentation at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.
18. **Burrus MT**, Werner BC, Starman JS, Kurkis GM, Pierre JM, Diduch DR, Hart JM. Patient Perceptions and Current Trends in Internet Use by Orthopaedic Outpatients. Podium Presentation at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.
19. **Burrus MT**, Cancienne JM, Kurkis GM, Carstensen SE, Griffin JW, Diduch DR. Trochleoplasty is a Viable Option for Patellar Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis of the US Experience. Podium Presentation at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.
20. **Burrus MT**, Etier BE, Diduch DR, Carson EW, Werner BC. Patient-Related Risk Factors for Postoperative Stiffness Requiring Operative Intervention Following Arthroscopic Rotator Cuff Repair. Podium Presentation at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.
21. **Burrus MT**, Vess EM, Diduch DR. Sulcus-Deepening Trochleoplasty for Trochlear Dysplasia. Video Presentation in the Orthopaedic Video Theater at the AAOS Annual Meeting, March 14 – 18, 2017. San Diego, CA.
22. **Burrus MT**, Kurkis GM, Conte EJ, Griffin JW, Werner BC, Hart JM, Diduch DR. Equivalent Outcomes for Patients Following Trochleoplasty as a Primary or Revision Patellar Stabilizing Procedure. Second Annual UVA Orthopaedic Resident Research Day. June 22, 2016, Charlottesville, VA.
23. **Burrus MT**. The MPFL and Its Role in Patellar Instability. Podium presentation at The Art & Science of Sports Medicine Conference at the University of Virginia. June 6-10, 2016. Charlottesville, VA.
24. Diduch DR, **Burrus MT**, Carstensen SE, Vess EM. Troubleshooting MPFL Reconstruction. Podium presentation at The New England Orthopedic Society 2016 Spring Meeting. June 3-5, 2016. Woodstock, VT.
25. Diduch DR, **Burrus MT**, Carstensen SE, Vess EM. Deepening Trochleoplasty for Patella Instability. Podium presentation at The New England Orthopedic Society 2016 Spring Meeting. June 3-5, 2016. Woodstock, VT.
26. Diduch DR, **Burrus MT**, Carstensen SE, Vess EM. Patella Instability. Lahey Clinic Grand Rounds. June 1, 2016. Boston, MA.
27. Diduch DR, **Burrus MT**, Carstensen SE, Vess EM. MPFL Reconstruction - Troubleshooting in the OR. Podium presentation at the 42nd Annual Herodicus Society Meeting. July 5, 2016. Colorado Springs, CO.
28. Diduch DR, **Burrus MT**, Carstensen SE, Vess EM. MPFL Reconstruction - Getting it Right the First Time. AOSSM Annual Meeting. July 9, 2016. Colorado Springs, CO.
29. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Brockmeier SF. Shoulder Arthroplasty in Patients with Parkinson's Disease is Associated with Increased Complications. Poster presentation at the Virginia Orthopaedic Society 69th Annual Meeting, April 15-17, 2016. Williamsburg, VA.
30. Fashandi A, **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Obesity is Associated with Protracted Postoperative Recovery after Lateral Ankle Stabilization. Poster presentation at the Virginia Orthopaedic Society 69th Annual Meeting, April 15-17, 2016. Williamsburg, VA.

31. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Diduch DR. MPFL Graft Fixation in Low Degrees of Knee Flexion Minimizes Errors Made in the Femoral Location. Podium presentation at the Virginia Orthopaedic Society 69th Annual Meeting, April 15-17, 2016. Williamsburg, VA.
32. Cancienne JM, Werner BC, **Burrus MT**, Park JS, Perumal V, Cooper MT. Risk of Infection After Intra-articular Steroid Injection at the Time of Ankle Arthroscopy in a Medicare Population. Poster Presentation at the Virginia Orthopaedic Society 69th Annual Meeting, April 15-17, 2016. Williamsburg, VA.
33. **Burrus MT**, Werner BC, Gwathmey FW, Miller MD. A Prospective Evaluation of the Anterior Horn of the Lateral Meniscus as a Landmark for Tibial Tunnel Placement in ACL Reconstruction. Podium presentation at the Virginia Orthopaedic Society 69th Annual Meeting, April 15-17, 2016. Williamsburg, VA.
34. Werner BC, Cancienne JM, **Burrus MT**, Park JS, Perumal V, Cooper MT. Risk of Infection After Intra-articular Steroid Injection at the Time of Ankle Arthroscopy in a Medicare Population. Poster presentation at the AANA 35th Annual Meeting, April 14-16, 2016. Boston, MA.
35. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Diduch DR. MPFL Graft Fixation in Low Degrees of Knee Flexion Minimizes Errors Made in the Femoral Location. Poster presentation at the AANA 35th Annual Meeting, April 14-16, 2016. Boston, MA.
36. Werner BC, **Burrus MT**, Cancienne JM, Kandil A, Conte EJ, Miller MD, Gwathmey FW. The Transseptal Arthroscopic Knee Portal is in Close Proximity to the Popliteal Artery - a Cadaveric Study. Poster presentation at the AANA 35th Annual Meeting, April 14-16, 2016. Boston, MA.
37. **Burrus MT**, Werner BC, Crow AJ, Carson EC, Brockmeier SF, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. Podium presentation at the Texas Orthopaedic Association Annual Meeting, April 7-9, 2016. Bastrop, TX.
38. **Burrus MT**, Werner BC, Cancienne JM, Miller MD. Simultaneous Bilateral Multiligamentous Knee Injuries are Associated with Severe Multisystem Trauma. Podium presentation at the Texas Orthopaedic Association Annual Meeting, April 7-9, 2016. Bastrop, TX.
39. Werner BC, Cancienne JM, **Burrus MT**, Park JS, Cooper MT. Intraarticular Steroid Injection During Ankle Arthroscopy Leads to Increased Rates of Postoperative Infection. Podium presentation at the AAOS Annual Meeting, March 1 – 5, 2016. Orlando, FL.
40. Werner BC, Cancienne JM, Griffin JW, **Burrus MT**, Gwathmey FW, Brockmeier SF. The Timing of Elective Shoulder Surgery after Intra-articular Injection Affects Postoperative Infection Risk. Podium presentation at the AAOS Annual Meeting, March 1 – 5, 2016. Orlando, FL.
41. **Burrus MT**, Kandil A, Abazaid NK, Goity LD, Diduch DR. MPFL Reconstruction – Getting it Right. Video Presentation in the Orthopaedic Video Theater at the AAOS Annual Meeting, March 1 – 5, 2016. Orlando, FL.
42. Werner BC, Griffin JW, **Burrus MT**, Browne JA, Brockmeier SF. The Timing of Elective Shoulder Surgery after Intra-Articular Shoulder Injection Affects Postoperative Infection Risk. Podium presentation at the American Shoulder and Elbow Surgeons 2016 Open Meeting/Specialty Day. March 1 – 5, 2016.
43. Abazaid NK, **Burrus MT**, Kandil A, Goity LD, Diduch DR. MPFL Reconstruction – Getting it Right. AOSSM Surgical Skills Course: Current Treatment of the Athlete's Knee; Innovative Surgical

Solutions for Complex Problems. January 24, 2016. AAOS Orthopaedic Learning Center, Rosemont, Illinois.

44. Werner BC, Griffin JW, **Burrus MT**, Browne JA, Brockmeier SF. The Timing of Elective Shoulder Surgery after Intra-Articular Shoulder Injection Affects Postoperative Infection Risk. Podium presentation at the Closed Meeting American Shoulder and Elbow Surgeons. October 8 – 11, 2015. Asheville, NC.
45. Werner BC, **Burrus MT**, Cancienne JM, Boatright JD, Yang S, Brockmeier SF. Shoulder Arthroplasty for Avascular Necrosis is Associated with Significantly Increased Postoperative Complications. Poster presentation at the Closed Meeting American Shoulder and Elbow Surgeons. October 8 – 11, 2015. Asheville, NC.
46. **Burrus MT**, Werner BC, Cancienne JM, Gwathmey FW, Diduch DR. MPFL Graft Fixation in Deep Knee Flexion Results in Substantial Graft Behavior Variability in Knee Extension. Podium presentation at the International Patellofemoral Study Group Annual Meeting, September 9-11, 2015. Chicago, IL.
47. **Burrus MT**, Conte EJ, Griffin JW, Hart JM, Diduch DR. Trochleoplasty is a Viable Option for Recurrent Patella Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis. Podium presentation at the International Patellofemoral Study Group Annual Meeting, September 9-11, 2015. Chicago, IL.
48. **Burrus MT**, Werner BC, Looney AM, Browne JA, Park JS, Cooper MT. Obesity is Associated with Increased Complications after Operative Management of End-Stage Ankle Arthritis. Podium presentation at the American Orthopaedic Foot and Ankle Society 2015 Annual Meeting, July 15-18, 2015. Long Beach, CA.
49. **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Predictors of Peroneal Pathology in Broström-Gould Ankle Ligament Reconstruction for Lateral Ankle Instability – A Retrospective Study. Poster presentation at the American Orthopaedic Foot and Ankle Society 2015 Annual Meeting, July 15-18, 2015. Long Beach, CA.
50. Browne JA, Werner BC, **Burrus MT**, Novicoff WM. Total Knee Arthroplasty within Six Months after Knee Arthroscopy is Associated with Increased Postoperative Complications. Podium Presentation at the Southern Orthopaedic Association 32nd Annual Meeting, July 15-18, 2015. Asheville, NC.
51. Tanksley JA, Conte EJ, Werner BC, **Burrus MT**, Lustenberger DP, Gwathmey FW, Brockmeier SF, Miller MD. ACL Roof Impingement Revisited. Poster presentation at the AOSSM Annual Meeting, 2015 July 9-12. Orlando, FL.
52. **Burrus MT**, Werner BC, Crow AJ, Carson EC, Brockmeier SF, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. First Annual UVA Orthopaedic Resident Research Day. June 17, 2016, Charlottesville, VA.
53. Tanksley JA, Conte EJ, Werner BC, **Burrus MT**, Lustenberger DP, Gwathmey FW, Brockmeier SF, Miller MD. ACL Roof Impingement Revisited. Podium presentation at the 41th Annual Herodicus Society Meeting. June 4, 2015. Lyon, France.
54. Diduch DR, **Burrus MT**. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. Podium presentation at the 41th Annual Herodicus Society Meeting. June 4, 2015. Lyon, France.
55. Carson EW, **Burrus MT**. Exertional Compartment Syndrome. Podium presentation at The Art & Science of Sports Medicine Conference at the University of Virginia. June 1-5, 2015. Charlottesville, VA.

