Kevin Karl Kruse II, MD

Shoulder and Upper Extremity Surgery
Texas Orthopaedic Associates
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CLINICAL APPOINTMENTS

2015-present **Orthopedic Surgeon, Shoulder and Upper Extremity**
Texas Orthopaedic Associates, Dallas, TX.

Private practice focused on rotator cuff repair, shoulder arthroplasty, labral repair, instability reconstruction, and complex revision shoulder surgery.

EDUCATION

5/2009 **Doctor of Medicine**
Indiana University School of Medicine, Indianapolis, IN

5/2005 **Bachelor of Arts**, Biology
Indiana University, Bloomington, IN

GRADUATE MEDICAL EDUCATION

8/2015-12/2015 **Clinical Fellow in Shoulder Surgery**
Clinique de l'Europe, Lyon, France
Fellowship Director: Dr. Gilles Walch

8/2014-7/2015 **Clinical Fellow in Hand and Upper Extremity Surgery**
University of Pittsburgh Medical Center, Pittsburgh, PA

7/2009-6/2014 **Resident, Department of Orthopedic Surgery**
Greenville Health System University Medical Center, Greenville, SC

CERTIFICATIONS

2018 American Board of Orthopedic Surgery

LICENSURE

2015-present License, Texas Medical: Q5687
2014-2015 License, Pennsylvania Medical: MT207273
2011-2017 License, South Carolina: 31718

NPI # 1508094137
DEA # Upon request

AWARDS, HONORS, DISTINCTIONS

2018-2024	Best Doctors, D Magazine, Dallas, TX
2013	Resident Leader, American Orthopedic Association
2012	Second Place, Resident Research Competition, South Carolina Orthopedic Association
2009	Top 20% of graduating class, Indiana University School of Medicine
2007	Hazel and Tommy Thompson Cardiac Research Scholarship, Indiana University School of Medicine
2003, 2004	Academic All-Big Ten, Varsity Football, Indiana University

PROFESSIONAL SOCIETY MEMBERSHIPS

2025-present	*Fellow*, American Academy of Orthopedic Surgeons
2019-present	*Member*, Arthroscopy Association of North America
2018-present	*Member*, American Shoulder and Elbow Surgeons Society
2017-present	*Member*, American Society for Surgery of the Hand

PATENTS

2025 (filed date)	**Kruse, KK**, Binder, L. "Mon Anchor Linking Methods and Materials." US2025/0186037. *June 12, 2025*.
2023	**Kruse, KK**, Binder, L. "Suture Button." USD1089970S. *August 26, 2025*.
2023	**Kruse, KK**, Binder, L. "Suture Button." USD1054559S. *December 17, 2024*.
2021	**Kruse, KK**, Binder, L. "Thread Clip." USD1102137S. *November 18, 2025*.
2020	**Kruse, KK**, Binder, L. "Suture tensioning and securement device, system, and methods." US011311284B2. *April 26, 2022*.

RESEARCH EXPERIENCE

2025-present	**Outcomes of Rotator Cuff Repair with Speedpatch Augmentation and Early Sling Discontinuation** Texas Orthopaedic Associates, Dallas, TX Investigators: Kevin Kruse. Collaborator: Patrick J. Denard, MD In progress
2024-present	**Outcomes of Shoulder Arthroplasty Stratified by Humeral Component Stem Length** Texas Orthopaedic Associates, Dallas, TX Investigators: Kevin Kruse, MD. Collaborator: Patrick J. Denard, MD In progress

2013 **Steadman Hawkins Clinic of the Carolinas**, Greenville, SC
"All-Inside Arthroscopic Biceps Tenodesis Using the KFx Anchor System"
Description of a novel all-inside arthroscopic tenodesis technique.
Collaborator: Michael J. Kissenberth, MD

2011 **Steadman Hawkins Clinic of the Carolinas**, Greenville, SC
"Ultrasound Diagnosis of Full-Thickness Rotator Cuff Tears by Surgeons in Training"
Compared the diagnostic accuracy of sports medicine fellows and orthopaedic surgery residents with no prior musculoskeletal ultrasound experience, following a concentrated training program, against published benchmarks.
Collaborators: Richard J. Hawkins, MD; Michael J. Kissenberth, MD; Grant Bennett, MD; Christopher Baker, MD

