

Clayton W. Nuelle, M.D.
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EDUCATION

Fellowship	Sports Medicine, University of Missouri Hospital and Clinics Department of Orthopaedic Surgery Columbia, MO	2014-2015
Residency	Orthopaedic Surgery, University of Missouri Hospital and Clinics Department of Orthopaedic Surgery Columbia, MO	2009-2014
MD	Loyola University Chicago-Stritch School of Medicine Maywood, IL	2005-2009
BS	University of Notre Dame Notre Dame, IN Major: Science Pre-professional Studies Minor: Anthropology	2001-2005

MEDICAL LICENSURE

Texas #R2933	2017-Present
Missouri #2013044289	2009-Present

BOARD CERTIFICATION

United States Medical Licensing Exam, Step 1: Passed	08/2007
United States Medical Licensing Exam, Step 2: Passed	01/2009
United States Medical Licensing Exam, CS: Passed	04/2009
American Board of Orthopaedic Surgery, Part I: Passed	09/2014
American Board of Orthopaedic Surgery, Part II: Passed	07/2017

APPOINTMENTS

Assistant Professor, Orthopaedic Surgery Division of Sports Medicine University of Missouri-Columbia Columbia, MO	06/21-Present
Associate Editor, Arthroscopy Techniques, Arthroscopy Journal Arthroscopy- The Journal of Arthroscopic and Related Surgery	01/20-Present
Chief, Division of Orthopaedics Resolute Health Hospital New Braunfels, TX	01/21-05/21
Assistant Clinical Professor, Orthopaedic Surgery Division of Sports Medicine Baylor University College of Medicine Houston, TX	07/19-05/21
Vice Chair, Department of Surgery Resolute Health Hospital New Braunfels, TX	01/19-05/21
The San Antonio Orthopaedic Group (TSAOG) Partner San Antonio, Texas	08/17-05/21
Assistant Clinical Professor, Orthopaedic Surgery Division of Sports Medicine	08/15-07/17

University of Missouri-Columbia
Columbia, MO

CURRENT HOSPITAL AFFILIATIONS

University of Missouri Hospital and Clinics , Columbia, Missouri	06/21-Present
Missouri Orthopaedic Institute , Columbia, Missouri	06/21-Present
Women's & Children's Hospital , Columbia, Missouri	06/21-Present
Harry S. Truman VA Medical Center , Columbia, Missouri	06/21-Present

PREVIOUS HOSPITAL AFFILIATIONS

The Orthopaedic Institute , San Antonio, Texas	09/17-05/21
Resolute Health Hospital , New Braunfels, Texas	09/17-05/21
Christus Santa Rosa Medical Center , San Antonio, Texas	09/17-05/21
Baptist Health System , San Antonio, Texas	09/17-05/21
Methodist Health System , San Antonio, Texas	09/17-05/21
Methodist Stone Oak Hospital , San Antonio, Texas	09/17-05/21
University of Missouri Hospital and Clinics , Columbia, Missouri	07/09-07/17
Missouri Orthopaedic Institute , Columbia, Missouri	06/10-07/17
Women's & Children's Hospital , Columbia, Missouri	07/09-07/17
Harry S. Truman VA Medical Center , Columbia, Missouri	07/09-07/17
Capital Region Medical Center , Jefferson City, Missouri	07/09-07/17

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Orthopaedic Surgeons (AAOS)-diplomate member	2009-Present
American Orthopaedic Society for Sports Medicine (AOSSM)-member	2014-Present
Arthroscopy Association of North America (AANA)-member	2013-Present
Mid-America Orthopaedic Association-member	2017-2020
Texas Medical Association-member	2017-2021
Bexar County Medical Society-member	2017-2021
Missouri State Orthopaedic Association-member	2009-Present
Notre Dame Orthopaedic Society-member	2013-Present
American Medical Association-member	2005-2010
Chicago Medical Association-member	2005-2009
Alpha Epsilon Delta Medical Honor Society-inductee	2005

