**PUBLICATIONS/PRESENTATIONS:**

**Peer Reviewed Manuscripts:**

11) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Nathan E. Marshall MD, Lafi Khalil BA, Patricia Kolowich MD, Vasilios Moutzouros MD

*Pain Assessment After Anterior Cruciate Ligament Reconstruction: Patella Tendon Versus Hamstring Autograft*

**Orthopedic Journal of Sports Medicine.** August 1, 2016.

DOI: https://doi.org/10.1177/2325967116674924

12) Nathan E Marshall MD, **Robert A. Keller MD**, Kelechi Okoroha MD, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* **Orthopedic Journal of Sports Medicine,** Nov 2016; 4(11). DOI: 10.1177/2325967116672620

13) Kelechi Okorha MD, **Robert A. Keller MD**, Nathan E. Marshall MD, Edward Jung MD, Nima Mehran MD, Vasilios Moutzouros MD

*Liposomal Bupivicain vs Peripheral Nerve Bock for post-ACL Reconstruction Pain Control: A Prospective Randomized Trial*

**Arthroscopy.** 2016 Sep;32(9) 1838-45 DOI: 10.1016/j.arthro.2016.05.033.

**\*Winner of the Journal of Arthroscopy, 2016 Resident/Fellow Research Award**

14) Kelechi Okoroha, Omar Kadri MD, **Robert A. Keller MD**, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Return to Play in National Football League Players After Revision Anterior Cruciate Ligament Reconstruction*

**Orthopedic Journal of Sports Medicine,** April 2017. DOI: 10.1177/2325967117698788

15) **Robert A. Keller MD**, Nima Mehran MD, Lafi Khalil BS, Christopher Ahmad MD, Neal ElAttrache MD

*Relative Individual Workload Changes May Be a Risk Factor for Re-Rupture of UCL Reconstruction*

**Journal of Shoulder and Elbow Surgery.** 2017 March; 26(3) 369-375.

DOI: http://dx.doi.org/10.1016/j.jse.2016.11.045

16) **Robert A. Keller MD**, Nima Mehran MD, Nathan E Marshall MD, Lafi Khalil BA, James E Tibone MD, Vasilios Moutzouros MD.

*Major League Pitching Workload after Primary Ulnar Collateral Ligament Reconstruction and its risk for Revision Surgery*

**Journal of Shoulder and Elbow Surgery,** Volume 26, Issue 2, February 2017, Pages 288–294

17) Mehool Shukla MD, **Robert A. Keller MD,** Nathan E. Marshall MD, Courtney Scher DO, Vasilios Moutzouros MD, Marnix van Holsbeeck MD.

*Reproducibility and utilization of different ultrasound measurements of the ulnar collateral ligament of the elbow*.

**Skeletal Radiology,** Published online April 20, 2017

DOI 10.1007/s00256-017-2656-z

18) **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua S. Dines MD, Charles A. Bush-Joseph MD, Orr Limpisvasti MD.

*Deep Venous Thrombosis Prophylaxis in Anterior Cruciate Ligament Reconstructive Surgery: What is the current state of practice?*

Manuscript accepted to the **Sports Health**, May 2017

19) Kelechi R. Okoroha MD, Lafi Khalil B.S., Edward K Jung M.D., **Robert A. Keller M.D**., Muneer Aboulijod B.S., Derek Chan, Vasilios Moutzouros M.D.

*Single Shot Femoral Nerve Block Does Not Cause Long Term Strength and Functional Deficits Following Anterior Cruciate Ligament Reconstruction*

Manuscript accepted to **Arthroscopy**, July 2017

20) Kelechi Okoroha MD, Kevin Taylor MD, Nathan E. Marshall MD, **Robert A. Keller MD**, Mosin Fidai MD, Vasilios Moutzouros MD

*Return to Play After Shoulder Instability in National Football League Athletes* **Journal of Shoulder and Elbow Surgery**, 2018 Jan;27(1):17-22 doi: 10.1016/j.arthro.2017.07.029

21) **Robert A. Keller MD**, Nima Mehran MD, Nathan E. Marshall MD, Lafi Khalil BA, Stephen P. DeSilva MD

*The Utility of Botulinum Toxin A in the Repair of Upper Extremity Tendon Ruptures* Manuscript accepted to **Musculoskeletal Surgery**, June 2017

22) **Robert A. Keller MD**, Anthony De Giacomo MD, Julie Neumann MD, Orr Limpisvasti MD, James E. Tibone MD

*Glenohumeral Internal Rotation Deficit and its risk for Injury: A Meta-Analysis and systematic review*

Sports Health. 2018 Mar/Apr;10(2):125-132. doi: 10.1177/1941738118756577. Epub 2018 Jan 30.

