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Orthopaedic surgeon double fellowship trained in the shoulder, elbow, and hand. Active clinical practice with over 800 surgeries per year. Significant teaching, and national/international lecturing experience. Consults for medical device companies on product development and has been issued patents on several medical devices. Former Division one college football linebacker.

**Professional Experience:** Texas Orthopaedic Associates 2015-present. Private Practice Orthopaedic surgeon focusing sole on upper extremity.

**Education:**

08/2005 – 05/2009	Doctor of Medicine Indiana University School of Medicine Indianapolis, IN
08/2001 – 05/2005	Bachelor of Arts, Biology Indiana University Bloomington, IN

**Post Graduate Education:**

08/2015-12/2015	Shoulder Fellowship with Gilles Walch, M.D. Clinique de l'Europe Lyon, France
08/2014-07/2015	Hand/Upper Extremity Fellowship University of Pittsburgh Medical Center Pittsburgh, PA

07/2009–06/2014                      Orthopaedic Surgery Internship/Residency  
Greenville Health System University Medical Center  
Greenville, SC

**Licensure and Certification:**

2018                                      Passed ABOS Part II, Board Certified in Orthopaedics  
2015                                      Texas Medical License  
2014                                      Passed ABOS Part I  
2011                                      South Carolina Medical License

**Honors/Awards/Professional Societies:**

Professional Societies:

American Shoulder and Elbow Surgeons Society  
Arthroscopy Association of North America  
American Society for Surgery of the Hand  
American Academy of Orthopaedic Surgeons  
American Board of Orthopaedic Surgery

Awards in Practice:

D Magazine Best doctor 2018,2019,2020, 2021,2022,2023.

Residency Awards:

American Orthopaedic Association Resident Leader 2013,  
Second place, South Carolina Orthopaedic Association Resident  
Research Competition 2012

Medical School Awards:

Hazel and Tommy Thompson Cardiac Research Scholarship,  
Graduated in top quintile of class

Undergraduate:

Academic All Big Ten 2003, 2004 (football),  
Dean's List for seven semesters

## Publications:

Jonathan J. Callegari, Cameron J. Phillips, Thay Q. Lee, Kevin Kruse, Patrick J. Denard, Semitendinosus Allograft Cable Reconstruction Technique for Massive Irreparable Rotator Cuff Tears, *Arthroscopy Techniques*, 2022.

[Do we really need to order magnetic resonance imaging? Shoulder surgeon ultrasound practice patterns and beliefs.](#) Kruse KK, Dilisio MF, Wang WL, Schmidt CC. *JSES Open Access*. 2019 Apr 26;3(2):93-98.

### The Hidden Lesion of the Subscapularis: Arthroscopically Revisited.

Neyton L, Daggett M, Kruse K, Walch G. *Arthrosc Tech*. 2016 Aug 15;5(4):e877-e881.

Arthroscopic "Panorama" view of the subacromial space via Deltoid Fascial Release. Yalozis M., Kruse K, Godeneche A., *Arthrosc Tech*. 2016 Aug 22;5(4):e935-e939. eCollection 2016

Arthroscopic Distal Clavicle Resection Utilizing the "Vis-a-Vis" Portal. Kruse K, Neyton L., Yalozis M., *Arthrosc Tech*. 2016 Jun 27;5(3):e667-70. doi: 10.1016/j.eats.2016.02.023.

A Modification to the Walch Classification of the the glenoid in Primary Glenohumeral Osteoarthritis Using 3D Imaging. Bercik M., Kruse K., Yalozis M., Olivier M., Walch G. *Shoulder Elbow Surg*. 2016 Oct;25(10):1601-6. doi:10.1016/j.jse.2016.03.010.

Release of the stiff elbow with mini-open technique. Kruse KK, Papatheodorou LK, Weiser RW, Sotereanos DG. *J Shoulder Elbow Surg*. 2016 Mar;25(3):355-61.

Scapholunate Advanced Collapse: Motion-Sparing Reconstructive Options. Kruse K, Fowler JR.

Orthop Clin North Am. 2016 Jan;47(1):227-33

I. Komatsu, Y. Sela, K. Kruse, C.C. Schmidt, M.E. Baratz, JH-C Wang. Novel Approach to Treat Rotator Cuff Tear Using Tendon Derived Stem Cell (TSCs) Sheet. The Pittsburgh Orthopedic Journal Volume 26, 2015

The Reliability of Ultrasound Measurements of the Median Nerve at the Carpal Tunnel Inlet.

Fowler JR, Hirsch D, Kruse K.  
J Hand Surg Am. 2015 Oct;40(10):1992-5.

The FLOW Investigators. A trial of wound irrigation in the initial management of open fracture wounds. N Engl J Med 2015;373:2629-41.

A survey of the use of ultrasound by upper extremity surgeons. Wang W., Kruse K., Fowler J. Hand (N Y). 2017 Jan;12(1):31-38. doi: 10.1177/1558944716646779. Epub 2016 Apr 27.

**Books:**

Market.”