COMMITTEES and SERVICE

American Academy of Orthopaedic Surgeons (AAOS) Social Media Ambassadors	2021-Present
▪ Member At-Large	
Council of Delegates (Texas)-American Orthopaedic Society for Sports Medicine (AOSSM)	2020-Present
▪ Serve on committee to help strategize and communicate events for AOSSM members	
Education Committee-Arthroscopy Association of North America (AANA)	2019-Present
▪ Serve on committee to help strategize and plan educational events/meetings for AANA	
Communications and Technology Committee-Arthroscopy Association of North America (AANA)	2019-Present
▪ Serve on committee to further technology for AANA	
Editorial Board Member-Arthroscopy: The Journal of Arthroscopic and Related Surgery	2018-Present
▪ Serve on editorial board for the journal	
Journal of Knee Surgery-Reviewer	2015-Present
▪ Review original manuscripts submitted for publication to the journal	
Arthroscopy: The Journal of Arthroscopic and Related Surgery- Reviewer	2014-Present
▪ Review original manuscripts submitted for publication to the journal	
Social Media Board Member-Arthroscopy: The Journal of Arthroscopic and Related Research	2018-Present
▪ Record and manage podcasts/twitter/social media for the Arthroscopy Journal	
Arthroscopy Association of North America: Social Media Task Force	2017-Present
▪ Help manage social media accounts for AANA	
University of Incarnate Word School of Medicine (UIWSOM)-Preceptor/Advisor	2020-2021
▪ Clinical advisor to medical students	
Peer Review Committee-TSAOG Orthopaedics	2019-2021
▪ Peer review of patient outcome measures and patient events for the group	
Surgical Council-Resolute Health Hospital	2017-2021
▪ Planning of OR scheduling, block time, OR utilization, Implant requests/purchasing	
Quality Improvement Committee-Resolute Health Hospital	2017-2021
▪ Peer review of patient outcome measures and patient events for Orthopaedic service line	

Residency Educational Committee-University of Missouri	2016-2019
▪ Facilitate communications between Orthopaedic residency alumni network	
Surgical Service Line Review Committee-Capital Region Medical Center	2015-2017
▪ Planning of OR scheduling, block time, OR utilization and call schedules	
Quality Improvement Committee-Capital Region Medical Center	2016-2017
▪ Peer review of patient outcome measures and patient events for Orthopaedic service line	
Product Improvement and Purchasing Committee-Capital Region Medical Center	2016-2017
▪ Worked with OR staff and hospital to approve and purchase new OR and hospital equipment and materials	
A.T. Still University-Medical student advisor	2016-2017
▪ Clinical advisor to medical students in first year of training	
University of Missouri-Medical student advisor	2016-2017
▪ Clinical advisor to medical students in third year of training	
University of Missouri-Athletic training student educator	2015-2017
▪ Clinical educator for students in the athletic training program	

TEAM COVERAGE EXPERIENCE

University of Missouri, Columbia, MO	2021-Present
▪ Team physician	
San Antonio Missions (AAA affiliate for the Milwaukee Brewers), San Antonio, TX	2019-2021
▪ Team physician: training room and game coverage	
University of Missouri, Columbia, MO	2012-2016
▪ Varsity football assistant team physician: training camp, training room and game coverage	
▪ Mizzou athletic training room physician coverage	
▪ Fall and Spring sports team physicals	
Truman State University, Kirksville, MO	2014-2015
▪ Varsity football training camp, training room and game physician coverage	
Central Methodist University, Fulton, MO	2012-2015
▪ Fall and Spring sports team physicals	
Westminster University, Fulton, MO	2012-2014
▪ Fall sports team physicals	
Columbia College, Columbia, MO	2012-2015
▪ Fall and Spring sports team physicals	
William Woods University, Fulton, MO	2012-2014
▪ Fall sports team physicals	
Missouri Orthopaedic Institute, Columbia, MO	2015-2017
▪ Local high school sports physicals	
Capital Region Medical Center, Jefferson City, MO	2015-2017
▪ Local high school sports physicals	
Hickman High School, Columbia, MO	2011-2016
▪ Varsity football physician game coverage	
Jordanton High School, Jordanton, TX	2017-2018
▪ Varsity football physician game coverage	
Geneva High School, Boerne, TX	2017-2018
▪ Varsity football physician game coverage	
San Antonio Christian School (SACS), San Antonio, TX	2019-2021
▪ Team physician: Game and training room coverage	
St. Anthony's High, San Antonio, TX	2019-2021
▪ Team physician: Game and training room coverage	

HONORS, AWARDS AND GRANTS

Defense Health Agency Research Grant	2021
▪ Title: "Does the Addition of Bone Marrow Aspirate Concentrate to Osteochondral Allograft Improve Osseous Integration at the Transplant Site?"	
▪ Funding: \$200,000	
Texas Super Doctors Rising Stars	2021
▪ Awarded annually to top physicians, <i>Texas monthly</i> magazine	
Best S.A. Doctors 2020	2021
▪ Awarded annually to top physicians, as voted by peers, <i>San Antonio Scene Magazine</i>	
Texas Super Doctors Rising Stars	2020
▪ Awarded annually to top physicians, <i>Texas monthly</i> magazine	
Best S.A. Doctors 2020	2020