2008 **Shelbourne Knee Clinic, Methodist Hospital**, Indianapolis, IN
"Mechanism of Non-Contact Anterior Cruciate Ligament Injury"
Literature review in support of a proposed mechanism for non-contact ACL injuries.
Collaborator: K. Donald Shelbourne, MD

2008 **Indiana University Department of Orthopedic Surgery**, Indianapolis, IN
"CT Assessment of Ankle Syndesmotic Reduction"
Assessed post-operative syndesmotic reduction using CT criteria and correlated findings with functional and subjective outcomes.
Collaborator: Brian H. Mullis, MD

2006 **Indiana University Department of Orthopedic Surgery**, Indianapolis, IN
"Chondrocyte Adhesion to Enzymatically Treated Articular Cartilage"
Cartilage regeneration study evaluating chondrocyte adhesion to bovine articular cartilage surfaces following enzymatic treatment.
Collaborator: Stephen B. Trippel, MD

SCHOLARLY BIBLIOGRAPHY

Original, peer-reviewed research articles

1. Fowler JR, Hirsch D, **Kruse K**: "The Reliability of Ultrasound Measurements of the Median Nerve at the Carpal Tunnel Inlet." *J Hand Surg Am.* 2015 Oct;40(10):1992-5.

2. **Kruse KK**, Papatheodorou LK, Weiser RW, Sotereanos DG: "Release of the Stiff Elbow with Mini-Open Technique." *J Shoulder Elbow Surg.* 2016 Mar;25(3):355-61.

3. Bercik MJ, **Kruse K 2nd**, Yalizis M, Gauci MO, Chaoui J, Walch G: "A Modification to the Walch Classification of the Glenoid in Primary Glenohumeral Osteoarthritis Using Three-Dimensional Imaging." *J Shoulder Elbow Surg.* 2016 Oct;25(10):1601-6.

4. Wang WL, **Kruse K**, Fowler JR: "A Survey of the Use of Ultrasound by Upper Extremity Surgeons." *Hand (N Y).* 2017 Jan;12(1):31-38.

5. **Kruse KK**, Dilisio MF, Wang WL, Schmidt CC: "Do We Really Need to Order Magnetic Resonance Imaging? Shoulder Surgeon Ultrasound Practice Patterns and Beliefs." *JSES Open Access.* 2019 Jul;3(2):93-98.

6. Cox JL, Laughlin MS, Elkousy HA, Baker HM, Badman BL, Ziegler DW, Buford DA, **Kruse KK**: "Determination of Rotator Cuff Tear Reparability: An Ultrasound-Based Investigation." *JSES Int.* 2023 Jan;7(1):21-24. (senior author)

7. Stokes L, Polam V, Gosselin M, Nahr A, **Kruse K**, Denard PJ: "The Stryker Perform and Univers Apex Short Stems Have Different Patterns of Stress Shielding but Comparably Low Rates of Loosening After Reverse Total Shoulder Arthroplasty." *J Shoulder Elb Arthroplast.* 2026 Dec;10(4):100091.

Collaborative publications (group authorship)

Multicenter trial publications credited to the investigator group in which Dr. Kruse is listed.

1. FLOW Investigators; Bhandari M, Jeray KJ, Petrisor BA, et al.: "A Trial of Wound Irrigation in the Initial Management of Open Fracture Wounds." *N Engl J Med.* 2015 Dec 31;373(27):2629-41.

2. FAITH Investigators: "Fracture Fixation in the Operative Management of Hip Fractures (FAITH): An International, Multicentre, Randomised Controlled Trial." *Lancet.* 2017 Apr 15;389(10078):1519-27.

3. Sprague S, Petrisor B, Jeray K, et al.; FLOW Investigators: "Wound Irrigation Does Not Affect Health-Related Quality of Life After Open Fractures: Results of a Randomized Controlled Trial." *Bone Joint J.* 2018 Jan;100-B(1):88-94.

