



## Robert Keller, MD

### Bio

- Dr. Keller's experience in sports medicine has helped athletes from high school to professional. He has published and presented research in the fields of Tommy John surgery, ACL reconstruction, rotator cuff repair, and shoulder replacement surgery.

Head Team Physician for the Hickory Crawdads

**P: 828-322-5172**

### Patient Rating:

4.9 out of 5 Stars

### LOCATIONS

- Boone
- Hickory

### CLINICAL SPECIALTIES

- Hip
- Specialties
- Knee
- Sports Medicine
- Shoulder
- Sports Medicine

### Education

- **Washington University in St. Louis** - *Bachelor of Arts in Biology*
- **Michigan State University College of Human Medicine** - *Doctor of Medicine*
- **Henry Ford Hospital Orthopaedic Surgery** - *Residency, Orthopedic Surgery*
- **Kerlan-Jobe Orthopaedic Clinic** - *Orthopedic Sports Medicine Fellowship*

### Practice

- Specializes in Sports Medicine
- Specializes in all aspects of Shoulder and Elbow Surgery
- Specializes in Arthroscopic Knee Surgery: cartilage, ligament reconstruction, repair
- Specializes in Orthopedic Trauma Surgery

- Mid-America Orthopaedic Association (2016-present)
- American Academy of Orthopaedic Surgery (2011-present)
- Michigan Orthopaedic Society (2011-present)
- Detroit Academy of Orthopaedic Surgeons (2011-present)
- American Medical Association (2007- present)

**TEAM COVERAGE: *Professional and College:***

### **Hickory Crawdads (2022-present)**

- Head team physician
- Minor League Baseball team of the South Atlantic League and the High-A affiliate of the Texas Rangers

### **PGA Tour, Orthopaedic Consultant (North Carolina)**

- Presidents Cup | The International Team Competition September 2022 (Charlotte, NC)

### **PGA Tour, Orthopaedic Consultant (Michigan)**

- Rocket Mortgage Classic 2019 (Detroit, MI)
- Ally Challenge 2018, 2019 (Grand Blanc, MI)

### **Los Angeles Dodgers (2016-2017)**

- Assistant team physician

### **Los Angeles Rams Football (2016-2017)**

- Assistant team physician
- *\*NFL Combine physician participant 2017*

### **Los Angeles Kings Hockey (2016-2017)**

- Assistant team physician

### **Anaheim Ducks Hockey (2016-2017)**

- Assistant team physician

### **Los Angeles Sparks WNBA (2016-2017)**

- Assistant team physician

### **Rochester University**

- Medical Director/Head Team Physician (2017-2021)

### **Oakland Community College**

- Team Physician (2018-2020)

### **Oakland University**

- Team Physician (2017-2018)

### **University of Southern California Football (2016-2017)**

- Assistant team physician

### **Loyola Marymount University (2016-2017)**

- Assistant team physician (men's and women's soccer and basketball)

### **Fullerton College Men's Football (2016-2017)**

- Assistant team physician

### **West Los Angeles College Men's Football (2016-2017)**

- Assistant team physician

### **Wayne State University (2015-2016)**

- Men's Football, Baseball
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#### **In the News:**

- [Two Tommy John surgeries may be too much of a good thing for MLB pitchers](#)
- [Fastballs Can Lead to Tommy John Surgery, Study Finds](#)
- [Study shows connection between fastballs and Tommy John surgery](#)
- [Throwing fastballs—not curveballs—linked to Tommy John surgery](#)
- [Tyler Chatwood attempts return to Rockies' rotation after second Tommy John surgery](#)

## **Awards**

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#### **Clinical:**

- Winner of the 2016 Henry Ford Hospital Medical Alumni Association System-Wide Peter Coggan MD Outstanding Resident Teaching Award
- 2015 Selected as the Administrative Chief Resident