<ul style="list-style-type: none"> ▪ Awarded annually to top physicians, as voted by peers, <i>San Antonio Scene Magazine</i> 	2019
Fellow, Arthroscopy Association of North America (FAANA)	
<ul style="list-style-type: none"> ▪ Awarded by the Arthroscopy Association of North America 	
American Academy of Orthopaedic Surgeons (AAOS) Achievement Award	2019
<ul style="list-style-type: none"> ▪ Awarded annually to surgeons who have made significant contributions to the field of Orthopaedics 	
Best S.A. Doctors 2019	2019
<ul style="list-style-type: none"> ▪ Awarded annually to top physicians, as voted by peers, <i>San Antonio Scene Magazine</i> 	
Rising Star Doctors 2018	2018
<ul style="list-style-type: none"> ▪ Awarded annually to top young physicians, as voted by peers, <i>San Antonio Scene Magazine</i> 	
Best S.A. Doctors 2018	2018
<ul style="list-style-type: none"> ▪ Awarded annually to top physicians, as voted by peers, <i>San Antonio Scene Magazine</i> 	
University of Missouri Orthopaedic Association Research Award, Univ. of Missouri	2015
<ul style="list-style-type: none"> ▪ \$5,000 award to study histologic inflammatory changes within the proximal biceps in patients with biceps tendinitis undergoing a biceps tenodesis 	
Missouri Orthopaedic Institute Award for Outstanding Orthopaedic Resident, Univ. of Missouri	2014
<ul style="list-style-type: none"> ▪ Awarded annually to one outstanding senior resident 	
Dept of Orthopaedic Surgery Barry J. Gainor, MD Resident Award in Education, Univ. of Missouri	2014
<ul style="list-style-type: none"> ▪ Awarded annually to the “best teaching resident” 	
Arthroscopy Association of North America Resident Scholarship	2014
<ul style="list-style-type: none"> ▪ Scholarship awarded to attend AANA annual meeting and course 	
William Enneking Pathology Seminar Diagnostic/Management Problem Solving, Univ. of Florida	2013
<ul style="list-style-type: none"> ▪ First place in the final seminar diagnostic and problem-solving competition 	
Department of Orthopaedic Surgery Allen Menard Leadership Award, Univ. of Missouri	2012
<ul style="list-style-type: none"> ▪ Awarded annually to one resident who demonstrates outstanding leadership and service 	
Fred Miller, MD Leadership and Service Scholarship, Loyola University-Chicago	2009
<ul style="list-style-type: none"> ▪ Awarded to one medical student who demonstrates outstanding leadership and service during their clerkships 	
Salerno Academic Scholarship, Loyola University-Chicago	2007
<ul style="list-style-type: none"> ▪ Awarded to medical student who demonstrates academic excellence in pre-clinical years 	
Dean’s List, University of Notre Dame	2002-2005

PEER REVIEWED PUBLICATIONS AND RESEARCH

1. Sutton D, **Nuelle CW**, Rahal A, DeBerardino T. “Radiographic Comparison of Patella Osteochondral Allograft Transplantation with Adjuvant PRP and Bone Canalicularization vs. Osteochondral Allograft Transplantation Alone.” Manuscript submitted.
2. Lynch T, Bates T, Grosskopf T, Achay J, **Nuelle CW**, Nuelle JAV. “Alternate Graft Options for Staged Flexor Tendon Reconstruction: A Cadaveric Study of Hamstring Autografts Compared to Conventional Autografts.” Manuscript submitted.
3. Goldberg N, **Nuelle CW**. “Knotless Suture Anchor Fixation of a Traumatic Osteochondral Lesion of the Lateral Femoral Condyle.” *Arthrosc Tech*. Manuscript submitted.
4. Patel S, **Nuelle CW**, Hartzler R. Arthroscopic Reduction and Internal Fixation of Proximal Humerus Greater Tuberosity fracture. *Arthrosc Tech*. 2020 Sep 29;9(9):e1363-e1367. eCollection 2020 Sep. PMID: 33024678.
5. Worley JR, Brimmo OB, **Nuelle CW**, Zitsch BP, Leary EV, Cook JL, Stannard JP. Revision anterior cruciate ligament reconstruction after surgical management of multiligament knee injury. *J Knee Surg*. 2020 Jun 16. Online ahead of print. PMID: 32544974.
6. **Nuelle CW**, Nuelle JAV, Balldin CB. Open reduction internal fixation of a traumatic osteochondral lesion of the patella with bioabsorbable screw fixation. *Arthrosc Tech*. 2019 Oct 25;8(11):e1361-e1365. eCollection 2019 Nov. PMID: 31890508.
7. Balldin CB, **Nuelle CW**, DeBerardino, TD. Is intraoperative fluoroscopy necessary to confirm device position for femoral-sided cortical suspensory fixation during anterior cruciate ligament reconstruction? *J Knee Surg*. 2019 Jun;32(6):560-564. PMID: 30736051.
8. Worley JR, Brimmo OB, **Nuelle CW**, Cook JL, Stannard JP. Incidence of concurrent peroneal nerve injury in multiligament knee injuries and outcomes after knee reconstruction. *J Knee Surg*. 2019 Jun;32(6):560-564. PMID: 29898474.