4. Sprague S, Bhandari M, Heetveld MJ, et al.; FAITH Investigators: "Factors Associated with Health-Related Quality of Life, Hip Function, and Health Utility After Operative Management of Femoral Neck Fractures." *Bone Joint J.* 2018 Mar;100-B(3):361-9.

5. Sprague S, Tornetta P 3rd, Slobogean GP, et al.; FLOW Investigators: "Are Large Clinical Trials in Orthopaedic Trauma Justified?" *BMC Musculoskelet Disord.* 2018 Apr 20;19(1):124.

6. Sprague S, Schemitsch EH, Swiontkowski M, et al.; FAITH Investigators: "Factors Associated with Revision Surgery After Internal Fixation of Hip Fractures." *J Orthop Trauma.* 2018 May;32(5):223-30.

7. Blankstein M, Schemitsch EH, Bzovsky S, et al.; FAITH Investigators; HEALTH Investigators: "The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations?" *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S1-S8.

8. Afaq S, O'Hara NN, Schemitsch EH, et al.; FAITH Investigators; HEALTH Investigators: "Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study." *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S9-S14.

9. Sivaratnam S, Comeau-Gauthier M, Sprague S, et al.; FAITH Investigators; HEALTH Investigators: "Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials." *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S22-S28.

10. Würdemann FS, Poolman RW, Krijnen P, et al.; Dutch Hip Fracture Audit Group and FAITH Investigators: "Clockwise Torque of Sliding Hip Screws: Is There a Right Side?" *J Orthop Trauma.* 2020 Nov;34 Suppl 3:S76-S80.

11. Natoli RM, Marchand LS, Bzovsky S, et al.; FLOW Investigators; PREP-IT Investigators: "Infection and Nonunion Rates in Open Fractures: Description of 6,042 Fractures from the FLOW and PREP-IT Trials." *J Bone Joint Surg Am.* 2025 Nov 19;107(22):2541-53.

12. Bzovsky S, O'Hara NN, Slobogean GP, et al.; FAITH Investigators: "Revisiting the FAITH Trial: A Secondary Analysis Yielding Novel Insights with the Win Ratio." *JB JS Open Access.* 2025 Oct-Dec;10(4):e25.00230.

Reviews, Chapters, Books

1. **Kruse K**, Fowler JR: "Scapholunate Advanced Collapse: Motion-Sparing Reconstructive Options." *Orthop Clin North Am.* 2016 Jan;47(1):227-33.

2. **Kruse K**: "Shoulder Examination and Ultrasound Guided Shoulder Injections." In Fowler J Jr, Rawool NM, Eds.: *Ultrasound of the Hand and Upper Extremity.* New York: Thieme, 2018:123-37.

3. **Kruse K**: "A Review on Ultrasound of the Shoulder." In Boileau P, Ed.: *Shoulder Concepts.* Thieme, 2018.

4. **Kruse K**: *Dr. Hustle: 9 Core Principles to Help You Build a Thriving Practice in Today's Competitive, Constantly Changing Healthcare Market.* 2020.

Surgical Technique Articles

1. **Kruse K 2nd**, Yalizis M, Neyton L: "Arthroscopic Distal Clavical Resection Using "Vis-à-Vis" Portal." *Arthrosc Tech.* 2016 Jun;5(3):e667-70.

2. Neyton L, Daggett M, **Kruse K**, Walch G: "The Hidden Lesion of the Subscapularis: Arthroscopically Revisited." *Arthrosc Tech.* 2016 Aug;5(4):e877-e881.

3. Yalizis M, **Kruse K 2nd**, Godèneche A: "Arthroscopic "Panorama" View of the Subacromial Space via Deltoid Fascia Release." *Arthrosc Tech.* 2016 Aug;5(4):e935-e939.

4. Callegari JJ, Phillips CJ, Lee TQ, **Kruse K**, Denard PJ: "Semitendinosus Allograft Cable Reconstruction Technique for Massive Irreparable Rotator Cuff Tears." *Arthrosc Tech.* 2022 Feb;11(2):e153-e161.