23) **Robert A. Keller MD**, Nathan E. Marshall MD, Anthony F. De Giacomo MD, Michael B. Banffy MD, Orr Limpisvasti MD, Neal ElAttrache MD.

*Medial Elbow Pain During the Return to Throwing Period After Ulnar Collateral Ligament Reconstruction*

Manuscript accepted to the **OJSM**

24) Anthony De Giacomo MD, **Robert A. Keller MD,** Orr Limpisvasti MD, Neal ElAttrache MD. *Does Surgical Technique For Elbow Ulnar Collateral Ligament Reconstruction Effect Performance Statistics In Professional Baseball Players?*

(Manuscript submitted to **Sports Health**)

25) Anthony De Giacomo MD, **Robert A. Keller MD,** Orr Limpisvasti MD, Neal ElAttrache MD. *Does Ulnar Neuritis Effect Outcomes of Elbow Ulnar Collateral Ligament Reconstruction?* (Manuscript submitted to **Sports Health**)

26) **Robert A. Keller MD,** Nathan E Marshall MD, Jonathan Lynch MD, Nima Mehran MD, John Michael Guest BA, Kelechi Okorha MD, Vasilios Moutzouros MD.

*Seasonal Timing of Ulnar Collateral Ligament Injury in Major League Baseball Pitchers* (Manuscript submitted for publication to **JAAOS**)

27)Jane Liu MD, Kelechi Okoroha MD, **Robert A. Keller MD**, William Hakeos MD, Joseph Hoegler MD, S. Trent Guthrie MD

*Patient Perceptions of Physician Reimbursement in Orthopaedic Trauma Surgery* (Manuscript submitted to **Orthopedics**)

28) Nathan E. Marshall MD, **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua S. Dines MD, Charles A. Bush-Joseph MD, Orr Limpisvasti MD.

*Current Post-Operative and Return to Play Practices after ACL Reconstruction by Fellowship Trained Sports Surgeons*

MUSCULOSKELETAL SURGERY (2019) 103:55–61 https://doi.org/10.1007/s12306-018- 0574-4

29) Anthony De Giacomo MD, **Robert A. Keller MD**, Russel Ramano ATC, James E. Tibone MD *Platelet-Rich Plasma and Collegiate Football: Does PRP Reduce Return to Play Time for Commonly Sustained Injuries in Division I Collegiate Football Players?*

(Manuscript submitted to **AJSM**)

30) **Robert A Keller MD,** Michael Birns MD, Adam Cady PA-C, Orr Lipisvasti MD, Michael B. Banffy MD

*Local Posterior Capsule Injection for Pain Control after ACL Reconstruction: A Randomized Controlled Trial*

Knee Surg Sports Traumatol Arthrosc. 2018 Aug 27. doi: 10.1007/s00167-018-5111-3

31) Nathan E. Marshall MD, **Robert A. Keller MD**, Orr Lipisvasti MD, Neal ElAttrache MD. *Pitching Performance after ulnar collateral ligament reconstruction at a single institution in Major League Baseball pitchers.*

Am J Sports Med. 2018 Sep 19:363546518795670. doi: 10.1177/0363546518795670.

**Book Chapters:**

1) **Robert A. Keller**, Yu-Po Lee

*Kyphoplasty for the Treatment of Traumatic and Osteoporotic Fractures.*

**Spine Trauma Surgical Techniques.** Ed. Vikas V. Patel. Springer Publications. **Abstracts:**

1) Brandon R Macias, Qiuxia Zhang, **Robert A Keller**, Timothy B Neuschwander, and Alan R Hargens

*Tibialis anterior muscle oxygenation during lower body pressure*

*FASEB J.* 2006 20:A805

2) Qiuxia Zhang, **Robert A Keller**, Brandon R Macias, Timothy B Neuschwander, and Alan R Hargens

*Skin and muscle microvascular flows are altered with lower body pressure*

*FASEB J.* 2006 20:A805

3) Timothy Bruce Neuschwander, Qiuxia Zhang, **Robert A Keller**, Brandon Richard Macias, and Alan R Hargens