9. **Nuelle CW**, Cook CR, Stoker AM, Cook JL, Sherman SL. In vivo toxicity of local anesthetics and corticosteroids on supraspinatus tenocyte cell viability and metabolism. *Iowa Orthop J.* 2018;38:107-112. PMID: 30104932.
10. **Nuelle CW**, Stokes D, Kuroki K, Crim J, Sherman SL. Radiologic and histologic evaluation of proximal bicep pathology in patients with chronic biceps tendinopathy undergoing open subpectoral biceps tenodesis. *Arthroscopy.* 2018 Jun;34(6):1790-1796. PMID: 29573932.
11. **Nuelle CW**, Milles J, Pfeiffer F, Stannard JP, Smith PA, Kfuri M, Cook JL. Biomechanical comparison of five different PCL reconstruction techniques. *J Knee Surg.* 2017 Jul;30(6):523-531. PMID: 27780285.
12. **Nuelle CW**, Cook C, Stoker AM, Cook JL, Sherman SL. In vitro toxicity of local anesthetics and corticosteroids on tenocytes. *J Ortho Translat.* 2017; 8:20-24.
13. Milles J, **Nuelle CW**, Pfeiffer FM, Stannard JP, Smith PA, Kfuri M, Cook JL. Biomechanical comparison: single-bundle versus double-double bundle posterior cruciate ligament reconstruction techniques. *J Knee Surg.* 2017 May;30(4):347-351. PMID: 27543681.
14. **Nuelle CW**, Nuelle JAV, Cook JL, Stannard JP. Patient factors associated with osteochondral allograft success in knees with or without co-morbidities. *J Knee Surg.* 2017 Feb;30(2):179-184. PMID: 27228198.
15. **Nuelle CW**, Nuelle JAV, Cook JL, Stannard JP. Outcomes associated with osteochondral allografting for large cartilage defects in knees with or without co-morbidities. *Arthroscopy.* 2015 June;31(6):e23.
16. **Nuelle CW**, Cook J, Gallizzi M, Smith PA. Posterior single incision semitendinosus harvest for a quadrupled ACL graft construct: final properties correlated to patient Gender, Height, Weight and BMI. *Arthroscopy.* 2015 Apr;31(4):684-90. PMID: 25522679.
17. Stannard JP, **Nuelle CW**, McGwin G and Volgas D. Hinged external fixation in the treatment of knee dislocations: A prospective randomized study. *J Bone Joint Surg Am.* 2014 Feb 4;96(3):184-91. PMID: 24500579.
18. Smith PA, **Nuelle CW**, Bradley JP. Arthroscopic repair of a posterior bony humeral avulsion of the glenohumeral ligament with associated teres minor avulsion. *Arthrosc Tech.* 2014 Feb;3(1):e89-94. PMID: 24749048.
19. **Nuelle CW**, Stannard JP. Application of a Compass Knee Hinge: Surgical technique. *JBJS Essential Surgical Techniques.* 2014 Jan 22;4(1):e21-6.
20. Nuelle JAV, **Nuelle CW**, Reiter MJ, Sherman SL. Arthroscopic Extraction of Bullet Fragment Adjacent to the ACL. *Arthroscopy.* 2015 Nov;31(11):A15.
21. Sherman SL, Brimmo OB, **Nuelle CW**. Do lateral extraarticular reconstructions reduce rotatory instability in the anterior cruciate ligament deficient knee? A cadaveric study using computer navigation. Manuscript submitted.
22. Krumme JW, **Nuelle CW**, Sherman SL. Epidemiological evidence for common injuries by position in American football: a current review. Manuscript submitted.

TEXTBOOK CHAPTERS, EDITORIALS, SPECIAL FOCUS SECTIONS AND INFOGRAPHICS

1. Lynch T, Chahla J, **Nuelle CW**. Anatomy and Biomechanics of the Posterior Cruciate Ligament. *J Knee Surg.* Special Focus Section. In press.
2. **Nuelle CW**, Sheean A, Tucker C. Subpectoral Biceps Tenodesis of the Shoulder: Indications and Technique Options. *Arthroscopy.* 2020 Sep;36(9):2352-2353. doi: 10.1016/j.arthro.2020.04.010. Epub 2020 Apr 20. PMID: 32325099.
3. **Nuelle CW**, LaPrade C, Sherman SL. Osteochondral Allograft Transplantation. *Advances in Knee Ligament and Knee Preservation Surgery.* ISAKOS. In press.
4. LaPrade CL, **Nuelle CW**, Ray T, Sherman SL. Osteochondral Autograft for Treatment of Small Cartilage Injuries. *Cartilage Injuries of the Knee.* In press.