5. Loftis CM, **Kruse K**: "Single Medial-Row Anchor with Biceps Tenodesis in a Transosseous Double-Row Construct for Massive Rotator Cuff Tear." *Arthrosc Tech.* 2022 Aug;11(8):e1447-e1452. (senior author)

Other Publications

1. Komatsu I, Sela Y, **Kruse K**, Schmidt CC, Baratz ME, Wang JH-C: "Novel Approach to Treat Rotator Cuff Tear Using Tendon-Derived Stem Cell (TSC) Sheet." *Pittsburgh Orthop J.* 2015;26.

Presentations

1. **Kruse KK**, Bennett GW, Baker C, Hawkins RJ, Kissenberth MJ: "Orthopedic Surgeons in Training Can Quickly Learn to Diagnose Full Thickness Rotator Cuff Tears Using Ultrasonography." South Carolina Orthopedic Association Annual Meeting, Kiawah Island, SC, August 2012.

2. **Kruse KK**, Kissenberth MJ: "All-Inside Arthroscopic Biceps Tenodesis Technique." South Carolina Orthopedic Association Annual Meeting, Kiawah Island, SC, August 2013.

3. **Kruse KK**: "Reverse Total Shoulder Arthroplasty." Grand Rounds. Department of Orthopedics, Greenville Health System, Greenville, SC, December 2013.

4. **Kruse KK**: "Injury Trends in Youth Baseball vs. Major League Baseball." Invited Lecture. Dallas Fort Worth Sports Medicine Symposium, Southlake, TX, March 2016.

5. **Kruse KK**: "Superior Capsule Reconstruction." Invited Lecture. Arthrex Shoulder Ultrasound and Arthroscopy Course, Grapevine, TX, August 2016.
6. **Kruse KK**: "Benefits of Shoulder Ultrasound over MRI." Invited Lecture. Arthrex Shoulder Ultrasound and Arthroscopy Course, Grapevine, TX, August 2016.
7. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. American Society for Surgery of the Hand Annual Meeting, Austin, TX, October 2016.
8. **Kruse KK**: "Upper Extremity Injuries in Athletes." Invited Lecture. Dallas Fort Worth Sports Medicine Symposium, Southlake, TX, March 2017.
9. **Kruse KK**: "Superior Capsule Reconstruction." Invited Lecture. Arthrex Shoulder Ultrasound and Arthroscopy Course, Grapevine, TX, July 2017.
10. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. Arthrex MSK Ultrasound Course, Naples, FL, August 2017.
11. **Kruse KK**: "Benefits of Shoulder Ultrasound over MRI." Invited Lecture. Arthrex Shoulder Ultrasound and Arthroscopy Course, Grapevine, TX, August 2017.
12. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. ASSH Upper Extremity Ultrasound Course, San Francisco, CA, September 2017.
13. **Kruse KK**: "Ultrasound of the Elbow." Invited Lecture. Arthrex MSK Ultrasound Course, Naples, FL, September 2017.
14. **Kruse KK**: "Biologics in Orthopedics." Invited Lecture. Innovative Techniques Course, Las Vegas, NV, October 2017.
15. **Kruse KK**: "Ultrasound of the Upper Extremity." Invited Lecture. Arthrex Hand, Wrist, and Elbow Symposium, Naples, FL, December 2017.
16. **Kruse KK**: "Ultrasound of the Elbow." Invited Lecture. Arthrex MSK Ultrasound Course, Naples, FL, December 2017.
17. **Kruse KK**: "Principles of Needle Guidance in Ultrasound." Invited Lecture. Arthrex MSK Ultrasound Course, Naples, FL, February 2018.
18. **Kruse KK**: "Ultrasound of the Shoulder"; "Billing in Ultrasound"; "Principles of Ultrasound." Invited Lecture. Arthrex MSK Ultrasound Course, Little Rock, AR, March 2018.
19. **Kruse KK**: "Elbow Injury Prevention in Youth Baseball." Invited Lecture. Dallas Fort Worth Sports Medicine Symposium, Southlake, TX, March 2018.
20. **Kruse KK**: "Management of Shoulder Instability with Bone Loss." Invited Lecture. Dallas Fort Worth Sports Medicine Symposium, Southlake, TX, March 2018.
21. **Kruse KK**: "Elbow Instability." Invited Lecture. Ben Hogan Sports Medicine Meeting, March 2018.
22. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. Nice Shoulder Course, Nice, France, June 2018.
23. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. ASSH Upper Extremity Ultrasound Course, Boston, MA, September 2018.