*Mild external compression of the leg increases muscle blood flow and oxygenation FASEB J.* 2006 20:A806

4) Nathan E Marshall MD, **Robert A. Keller MD**, Kelechi Okoroha MD, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* **Orthopaedic Journal of Sports Medicine:** March 2016 4: 2325967116S00069, first published on March 30, 2016 doi:10.1177/2325967116S00069

5) Kelechi Okorha MD, **Robert A. Keller MD**, Nathan E Marshall MD, Jonathan Lynch MD, John-Michael Guest BA Terrance Lock MD, Brian Rill MD

*Patient Perceptions of Reimbursement for Arthroscopic Meniscectomy and ACL Reconstruction* **Arthroscopy**: June Volume 32, Issue 6, Supplement, Pages e25e26

doi: http://dx.doi.org/10.1016/j.arthro.2016.03.091

**Podium Presentation:**

1) Marshall NE, **Keller RA**, Limpisvasti O, Shulz B, ElAttrache N.

*Major League Baseball pitching performance after Tommy John Surgery and the effect of tear characteristics, technique and graft type.*

American Academy or Orthopedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV March 2019.

2) Marshall NE, **Keller RA**, Limpisvasti O, ElAttrache N.

*Pitching performance after ulnar collateral ligament reconstruction at a single institution in Major League Baseball pitchers.*

American Academy or Orthopedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV March 2019.

3) **Robert A. Keller MD**

*Superior Capsular Reconstruction for Massive Rotator Cuff Tears.*

10th Annual Detroit Regional Sports Medicine Symposium. July 18-19th, 2018. Plymouth, MI

4) **Robert A. Keller MD**

*Tommy John Surgery, Advances and Rehabilitation.*

Team Rehab Company Wide Education Grand Rounds. January 2018. Madison Heights, MI

5) **Robert A. Keller MD**

*PRP, Stem Cells, and Magic.*

Henry Ford Hospital Grand Rounds January 17th, 2018. Detroit, MI

6) **Robert A. Keller MD**, Nathan E. Marshall MD, Anthony F. De Giacomo MD, Michael B. Banffy MD, Orr Limpisvasti MD, Neal ElAttrache MD.

*Medial Elbow Pain During the Return to Throwing Period After Ulnar Collateral Ligament Reconstruction*

2018 Annual Kerlan-Jobe Research Day. July 5-6th, 2018. San Diego, CA.

7) **Robert A. Keller MD,** Nicholas B. Frisch

*A Pro-Active, Multi-Modal Approach to Limiting Opioid Use After ACL and Rotator Cuff Surgery*

2018 Annual Kerlan-Jobe Research Day. July 5-6th, 2018. San Diego, CA.

8) **Robert A. Keller MD,** Nicholas B. Frisch

*Direct Financial Return on Investment of High School Team Coverage*

2018 Annual Kerlan-Jobe Research Day. July 5-6th, 2018. San Diego, CA.

9) **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua Dines MD, Charles Bush-Joseph MD, Orr Limpisvasti MD.

*Deep Venous Thrombosis Prophylaxis in Anterior Cruciate Ligament Reconstructive Surgery: What is the Current State of Practice?*

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

10) **Robert A. Keller MD**, Michael Birns MD, Orr Limpisvasti MD, Michael B. Banffy MD. *Posterior Capsule Injection of Local Anesthetic for Postoperative Pain Control After Anterior Cruciate Ligament Reconstruction: A Prospective, Randomized Trial*.

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

11) **Robert A. Keller MD**, Nathan E. Marshall MD, Anthony F. De Giacomo MD, Orr Limpisvasti MD, Neal ElAttrache MD.

*Medial Elbow Pain During the Return to Throwing Period After Ulnar Collateral Ligament Reconstruction.*

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

12) Kelechi R. Okoroha MD, Nathan E. Marshall MD, **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua Dines MD, Charles Bush-Joseph MD, Orr Limpisvasti MD.

*Current Postoperative and Return to Play Protocol After Anterior Cruciate Ligament Reconstruction by Fellowship-Trained Sports Surgeons.*

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

13) Anthony De Giacomo MD, **Robert A. Keller MD,** Orr Limpisvasti MD, Neal ElAttrache MD. *Does Surgical Technique For Elbow Ulnar Collateral Ligament Reconstruction Effect Performance Statistics In Professional Baseball Players?*

2018 American Academy of Orthopaedic Surgeons Annual Meeting, March 7th-10th, 2018, New Orleans, LA

14) Anthony De Giacomo MD, **Robert A. Keller MD,** Orr Limpisvasti MD, Neal ElAttrache MD. *Does Ulnar Neuritis Effect Outcomes of Elbow Ulnar Collateral Ligament Reconstruction?* 2018 American Academy of Orthopaedic Surgeons Annual Meeting, March 7th-10th, 2018, New Orleans, LA

15) **Robert A. Keller MD**, Anthony F. De Giacomo MD, Orr Limpisvasti MD, Neal ElAttrache MD.