5. **Nuelle CW**. Editorial Commentary: Biceps Tendon Tenderness...Is It Enough to Guide Surgical Management? *Arthroscopy*. 2019 July;35(7):2001-2002. PMID: PMID: 31272620.
6. **Nuelle CW**. Editorial Commentary: The search for the perfect fixation method in anterior cruciate ligament reconstruction continues. *Arthroscopy*. 2018 Nov;34(11):3071-3072. PMID: 30392690.
7. Sherman SL, Voss E, Garrone A, **Nuelle CW**,. Debridement. *Cartilage Restoration: Practical Clinical Applications (2nd edition)*. Springer: New York, NY. 2018.
8. **Nuelle CW**. Cartilage Transplantation. *MD News*. San Antonio edition. Feb 2018.
9. **Nuelle CW**, Farr J. Patellofemoral cartilage restoration: internal fixation of osteochondritis dissecans lesions. *J Knee Surg*. Mar 2018;31:206–211. PMID: 28977816.
10. Sherman SL, Thyssen E, **Nuelle CW**. Osteochondral autologous transplantation. *Clin Sports Med*. 2017 Jul;36(3):489-500. PMID: 28577708.
11. Sherman SL, **Nuelle CW**, Brunkhorst J, Latterman C. Meniscal allograft transplantation. *AAOS Let's Discuss: Joint Preservation of the Knee*. AAOS: Rosemont, IL. 2016.
12. Sherman SL, **Nuelle CW**, Farr J. Issues Specific to Cartilage Repair in the Patellofemoral Joint. *AAOS Let's Discuss: Joint Preservation of the Knee*. AAOS: Rosemont, IL. 2016.
13. **Nuelle CW**, Stannard JP. Posterior cruciate ligament, posteromedial corner and posterolateral corner reconstruction. *Posterior Cruciate Ligament Injuries: A Practical Guide to Management (2nd edition)*. Springer: New York, NY. 2015.
14. Stannard JP, **Nuelle CW**. Treatment of the multi-ligament injured knee. *AANA Advanced Arthroscopic Surgical Techniques: The Knee*. SLACK: Thorofare, NJ. 2016.
15. Sherman SL, Plackis AC, **Nuelle CW**. Patellofemoral Anatomy and Biomechanics. *Clin Sports Med*. 2014 Jul;33(3):389-401. PMID: 24993406.

INTERNATIONAL/NATIONAL PODIUM PRESENTATIONS, POSTERS AND LECTURES

1. **Nuelle CW**, Balldin BC, DeBerardino TD. “Is Intraoperative Fluoroscopy Necessary to Confirm Device Position for Femoral-Sided Cortical Suspensory Fixation during Anterior Cruciate Ligament Reconstruction?” Arthroscopy Association of North America Annual Meeting. Podium. May 2019.
2. **Nuelle CW**, Stokes D, Kuroki K, Crim J, Sherman S. “The Location and Extent of Pathology in Chronic Biceps Tendinopathy Patients undergoing Subpectoral Biceps Tenodesis.” Mid-America Annual Meeting. Podium. April 2018.
3. **Nuelle CW**. “Cartilage Restoration Options in 2017.” Notre Dame Orthopaedic Society Meeting. Podium. Oct 2017.
4. **Nuelle CW**, Stokes DC, Kuroki K, Cook JL, Sherman SL. “What is the location and extent of pathology in surgical cases of chronic biceps tendinopathy undergoing subpectoral biceps tenodesis?” Arthroscopy Association of North America Annual Meeting. Poster. May 2017.
5. Milles J, **Nuelle CW**, Cook JL, Stannard J, Smith PA, Kfuri M, Pfeiffer F. “Biomechanical comparison of double bundle vs. single bundle PCL reconstruction techniques.” Mid-America Annual meeting. Podium. March 2016.
6. **Nuelle CW**, Sherman SL, James CH, Stoker AM, Cook JL. “In vivo Toxicity of Local Anesthetics and Corticosteroids on Tendon cell Viability and Metabolism.” Arthroscopy Association of North America Annual Meeting. Poster. April 2016.
7. **Nuelle CW**, Cook JL, Pfeiffer F, Stannard JP, Smith PA, Kfuri M, Milles J. “Biomechanical Comparison of Five PCL Reconstruction Techniques.” American Academy of Orthopaedic Surgeons Annual Meeting. Podium. March 2016.