Dr. Hustle “9 Core Principles to help build a Thriving Practice in Today’s Competitive Constantly Changing Healthcare

**Book Chapters:**

Kruse, Kevin. "Shoulder Examination and Ultrasound Guided Shoulder Injections." *Ultrasound of the Hand and Upper Extremity*. Ed. John Fowler Jr, Nandkumar M. Rawool. New York: Thieme, 2018. 123-137. Print.

P. Boileau, Shoulder Concepts, “A Review on Ultrasound of the Shoulder” Thieme, 2018.

**Research Experience:**

- 2013                      Steadman Hawkins Clinic of the Carolinas, Greenville, SC  
Collaborators: Michael Kissenberth, MD  
A description of a novel all inside arthroscopic tenodesis technique with the KFx anchor system.
- 2011                      Steadman Hawkins Clinic of the Carolinas, Greenville, SC  
Collaborators: Richard Hawkins, MD; Michael Kissenberth, MD; Grant Bennett, MD; Christopher Baker, MD  
To examine the comparative diagnostic accuracy of orthopaedic sports medicine fellows and orthopaedic surgery residents (after a concentrated training program and with no prior experience in musculoskeletal ultrasound) to diagnose full thickness rotator cuff tears using ultrasound imaging alone, with accuracy equal to that in the published literature.
- 2008                      Shelbourne Knee Clinic Methodist Hospital, Indianapolis, IN  
Collaborator: K. Donald Shelbourne, MD  
The research involved searching current literature to support a prior paper written by Dr. Shelbourne describing a proposed mechanism for non-contact ACL injuries.
- 2008                      IU Department of Orthopaedics, Indianapolis, IN  
Collaborator: Brian H. Mullis, MD  
Injuries to the ankle syndesmosis typically require surgical intervention. The anatomic reduction is checked post op with traditional radiographs. This is the first investigation to assess syndesmotomic reduction with the more reliable CT criteria and to correlate this data with functional and subjective outcomes. This data will provide a foundation for future investigations to improve reduction and fixation of this complex injury.
- 2006                      IU Department of Orthopaedics, Indianapolis, IN  
Collaborator: Stephen Trippel, MD  
The research was based on cartilage regeneration. Chondrocytes were extracted from bovine cartilage. They were then grown on disks of bovine articular cartilage that had been treated with various enzymes. The goal was to disrupt that surface of the inherently slick articular cartilage enough to allow for the adhesion of the chondrocytes.

**Presentations:**

**Kruse KK.** AAOS Webinar on the Ultrasound Integration into Orthopaedic Practice. Mar 2021

**Kruse KK.** Revision Shoulder Arthroplasty. Arthrex Revision Shoulder Arthroplasty course. Naples, FL. Feb 2021

**Kruse KK.** Ultrasound of the Shoulder. AAHS Upper Extremity Ultrasound Course. Las Vegas, NV. Jan, 2020

**Kruse KK.** Ultrasound of the Shoulder. ASSH Upper Extremity Ultrasound Course. Las Vegas, NV. Sept, 2019

**Kruse KK.** Difference is Pre op Planning for shoulder arthroplasty, Arthrex Futures Forum. Naples, FL June 1<sup>st</sup>, 2019.

**Kruse KK.** Why I nail Proximal Humerus Fractures. Wright Medical Fellows Course. Las Vegas, NV. April 13<sup>th</sup>, 2019

**Kruse KK.** First Year in Practice. Wright Medical Fellows Course. Las Vegas, NV. April 13<sup>th</sup>, 2019.

**Kruse KK.** Blue Print Planning. Wright Medical Fellows Course. Las Vegas, NV. April 13<sup>th</sup>, 2019.

**Kruse KK.** Examination of the Throwing Shoulder, DFW Sports Medicine Symposium Mar 2019

**Kruse, KK.** Ultrasound of the Massive Rotator Cuff tear. Paris Shoulder Course. Paris, FR. Feb 2019.

**Kruse KK.** Ultrasound of the Massive Rotator Cuff tear. ASES closed meeting ICL, Chicago, IL. Oct, 2018

**Kruse KK.** Ultrasound of the Shoulder. ASSH Upper Extremity Ultrasound Course. Boston, MA. Sept, 2018

**Kruse KK.** Ultrasound of the Shoulder, Nice Shoulder Course, Nice, FR June 2018

**Kruse KK.** Elbow Instability, Ben Hogan Sports Medicine Meeting Mar 2018

**Kruse KK.** Elbow Injury prevention in Youth Baseball, DFW Sports Medicine Symposium Mar 2018

**Kruse KK.** Elbow Injury prevention in Youth Baseball, DFW Sports Medicine Symposium Mar 2018

**Kruse KK.** Management of Shoulder Instability with Bone Loss. Dallas Fort Worth Sports Medicine Symposium. Southlake, TX. March 23-25, 2018.

**Kruse KK.** Ultrasound of the shoulder, Billing in Ultrasound, Principles of ultrasound. Arthrex MSK ultrasound Course. Little Rock, AR Mar 2<sup>nd</sup>, 2018.