#### **Research:**

- 2019 T. David Sisk Research Award – Best paper submitted to the Sports Health
  - The Journal of Arthroscopy 2016 Resident/Fellow Research Award
  - 2016 American Orthopedic Associate (AOA) Annual Meeting- Top 10 Poster Award Winner
  - 2016 16th Annual Harold Frost Research Award- Best Original Research
  - 2016 13th Annual Henry Ford Medical Group Research Symposium- Best Clinical Research
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- 2015 15th Annual Harold Frost Research Award- Best Original Research
- 2015 Michigan Orthopedic Society Annual Meeting Poster Award Winner - Best Original Research

**Sports:**

- 2001-2005 Washington University in St. Louis Men's Basketball
- 2002 & 2003 UAA Conference Champion
- 2004-2005 Team Captain
- 2004-2005 Leading Scorer
- 2004 & 2005 All-Conference Team Member
- 2001 San Diego CIF 1st Team All-Academic Men's High School Basketball
- El Capitan High School Athletic Hall of Fame Inductee 2018

## Research

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### PUBLICATIONS/PRESENTATIONS

*Peer-Reviewed Manuscripts:*

1. Robert A Keller MD, Matt Steffes BA, David Zhou BA, Michael Bey PhD, Vasilios Moutzouros MD, The Effects of Ulnar Collateral Reconstruction on Major League Pitching Performance. J Shoulder Elbow Surg. 2014 Aug 30. pii: S1058-2746(14)00335-8. doi: 10.1016/j.jse.2014.06.033.
2. Robert A. Keller MD, Nathan E Marshall MD, Nima Mehran MD MS, Vasilios Moutzouros MD Pitching Speed and Glenohumeral Adaptation in High School Pitchers Orthopedics. 2015 Aug 1;38(8):e668-72. doi: 10.3928/01477447-20150804-52
3. Robert A. Keller MD, Nathan E Marshall MD, Michael J Bey PhD, Hafeez Ahmed MD, Courtney Scher DO, Marnix vanHolsbeeck MD, Vasilios Moutzouros MD Pre- and Post-Season Dynamic Ultrasound Evaluation of the Pitching Elbow Arthroscopy: The Journal of Arthroscopic and Related Surgery 31 (2015) pp. 1708-1715
4. Nathan E Marshall MD, Robert A. Keller MD, Jonathan Lynch MD, Michael J Bey PhD, Vasilios Moutzouros MD, Pitching Performance and Longevity After Revision Ulnar Collateral Ligament Reconstruction in Major League Pitchers. Am J Sports Med. May; 43(5):1051-6. DOI: 10.1177/0363546515579636.
5. Nathan E Marshall MD, Robert A. Keller MD, Marnix van Holsbeeck MD, Vasilios Moutzouros MD Ulnar Collateral Ligament and Elbow Adaptations in High School Baseball Pitchers Sports Health: A Multidisciplinary Approach published online before print September 2,

2015, DOI:10.1177/1941738115604577

6. Robert A. Keller MD, Nima Mehran MD MS, William Austin BA, Nathan E Marshall MD, Vasilios Moutzouros MD NFL Combine Performance after ACL Reconstruction Am J Sports Med: October 22, 2015  
DOI:10.1177/0363546515608482
7. 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 J Shoulder Elbow Surg. April 2016 Volume 25, Issue 4, Pages 671–675.  
DOI: 10.1016/j.jse.2015.12.027
8. 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 Orthopaedic Journal of Sports Medicine. May 2016 4: 2325967116648083, first published on May 25, 2016  
DOI:10.1177/2325967116648083
9. Kelechi Okoroha 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 Orthopedics. 2016 Jun 30:1-7.  
DOI: 10.3928/01477447-20160623-03.
10. Kelechi Okoroha MD, Jonathan Lynch MD, Robert A. Keller MD, Patricia Kolowich MD, Brian Rill MD, Stephanie Muh MD Liposomal Bupivacain vs Peripheral Nerve Block for Post-Total Shoulder Arthroplasty Pain Control: A Randomized, Control Trial Journal of Shoulder and Elbow Surgery. DOI

[Click here](#) for a complete list of presentations, book chapters, abstracts, poster and podium presentations