8. **Nuelle CW**, Nuelle JAV, Cook JL, Stannard JP. "Influence of Donor Age and Graft Storage Duration on Outcomes of Osteochondral Allografting of the Knee." American Academy of Orthopaedic Surgeons Annual Meeting. Poster. March 2016.
9. Sherman SL, Gulbrandsen TR, Monibi F, **Nuelle CW**, Cook JL, Stannard JP. "Meniscus Replacement, Transplantation, and Regeneration: State of the Art in 2015." American Academy of Orthopaedic Surgeons Annual Meeting. Scientific Exhibit. March 2016.
10. **Nuelle CW**, James CH, Stoker AM, Cook JL, Sherman SL. "In Vitro Toxicity of Local Anesthetics and Corticosteroids on Supraspinatus Tenocyte Viability and Metabolism." Orthopaedic Research Society Annual Meeting. March 2016.
11. **Nuelle CW**, Nuelle JA, Cook J, Stannard JP. "Patients Factors Associated with Osteochondral Allograft success in Knees with or without Co-morbidities." American Orthopaedic Society for Sports Medicine Annual meeting. Orlando, Florida. July 2015.
12. **Nuelle CW**, Nuelle JA, Cook J, Stannard JP. "Outcomes Associated with Osteochondral Allografting for Large Cartilage Defects in Knees with or without Co-morbidities." Arthroscopy Association of North America Annual meeting. Los Angeles, CA. April 2015.
13. **Nuelle CW**, Cook J, Pfeiffer F, Stannard JP, Smith PA, Kfuri M. "Biomechanical Comparison of PCL reconstruction techniques." Comparative Orthopaedics Day, University of Missouri. April 2015.
14. **Nuelle CW**, Dammerich D, Ander MA, Patwardhan AW. Decreased Disc Pressure after Vertebral Endplate Fracture. Is it an Additional Risk Factor for Fractures at the Adjacent Levels? Poster Presentation; Loyola University Research Symposium, Maywood, IL. April 2006.

REGIONAL/LOCAL PODIUM PRESENTATIONS, POSTERS, GRAND ROUNDS AND LECTURES

1. **Nuelle CW**. "ACL Graft Selection Debate: Quadriceps Tendon ACLR: Laud the Quad!" AANA Advanced Knee Solutions Course. June 2021.
2. **Nuelle CW**. "Smaller Lesion Debate: Microfracture vs Autograft Transfer." AANA Advanced Knee Solutions Course. June 2021.
3. **Nuelle CW**. "Financial Topics For Early Career Physicians." Sports Medicine Fellow lecture series, Baylor College of Medicine Sports Medicine Fellowship. San Antonio, TX. May 2021.
4. **Nuelle CW**. "Proximal Patella Stabilization Procedures: Tips and Tricks." AANA Advanced Arthroscopic Knee & Shoulder Solutions Course. April 2021.
5. **Nuelle CW**. "Financial Topics Every Physician Should Know." Grand Rounds, San Antonio Military Medical Center. San Antonio, TX. April 2021.
6. **Nuelle CW**. "Evaluating Job Offers and Contracts." Sports Medicine Fellow lecture series, Baylor College of Medicine Sports Medicine Fellowship. San Antonio, TX. November 2020.
7. **Nuelle CW**. "Save The Meniscus." Grand Rounds, San Antonio Military Medical Center. San Antonio, TX. Aug 2020.
8. **Nuelle CW**. "Billing and Coding for Orthopaedic Surgeons." Sports Medicine Fellow lecture series, Baylor College of Medicine Sports Medicine Fellowship. San Antonio, TX. July 2020.
9. **Nuelle CW**. "Financial Topics For Physicians." Sports Medicine Fellow lecture series, Baylor College of Medicine Sports Medicine Fellowship. San Antonio, TX. July 2020.
10. **Nuelle CW**. "Pitfalls and Complications of All-inside ACL surgery." Texas Orthopaedic Association Annual Meeting. San Antonio, TX. Feb 2020.
11. **Nuelle CW**. "Financial Topics Every Physician Should Know." Grand Rounds, San Antonio Military Medical Center. San Antonio, TX. Oct 2019.