**Kruse KK.** Principles of needle Guidance in Ultrasound. Athrex MSK ultrasound Course. Naples, FL, Feb 12<sup>th</sup>, 2018.

**Kruse KK.** Ultrasound of the upper extremity. Arthrex Hand, Wrist, and Elbow symposium. Naples, FL Dec 8th 2017.

**Kruse KK.** Ultrasound of the elbow. Arthrex MSK ultrasound course. Naples, FL Dec 8th 2017.

**Kruse KK.** Biologics in Orthopaedics. Innovative Techniques Course. Las Vegas, NV, Oct 14, 2017.

**Kruse KK.** Ultrasound of the elbow. Arthrex MSK ultrasound course. Naples, FL Sept 29th 2017.

**Kruse KK.** Ultrasound of the Shoulder. ASSH Upper Extremity Ultrasound Course. San Francisco, CA Sept 6, 2017.

**Kruse KK.** Ultrasound of the Shoulder. Arthrex MSK ultrasound course. Naples, FL Aug 11, 2017.

**Kruse KK.** Superior Capsule Reconstruction. Arthrex shoulder ultrasound and arthroscopy course. Grapevine, TX July 28, 2017.

**Kruse KK.** Benefits of Shoulder Ultrasound over MRI. Arthrex shoulder ultrasound and arthroscopy course. Grapevine, TX August 28, 2017.

**Kruse KK.** Upper Extremity Injuries in Athletes. Dallas Fort Worth Sports Medicine Symposium. Southlake, TX. March 21-23, 2017.

**Kruse KK.** Ultrasound of the Shoulder. ASSH annual meeting. Austin, TX. Oct 28<sup>th</sup>, 2016.

**Kruse KK.** Superior Capsule Reconstruction. Arthrex shoulder ultrasound and arthroscopy course. Grapevine, TX August 18<sup>th</sup>, 2016.

**Kruse KK.** Benefits of Shoulder Ultrasound over MRI. Arthrex shoulder ultrasound and arthroscopy course. Grapevine, TX August 18<sup>th</sup>, 2016.

**Kruse KK.** Injury Trends in Youth Baseball vs Major League Baseball. Dallas Fort Worth Sports Medicine Symposium. Southlake, TX. March 18-20, 2016.

**Kruse KK.** Reverse Total Shoulder Arthroplasty. Grand Rounds Presentation  
Greenville Health System Department of Orthopaedics. December 2, 2013.

**Kruse KK,** Kissenberth MJ. All inside arthroscopic biceps tenodesis technique. South Carolina  
Orthopaedic Association Annual Meeting. Kiawah Island, South Carolina. August 1-4, 2013.

**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 Orthopaedic Association Annual Meeting. Kiawah Island,  
South Carolina. August 2-5, 2012.

**Course Faculty:**

Jan 2020	Ultrasound of the Upper Extremity Course, AAHS annual meeting Ft. Lauderdale, FL
Sept 2019	ASSH Upper Extremity Ultrasound Course Las, Vegas NV
May 2019	Arthrex Futures Forum Naples, FL
April 2019	Wright Medical Fellows Course Las Vegas, NV
April 2019	Arthrex Closed Shoulder Meeting Naples, FL
Mar 2019	Dallas Fort Worth Sports Medicine Symposium. Southlake, TX.
February 2019	Paris International Shoulder Course Ultrasound Workshop Paris, France
October 2018	Ultrasound of the Shoulder ICL, ASES Closed Meeting Chicago, IL
October 2018	Arthrex Shoulder Ultrasound/Arthroscopy Course. Grapevine, TX
Sept 2018	ASSH Upper Extremity Ultrasound Course Boston, MA
June 2018	Nice Shoulder Course, Ultrasound Workshop Nice, France
May 2018	Arthrex MSK Ultrasound Course Naples, FL



April 2018	Arthrex MSK Ultrasound Course Naples, FL
March 2018	Dallas Fort Worth Sports Medicine Symposium. Southlake, TX.
March 2018	Arthrex MSK Ultrasound Course Little Rock, AR
February 2018	Arthrex MSK Ultrasound Course Naples, FL
December 2017	Arthrex MSK Ultrasound Course Naples, FL
October 2017	Innovative Techniques Ultrasound and Biologics Course Las Vegas, NV
September 2017	Arthrex MSK Ultrasound Course Naples, FL
September 2017	ASSH Upper Extremity Ultrasound Course San Francisco, CA
August 2017	Arthrex MSK Ultrasound Course Naples, FL
July 2017	Arthrex Shoulder Ultrasound/Arthroscopy Course. Grapevine, TX
March 2017	Dallas Fort Worth Sports Medicine Symposium. Southlake, TX.
October 2016	ASSH annual meeting Upper Extremity Ultrasound Course. Austin, TX.
August 2016	Arthrex Shoulder Ultrasound/Arthroscopy Course. Grapevine, TX
March 2016	Dallas Fort Worth Sports Medicine Symposium. Southlake, TX.
January 2015	Las Vegas Musculoskeletal Ultrasound Course. Las Vegas, NV