*Medial Elbow Pain During the Return to Throwing Period After Ulnar Collateral Ligament Reconstruction.*

2018 American Academy of Orthopaedic Surgeons Annual Meeting, March 7th-10th, 2018, New Orleans, LA

16) **Robert A. Keller MD**, Anthony F. De Giacomo MD, Neal ElAttrache MD *Tommy John Surgery and the Kerlan-Jobe Orthopaedic Clinic*

2017 Kerlan-Jobe Alumni Annual Meeting*, July 20, 2017. Toronto, ON.*

17) **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua S. Dines MD, Charles A. Bush-Joseph MD, Orr Limpisvasti MD.

*Deep Venous Thrombosis Prophylaxis in Anterior Cruciate Ligament Reconstructive Surgery: What is the current state of practice?*

2017 Kerlan-Jobe Alumni Annual Meeting*, July 20, 2017. Toronto, ON.*

18) **Robert A. Keller MD**, Nima Mehran MD, Lafi Khalil BS, Neal ElAttrache MD *Pre- and Post-UCL Reconstruction Surgery Workload and its Risk for Revision Reconstruction Surgery*

7th Annual Cedars-Sinai Orthopaedic Trauma Fellow and Resident Research Day. June 2, 2017. Los Angeles, CA

19) Kelechi Okoroha MD, Kevin Taylor MD, **Robert A. Keller MD**, Vishal Varma BA, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Return to Play After Shoulder Instability in National Football League Athletes* 2017 American Orthopaedic Society in Sports Medicine Annual Meeting. July 2017

20) Kelechi Okoroha MD, Kevin Taylor MD, **Robert A. Keller MD**, Vishal Varma BA, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Return to Play After Shoulder Instability in National Football League Athletes* 2017 Mid-America Orthopaedic Association Annual Meeting, Thursday April 19th-23rd, 2017

21) **Robert A. Keller MD,** Nathan E Marshall MD, Jonathan Lynch MD, Nima Mehran MD, John Michael Guest BA, Kelechi Okorha MD, Vasilios Moutzouros MD.

*Seasonal Timing of Ulnar Collateral Ligament Injury in Major League Baseball Pitchers* 2017 Mid-America Orthopaedic Association Annual Meeting, Thursday April 19th-23rd, 2017

22) Kelechi Okoroha MD, **Robert A. Keller MD**, Edward Jung MD, Lafi Khalil BA, Vasilios Moutzouros MD.

*Comparison of Strength and Functional Performance After ACL Reconstruction using Femoral Nerve Block vs Local Liposomal Bupvicaine*

2017 Mid-America Orthopaedic Association Annual Meeting, Thursday April 19th-23rd, 2017

23) **Robert A. Keller MD**, Nima Mehran MD, Nathan E Marshall MD, Lafi Khalil BA, James E Tibone MD, Vasilios Moutzouros MD.

*Major League Pitching Workload after Primary Ulnar Collateral Ligament Reconstruction and its risk for Revision Surgery.*

2017 Mid-America Orthopaedic Association Annual Meeting, Thursday April 19th-23rd, 2017

24) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Nathan E. Marshall MD, Lafi Khalil BA, Patricia Kolowich MD, Vasilios Moutzouros MD

*Pain Assessment After Anterior Cruciate Ligament Reconstruction: Patella Tendon Versus Hamstring Autograft.*

2017 Mid-America Orthopaedic Association Annual Meeting, Thursday April 19th-23rd, 2017

25) **Robert A. Keller MD**, Nima Mehran MD, Lafi Khalil BS, Neal ElAttrache MD *Pre- and Post-UCL Reconstruction Surgery Workload and its Risk for Revision Reconstruction Surgery*

2017 American Academy of Orthopaedic Surgeons Annual Meeting, March 14, 2017, San Diego, CA

26) Kelechi Okoroha MD, Jonathan Lynch MD, **Robert A. Keller MD**, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD

*Liposomal Bupivicain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control: A Randomized, Control Trial*

2017 American Academy of Orthopaedic Surgeons Annual Meeting, March 18, 2017, San Diego, CA

27) Kelechi Okoroha MD, Edward Jung MD, **Robert A Keller MD**, Nathan E. Marshall MD, Lafi Khalil BA, Vasilios Moutzouros MD

*Comparison of Strength and Functional Performance After ACL Reconstruction using Femoral Nerve Block vs Local Liposomal Bupvicaine*

National Medical Association 114th Annual Convention and Scientific Meeting, July 31st, 2016, Los Angeles, CA

28) **Robert A. Keller MD**, Nima Mehran MD, Lafi Khalil BS, Neal ElAttrache MD *Pre- and Post-UCL Reconstruction Surgery Workload and its Risk for Revision Reconstruction Surgery*

Kerlan Jobe Orthopaedic Clinic Alumni Meeting, July 9th, 2016, Colorado Springs, CO

29) **Robert A. Keller MD,** Nathan E Marshall MD, Jonathan Lynch MD, Nima Mehran MD, John Michael Guest BA, Kelechi Okoroha MD, Vasilios Moutzouros MD.

*Seasonal Timing of Ulnar Collateral Ligament Injury in Major League Baseball Pitchers* Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

30) Nima Mehran MD, Phil N Williams MD, **Robert A. Keller MD**, Stephen J Lombardo, Daniel Kharrazi MD

*Athletic Performance at the National Basketball Association Combine after Anterior Cruciate Ligament Reconstruction*

Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

31) **Robert A. Keller MD,** Nathan E Marshall MD, Kelechi Okoroha MD, Edward Jung MD, John Michael Guest BA, Vasilios Moutzouros MD.

*Major League Pitching Velocity and it’s Risk for UCL Reconstruction*

Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

32) Nathan E Marshall MD, **Robert A. Keller MD**, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* 2016 16th Annual Harold Frost Research Day

Winner for **Best Original Research**

33) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Nathan E. Marshall MD, Lafi Khalil BA, Vasilios Moutzouros MD

*Pain Assessment After Anterior Cruciate Ligament Reconstruction: Patella Tendon Versus Hamstring Autograft*

Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

34) **Robert A. Keller MD**, Nima Mehran MD MS, William Austin BA, Nathan E Marshall MD, Vasilios Moutzouros MD

*NFL Combine Performance after ACL Reconstruction*

2016 NFL Physicians Society Annual Meeting, Thursday February 25th, 2016

35) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD

*Liposomal Bupivicain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control*

2016 American Orthropaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, Seattle, WA

36) Kelechi Okorha MD, **Robert A. Keller MD**, Nathan E Marshall MD, Jonathan Lynch MD, John-Michael Guest BA Terrance Lock MD, Brian Rill MD

*Patient Perceptions of Reimbursement for Arthroscopic Meniscectomy and ACL Reconstruction* 2016 Henry Ford Hospital Annual Research Day

37) Nathan E Marshall MD, **Robert A. Keller MD**, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* The 13th International Congress of Shoulder and Elbow Surgery, May 20th, 2016, Jeju, Korea

38) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD

*Liposomal Bupivicain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control*

The 13th International Congress of Shoulder and Elbow Surgery, May 20th, 2016, Jeju, Korea

39) Kelechi Okorha MD, **Robert A. Keller MD**, Nathan E Marshall MD, John-Michael Guest BA Terrance Lock MD, Brian Rill MD

*Patient Perceptions of Reimbursement for Arthroscopic Meniscectomy and ACL Reconstruction* 2016 AANA Annual Meeting, April 15th, 2016, Boston, MA

40) Nathan E Marshall MD, **Robert A. Keller MD**, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* 2016 Mid-America Orthopaedic Association Annual Meeting, Thursday April 14th, 2016

41) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Vasilios Moutzouros MD *Liposomal Bupivicain vs Peripheral Nerve Bock for post-ACL Reconstruction Pain Control: A Prospective Randomized Trial.*

2016 Mid-America Orthopaedic Association Annual Meeting, Thursday April 14th, 2016

42) **Robert A. Keller MD**, Nima Mehran MD MS, William Austin BA, Nathan E Marshall MD, Vasilios Moutzouros MD

*NFL Combine Performance after ACL Reconstruction*

2016 Mid-America Orthopaedic Association Annual Meeting, Thursday April 14th, 2016

43) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD

*Liposomal Bupivicain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control*