12. **Nuelle CW.** "Billing and Coding for Orthopaedic Surgeons." Grand Rounds, San Antonio Military Medical Center. San Antonio, TX. Oct 2019.
13. **Nuelle CW.** "Financial Topics Every Physician Should Know." Sports Medicine Fellow lecture series, Baylor College of Medicine Sports Medicine Fellowship. San Antonio, TX. July 2019.
14. **Nuelle CW.** "All-inside Anterior Cruciate Ligament Reconstruction." Texas Orthopaedic Association annual meeting. Houston, TX. Feb 2019.
15. **Nuelle CW.** "Endoscopic Hamstring Repair." Texas Orthopaedic Association annual meeting. Houston, TX. Feb 2019.
16. **Nuelle CW.** "Distal Biceps Tendon Tears." Occupational Medicine education series, HEB headquarters. San Antonio, TX. Nov 2018.
17. **Nuelle CW.** "What is Cartilage Surgery?" Physician education series, Mission Trail Hospital. San Antonio, TX. Dec 2017.
18. **Nuelle CW.** "Contract Negotiations." Orthopaedic resident lecture series, University of Missouri. June 2017.
19. **Nuelle CW.** "Common Shoulder Injuries: Update." Annual Sports Medicine Update Conference. University of Missouri, April 2017.
20. **Nuelle CW.** "Midfoot Injuries in Athletes." Sports Medicine Conference. University of Missouri. December 2016.
21. **Nuelle CW.** "Acromioclavicular Joint Injuries: Surgical Management." Orthopaedic resident lecture series, University of Missouri. November 2016.
22. **Nuelle CW.** "Need to Know Financial topics." Emergency Medicine Resident lecture series, University of Missouri. October 2016.
23. **Nuelle CW.** "Contract Negotiations." Orthopaedic resident lecture series, University of Missouri. June 2016.
24. **Nuelle CW.** "Acromioclavicular joint surgical techniques." Orthopaedic resident lecture series, University of Missouri. February 2016.
25. **Nuelle CW.** "Financial Topics Every Resident Should Know." Orthopaedic resident lecture series, University of Missouri. February 2016.
26. **Nuelle CW.** "Acromioclavicular joint injuries and management." Orthopaedic resident lecture series, University of Missouri. October 2015.
27. **Nuelle CW.** "Orthopaedic Injuries and Emergencies." Emergency Nurses Association Annual Meeting. Columbia, MO. September 2015.
28. **Nuelle CW, Nuelle JA, Cook J, Stannard JP.** "Patients Factors Associated with Osteochondral Allograft success in Knees with or without Co-morbidities." Fellows Research Day. University of Missouri. July 2015.
29. **Nuelle CW.** "The Anterolateral Ligament: Anatomy, Biomechanics and Clinical Implications." Grand Rounds, University of Missouri. May 2015.
30. **Nuelle CW.** "Orthopaedic Infection." Sports Medicine Conference, University of Missouri. March 2015.
31. **Nuelle CW, Stannard JP, McGwin G, Volgas DA.** "Hinged External Fixation in the Treatment of Knee Dislocations." Research Day, University of Missouri. June 2014.
32. **Nuelle CW.** "Patellar Instability." Grand Rounds, University of Missouri. July 2013.
33. **Nuelle CW.** "Combined ACL, MCL, Meniscus and Patellar tendon injury in the Elite Athlete: Case Report." Sports Medicine Case Presentation Series, University of Missouri. June 2013.
34. **Nuelle CW.** "Treatment options in a young patient with multiple failed ACL reconstructions: Case review." Sports Medicine Case Presentation Series, University of Missouri. March 2013.

35. **Nuelle CW.** “Musculoskeletal Pathology.” Resident Lecture Series, University of Missouri. September 2012.
36. **Nuelle CW.** “Treatment options for Massive Rotator Cuff tear in a Young Patient: Case Review.” Sports Medicine Case Presentation Series, University of Missouri. September 2012.
37. **Nuelle CW.** “Pathology Conference: Fibrous Dysplasia.” Resident Lecture Series. University of Missouri. Feb 2012.
38. **Nuelle CW.** “Musculoskeletal Basic Science.” Surgery Grand Rounds, University of Missouri. January 2010.