56. **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Predictors of Peroneal Pathology in Broström-Gould Ankle Ligament Reconstruction for Lateral Ankle Instability - A Retrospective Study. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
57. **Burrus MT**, Werner BC, Carr JB, Perumal V, Park JS. Increased Failure Rate of Modified Double Arthrodeses Compared to Triple Arthrodeses for Pes Planovalgus. Poster Presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
58. **Burrus MT**, Werner BC, Yarboro SR. Obesity is Associated with Increased Postoperative Complications after Operative Management of Tibial Shaft Fractures. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
59. **Burrus MT**, Werner BC, Miller MD. Simultaneous Bilateral Multiligamentous Knee Injuries are Associated with Severe Multisystem Trauma. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
60. Werner BC, **Burrus MT**, Novicoff WM, Browne JA. Total Knee Arthroplasty within Six Months after Knee Arthroscopy is Associated with Increased Postoperative Complications. Podium presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
61. Werner BC, **Burrus MT**, Gwathmey FW, Brockmeier SF. Risk Factors and Etiology for Early (Less than 1 Year) Revision after Total Shoulder Arthroplasty. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
62. Evans CL, **Burrus MT**, Werner BC, Walker JB, Weiss DB. Risk Factors for Pilon Infection After Definitive Fixation. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
63. Dempsey IJ, **Burrus MT**, Werner BC, Hadeed M, Walker JB, Perumal V, Park JS. Presence of Osteochondral Lesions of the Talus in Chronic Ankle Instability. Poster presentation at the Virginia Orthopaedic Society 68th Annual Meeting, April 24-26, 2015. Hot Springs, VA.
64. **Burrus MT**, Crow AJ, Werner BC, Diduch T, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. Poster presentation at the AAOS Annual Meeting, March 24-28, 2015. Las Vegas, NV.
65. Diduch DR, **Burrus MT**. Surgical Spotlight: Pearls of MPFL Reconstruction. Podium presentation at the AOSSM Annual Meeting, July 10-13, 2014. Seattle, WA.
66. Diduch DR, Griffin JW, **Burrus MT**, Cushnie EK. You Lack Depth - Deepening Trochleoplasty. Podium presentation at the 40th Annual Herodicus Society Meeting. July 7, 2014. Victoria, BC.
67. **Burrus MT**. Ankle Instability in the Athlete. Podium presentation The Art & Science of Sports Medicine Conference at the University of Virginia. June 2-6, 2014. Charlottesville, VA.
68. **Burrus MT**, Crow AJ, Werner BC, Diduch T, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. Poster presentation at the Virginia Orthopaedic Society 67th Annual Meeting, May 2-4, 2014. Roanoke, VA.
69. **Burrus MT**. The Basics of Surgical Management of Forearm Fractures. Podium presentation at St. Mary's Hospital. April 5, 2014. Richmond, VA.
70. Crow AJ, **Burrus MT**, Werner BC, Diduch T, Miller MD, Diduch DR. Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts. Podium

presentation at the UVA-Duke Annual Sports Medicine Staff Academic Exchange. October 12, 2013. Charlottesville, VA.

Lectures

1. Burrus MT. Subscapularis Tear after Total Shoulder Arthroplasty. Ohio State University Fellowship Exchange. June 29, 2017. Columbus, OH.