American Academy of Orthopaedic Surgeons Annual Meeting, March 6, 2016, Orlando, FL

44) Nathan E Marshall MD, **Robert A. Keller MD**, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* American Academy of Orthopaedic Surgeons Annual Meeting, March 6, 2016, Orlando, FL

45) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Vasilios Moutzouros MD *Liposomal Bupivicain vs Peripheral Nerve Bock for post-ACL Reconstruction Pain Control* 2015 Michigan Orthopaedic Society Annual Meeting June 18th-21st, Mackinac Island, MI

46) **Robert A. Keller MD,** Nathan E Marshall MD, Nima Mehran MD MS, Michael J Bey PhD, Hafeez Ahmed MD, Courtney Scher DO, Marnix van Holsbeeck MD, Vasilios Moutzouros MD *Pre- and Post-Season Dynamic Ultrasound Evaluation of the Pitching Elbow* 2015 Mid-America Orthopaedic Association Annual Meeting, April 22-26, Hilton Head Island, SC

47) **Robert A. Keller MD**, Nathan E Marshall MD, Jonathan Lynch MD, Michael J Bey PhD , Vasilios Moutzouros MD

*Pitching Performance of Major League Baseball Players after Revision Ulnar Collateral Ligament Reconstruction*

2015 Mid-America Orthopaedic Association Annual Meeting, April 22-26, Hilton Head Island, SC

48) **Robert A. Keller MD**, Nathan E Marshall MD, Jonathan Lynch MD, Michael J Bey PhD, Vasilios Moutzouros MD

*Pitching Performance of Major League Baseball Players after Revision Ulnar Collateral Ligament Reconstruction*

American Academy of Orthopaedic Surgeons Annual Meeting, March 24, 2015, Las Vegas, NV

49) **Robert A. Keller MD**, Matt Steffes BA, David Zhou BA, Michael J Bey PhD, Vasilios Moutzouros MD

*The Effects of Ulnar Collateral Ligament Reconstruction on Major League Pitching Performance*

2014 American Orthopaedic Society in Sports Medicine Annual Meeting, July 10, 2014, Seattle, WA

50) **Robert A. Keller MD**, Nathan E Marshall MD, Nima Mehran MD MS, Michael J Bey PhD, Vasilios Moutzouros MD

*Pitching Speed and Genohumeral Adaptation in High School Pitchers*

2014 American Orthropaedic Association/Canadian Orthopaedic Association Combined Annual Meeting, June 20, 2014, Montreal, Quebec

51) **Robert A. Keller MD**, Nima Mehran MD, Nicholas B. Frisch MD, Joseph Popper MD, Stephen P. DeSilva MD

*The Utility of Botulinum Toxin A in the Repair of Upper Extremity Tendon Ruptures* Michigan Orthopaedic Society Annual Scientific Meeting, June 12-14, 2014, Mackinac Island, MI

52) **Robert A. Keller MD,** Nathan E Marshall MD, Nima Mehran MD MS, Michael J Bey PhD, Hafeez Ahmed MD, Courtney Scher DO, Marnix van Holsbeeck MD, Vasilios Moutzouros MD *Pre- and Post-Season Dynamic Ultrasound Evaluation of the Pitching Elbow* Detroit Academy of Orthopaedic Surgeons , May 12, 2014, Birmingham, MI

53) **Robert A. Keller MD**, Matt Steffes BA, David Zhou BA, Michael J Bey PhD, Vasilios Moutzouros MD

*The Effects of Ulnar Collateral Ligament Reconstruction on Major League Pitching Performance*

American Academy of Orthopaedic Surgeons Annual Meeting, March 11, 2014, New Orleans, LA

Poster Tour Podium Presentation

54) **Robert A. Keller MD**, Nathan E Marshall MD, Nima Mehran MD MS, Vasilios Moutzouros MD

*Genohumeral Adaptation in High Level High School Pitchers*

Detroit Academy of Orthopaedic Surgeons, May 13, 2013, Troy, MI

55) Colin P. McDonald, PhD, William K. Vasileff MD, Vasilios Moutzouros, MD, **Robert A. Keller MD**, Michael J Bey, PhD

*Dynamic In-Vivo Elbow Kinematics: Technique And Preliminary Findings*

Detroit Academy of Orthopaedics Research Day -- **3rd Place winner.** May 13, 2013, Troy, MI