24. **Kruse KK**: "Ultrasound of the Massive Rotator Cuff Tear." Instructional Course Lecture. American Shoulder and Elbow Surgeons Closed Meeting, Chicago, IL, October 2018.

25. **Kruse KK**: "Ultrasound of the Massive Rotator Cuff Tear." Invited Lecture. Paris International Shoulder Course, Paris, France, February 2019.

26. **Kruse KK**: "Examination of the Throwing Shoulder." Invited Lecture. Dallas Fort Worth Sports Medicine Symposium, Southlake, TX, March 2019.

27. **Kruse KK**: "Why I Nail Proximal Humerus Fractures." Invited Lecture. Wright Medical Fellows Course, Las Vegas, NV, April 2019.

28. **Kruse KK**: "First Year in Practice." Invited Lecture. Wright Medical Fellows Course, Las Vegas, NV, April 2019.

29. **Kruse KK**: "Blueprint Planning." Invited Lecture. Wright Medical Fellows Course, Las Vegas, NV, April 2019.

30. **Kruse KK**: "Differences in Preoperative Planning for Shoulder Arthroplasty." Invited Lecture. Arthrex Futures Forum, Naples, FL, June 2019.

31. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. ASSH Upper Extremity Ultrasound Course, Las Vegas, NV, September 2019.

32. **Kruse KK**: "Ultrasound of the Shoulder." Invited Lecture. American Association for Hand Surgery Upper Extremity Ultrasound Course, Fort Lauderdale, FL, January 2020.

33. **Kruse KK**: "Revision Shoulder Arthroplasty." Invited Lecture. Arthrex Revision Shoulder Arthroplasty Course, Naples, FL, February 2021.

34. **Kruse KK**: "Ultrasound Integration into Orthopedic Practice." Webinar. American Academy of Orthopaedic Surgeons, March 2021.

35. **Kruse KK**: "Ultrasound Integration into Orthopedic Practice." Invited Lecture. 24th National Congress of the Italian Orthopaedic Research Society, Rome, Italy, June 2024.

Instructional Courses Taught

1. Las Vegas Musculoskeletal Ultrasound Course. Las Vegas, NV. January 2015.
2. Dallas Fort Worth Sports Medicine Symposium. Southlake, TX. March 2016.
3. Arthrex Shoulder Ultrasound/Arthroscopy Course. Grapevine, TX. August 2016.
4. Upper Extremity Ultrasound Course, American Society for Surgery of the Hand Annual Meeting. Austin, TX. October 2016.
5. Arthrex MSK Ultrasound Course. Naples, FL. April 2018.
6. Arthrex MSK Ultrasound Course. Naples, FL. May 2018.
7. Ultrasound Workshop, Nice Shoulder Course. Nice, France. June 2018.
8. ASSH Upper Extremity Ultrasound Course. Boston, MA. September 2018.
9. Arthrex Shoulder Ultrasound/Arthroscopy Course. Grapevine, TX. October 2018.
10. Ultrasound of the Shoulder Instructional Course Lecture, American Shoulder and Elbow Surgeons Closed Meeting. Chicago, IL. October 2018.

11. Ultrasound Workshop, Paris International Shoulder Course. Paris, France. February 2019.
12. Dallas Fort Worth Sports Medicine Symposium. Southlake, TX. March 2019.
13. Arthrex Closed Shoulder Meeting. Naples, FL. April 2019.
14. Wright Medical Fellows Course. Las Vegas, NV. April 2019.
15. Arthrex Futures Forum. Naples, FL. May 2019.
16. ASSH Upper Extremity Ultrasound Course. Las Vegas, NV. September 2019.
17. Ultrasound of the Upper Extremity Course, American Association for Hand Surgery Annual Meeting. Fort Lauderdale, FL. January 2020.