56) **Robert A Keller BA**, William T Kent BA

*Vitamin D Levels in Vertebral Compression Fractures: Does a Deficiency Increase Your Risk?* GRMERC Research Day 2010, April 21, 2010, Grand Rapids, MI

57) Timothy Bruce Neuschwander MD, Qiuxia Zhang PhD, **Robert A Keller BA**, Brandon Richard Macias BS, and Alan R Hargens PhD

*Mild external compression restores leg muscle blood flow in a venous hypertension model.* Annual Meeting of the American Venous Forum, 2006, Miami, FL

**Poster Presentation:**

1) **Robert A. Keller MD**, Vasilios Moutzouros MD, Joshua Dines MD, Charles Bush-Joseph MD, Orr Limpisvasti MD.

*Deep Venous Thrombosis Prophylaxis in Anterior Cruciate Ligament Reconstructive Surgery: What is the Current State of Practice?*

2018 AOA Leadership Annual Meeting, June 28th-30nd, 2018. Boston, MA.

1) **Robert A. Keller MD**, Anthony F. De Giacomo MD, Orr Limpisvasti MD, Neal ElAttrache MD.

*Tommy John Surgery and Kerlan-Jobe Orthopaedic Clinic.*

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

2) **Robert A. Keller MD**, Anthony F. De Giacomo MD, Orr Limpisvasti MD, James E. Tibone MD.

*Glenohumeral Internal Rotation Deficit and Risk of Upper Extremity Injury in Overhead Athletes: A Meta-Analysis and Systematic Review.*

2018 Mid-America Orthopaedic Association Annual Meeting, April 18th-22nd, 2018. San Antonio, TX.

3) Vasilios Moutzouros MD, Nathan E. Marshall, MD, John-Michael Guest, Kelechi Okoroha, MD4, Stephanie Muh, MD, Eric C. Makhni, MD, **Robert A. Keller, M**D

*Strength Changes Associated with Elongation in Distal Biceps Tendon Repair*

2017 American Orthopaedic Society in Sports Medicine Annual Meeting. July 2017

4) Kelechi Okoroha, Omar Kadri MD, **Robert A. Keller MD**, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Return to Play in National Football League Players After Revision Anterior Cruciate Ligament Reconstruction*

2017 American Orthopedic Association (AOA) Annual Leadership Meeting. Charlotte, NC.

5) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD

*Liposomal Bupivicain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control*

2016 American Orthopedic Association Annual Meeting, Seattle, Washington. June 23-26, 2016. **Top 10 Poster Award Winner**

6) **Robert A. Keller MD**, Nima Mehran MD, Nathan E Marshall MD, Lafi Khalil BA, James E Tibone MD, Vasilios Moutzouros MD.

*Major League Pitching Workload after Primary Ulnar Collateral Ligament Reconstruction and its risk for Revision Surgery*

Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

7) Jane Liu MD, **Robert A. Keller MD**, William Hakeos MD, Joseph Hoegler MD, S. Trent Guthrie MD.

*Patient Perceptions of Physician Reimbursement in Orthopaedic Trauma Surgery* 2016 Orthopedic Trauma Association Annual Meeting, October 5-8, 2016

8) Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Liposomal Bupivicain vs Peripheral Nerve Bock for post-ACL Reconstruction Pain Control* 2016 13th Annual Henry Ford Medical Group Research Symposium- **1st Place for Best Clinical Research**

9) **Kelechi Okoroha,** Robert A. Keller MD, Omar Kadri MD, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Return to Play and Longevity in National Football League Players After Revision Anterior Cruciate Ligament Reconstruction*

Michigan Orthorthopedic Society 2016 Annual Meeting, June 10-12th, Makinac Island, MI

10) **Robert A. Keller MD**, Nima Mehran MD MS, William Austin BA, Nathan E Marshall MD, Vasilios Moutzouros MD

*NFL Combine Performance after ACL Reconstruction*

2016 American Orthopaedic Society in Sports Medicine Annual Meeting, July 6, 2016, Colorado Springs, CO

11) Nima Mehran MD, Phil N Williams MD, **Robert A. Keller MD**, Stephen J Lombardo, Daniel Kharrazi MD

*Athletic Performance at the National Basketball Association Combine after Anterior Cruciate Ligament Reconstruction*

2016 American Orthopaedic Society in Sports Medicine Annual Meeting, July 6, 2016, Colorado Springs, CO

12) Kelechi Okorha MD, **Robert A. Keller MD**, Nathan E Marshall MD, John-Michael Guest BA Terrance Lock MD, Brian Rill MD

*Patient Perceptions of Reimbursement for Arthroscopic Meniscectomy and ACL Reconstruction* 2016 American Orthopaedic Society in Sports Medicine Annual Meeting, July 6, 2016, Colorado Springs, CO

13) Edward Jung MD, Moneer Abouljoud BS, Trevor North MD, **Robert A. Keller MD,** Kelechi Okorha MD, Karan Srivastiva MD, Jason Davis MD.

*Pain Management and its Relationship with Patient Satisfaction in Total Joint Replacement Surgery*

2016 Mid-America Orthopaedic Association Annual Meeting, April 14-16, 2016

*14)* **Robert A. Keller MD**, Nima Mehran MD MS, William Austin BA, Lafi Khalil BA, Nathan E Marshall MD, Vasilios Moutzouros MD

*NFL Combine Performance after ACL Reconstruction*

*2016 Wayne State Univeristy Medical Student Research Symposium*

**3rd Place Winner**

*15)* Nathan E Marshall MD, **Robert A. Keller MD**, John-Michael Guest BA, Vasilios Moutzouros MD

*Radiostereometric Analysis of Biceps Tendon Elongation After Distal Biceps Tendon Repair* American Academy of Orthopaedic Surgeons Annual Meeting, March 6, 2016, Orlando, FL

*16)* Kelechi Okorha MD, **Robert A. Keller MD**, Edward Jung MD, Nathan E. Marshall MD, Vasilios Moutzouros MD

*Liposomal Bupivicain vs Peripheral Nerve Bock for post-ACL Reconstruction Pain Control* American Academy of Orthopaedic Surgeons Annual Meeting, March 6, 2016, Orlando, FL

17) **Robert A. Keller MD,** Nathan E Marshall MD, Nima Mehran MD MS, Michael J Bey PhD, Hafeez Ahmed MD, Courtney Scher DO, Marnix van Holsbeeck MD, Vasilios Moutzouros MD *Pre- and Post-Season Dynamic Ultrasound Evaluation of the Pitching Elbow*

2015 Michigan Orthopaedic Society Annual Meeting June 18th-21st, Mackinac Island, MI **\* Award Winner for Best Original Research**

18) Nathan E Marshall MD, **Robert A. Keller MD,** Michael J Bey PhD, Hafeez Ahmed MD, Courtney Scher DO, Marnix van Holsbeeck MD, Vasilios Moutzouros MD

*Pre-Season Ultrasound Evaluation of the Ulnar Collateral Ligament and Elbow in High School Baseball Pitchers*

2015 Mid-America Orthopaedic Association Annual Meeting, April 22-26, Hilton Head Island, SC

19) **Robert A. Keller MD**, Nathan E Marshall MD, Nima Mehran MD MS, Vasilios Moutzouros MD

*Pitching Speed and Genohumeral Adaptation in High School Pitchers*

Mid-America Orthopaedic Association Annual Meeting, April 23-27, 2014 San Antonio, TX

*20)* **Robert A. Keller MD**, Matt Steffes BA, David Zhou BA, Michael J Bey PhD, Vasilios Moutzouros MD

*The Effects of Ulnar Collateral Ligament Reconstruction on Major League Pitching Performance*

American Academy of Orthopaedic Surgeons Annual Meeting, March 11-14, 2014, New Orleans, LA

**\***Chosen for recognition at the Sports Medicine/Arthroscopy Guided Poster Tour

21) **Robert A. Keller MD**, Nathan E Marshall MD, Nima Mehran MD MS, Vasilios Moutzouros MD

*Genohumeral Adaptation in High Level High School Pitchers*

Michigan Orthopaedic Society Annual Scientific Meeting, June 21-23, 2013 Mackinac Island, MI

22) Colin P. McDonald, PhD, William K. Vasileff MD, Vasilios Moutzouros, MD, **Robert A. Keller MD**, Michael J Bey, PhD

*Dynamic In-Vivo Elbow Kinematics: Technique And Preliminary Findings*

Michigan Orthopaedic Society Annual Scientific Meeting, June 21-23, 2013 Mackinac Island, MI

*23)* **Robert A Keller BA**, William T Kent BA

*Vitamin D Levels in Vertebral Compression Fractures*

KCMS Research Day 2010, April 14, 2010, Kalamazoo, MI