ONLINE WEBINARS, SOCIAL MEDIA PUBLICATIONS AND PRODUCTIONS

1. **Nuelle CW, Shea K, Schmitz M, Frank R, Beck J.** “Pediatric Meniscus and Cartilage Pathology.” *AANA Wednesday Webinar Series.* May 19, 2021.
2. **Nuelle CW, Smith M.** “Superior Capsular Reconstruction Using Dermal Allograft is a Safe and Effective Treatment for Massive Irreparable Rotator Cuff Tears: 2-year Clinical Outcomes.” *Arthroscopy Journal Podcast.* May 7, 2021.
3. **Nuelle CW, Schmitz M.** “Sex Differences in Patients with CAM deformities with FAI: 3-Dimensional Computed Tomographic Quantification.” *Arthroscopy Journal/JBJS Combined Podcast.* April 9, 2021.
4. **Nuelle CW, Feldman B.** “Editorial Commentary: Hamstring ACL augmentation with Allograft: Not in patients <25.” *Arthroscopy Journal Podcast.* March 15, 2021.
5. **Nuelle CW, Sheean A, Arner J, Tucker C.** “2020 Year-End Recap featuring Award-Winning Papers.” *Arthroscopy Journal Podcast.* March 4, 2021.
6. **Nuelle CW, Cook J.** “Use of Hyperosmolar Saline Solution to Mitigate Proinflammatory and Degradative Responses of Articular Cartilage and Meniscus for Application to Arthroscopic Surgery.” *Arthroscopy Journal Podcast.* Jan. 29, 2021.
7. **Nuelle CW, Harris J.** “Sham Surgery Studies in Orthopaedic Surgery May Just Be a Sham: A Systematic Review of Randomized Placebo-Controlled Trials.” *Arthroscopy Journal Podcast.* Dec. 14, 2020.
8. **Nuelle CW, Smith PS.** “All-Inside Quadrupled Semitendinosus Autograft Shows Stability Equivalent to Patellar 6 Tendon Autograft Anterior Cruciate Ligament Reconstruction: Randomized Controlled Trial in Athletes 24 Years or Younger.” *Arthroscopy Journal Podcast.* Nov. 6, 2020.
9. **Nuelle CW, Hewett TW.** “Is There Value and Validity for the Use of Return to Sport Test Batteries After Anterior Cruciate Ligament Injury and Reconstruction.” *Arthroscopy Journal Podcast.* Oct. 9, 2020.
10. **Nuelle CW, Yanke A.** “Differential Contributions of the Quadriceps and Patellar Attachments of the Proximal Medial Patellar Restraints to Resisting Lateral Patellar Translation.” *Arthroscopy Journal Podcast.* Sept. 13, 2020.
11. **Nuelle CW, Williams R.** “Fresh Precut Osteochondral Allograft Core Transplantation for the Treatment of Femoral Cartilage Defects.” *Arthroscopy Journal Podcast.* Aug 10, 2020.
12. **Nuelle CW, Verma N.** “Arthroscopic Supraperacrotal and Open Subperacrotal Biceps Tenodeses Produce Similar Outcomes: A Randomized Prospective Analysis.” *Arthroscopy Journal Podcast.* July 17, 2020.
13. **Nuelle CW, Hartzler R, Frank R, Chalmers P.** “AANA/ASES Crossover Episode: Discussing Shoulder Instability and the Instability Severity Index Score.” *Arthroscopy Journal Podcast.* July 5, 2020.
14. **Nuelle CW, Magnussen R.** “Subjective Knee Function and Risk of Failure are Equivalent for Men and Women at Five Years after a Meniscus Repair.” *Arthroscopy Journal Podcast.* June 8, 2020.
15. **Nuelle CW, Chen A.** “Return to Basketball After Hip Arthroscopy: Minimum Two Year Follow-Up.” *Arthroscopy Journal Podcast.* May 8, 2020.

16. **Nuelle CW**, Miller M. "Avoiding Injury to the Popliteal Neurovascular Bundle and All-Inside Suturing of the Posterior Horn of the Lateral Meniscus, a Magnetic Resonance Imaging Assessment of Portal Selection and Safety." *Arthroscopy Journal Podcast*. April 13, 2020.
17. **Nuelle CW**, Makhni E. "Fatigue Increases Dynamic Knee Valgus in Youth Athletes: Results From a Field-Based Drop Jump Test." *Arthroscopy Journal Podcast*. March 6, 2020.
18. **Nuelle, CW**, Leclere L. "Outcomes of Primary Biceps Subpectoral Tenodesis in an Active Population, A Prospective Evaluation of 101 Patients." *Arthroscopy Journal Podcast*. Feb. 7, 2020.
19. Tucker C, **Nuelle CW**, Hartzler R, Sheehan A. "2019 Year-End Recap featuring Award-Winning Papers." *Arthroscopy Journal Podcast*. Jan. 31, 2020.
20. **Nuelle CW**. "Microfracture: Is it Officially a Thing of the Past?" *Inside AANA eNewsletter*. Jan., 2020.
21. **Nuelle CW**, Maldonado D. "Hip Arthroplasty After Hip Arthroscopy: Are Short-term Outcomes Affected? A Systematic Review of the Literature." *Arthroscopy Journal Podcast*. Jan. 10, 2020.
22. **Nuelle CW**, Xerogeanes J. "Anterior Cruciate Ligament Graft Fixation Strength: Do Ultimate Load and Cyclic Deformation Really Matter?" *Arthroscopy Journal Podcast*. Dec. 6, 2019.
23. **Nuelle CW**, Weber A. "Are Orthopaedic Surgeons Performing Fewer Arthroscopic Partial Meniscectomies in Patients Greater than 50 years old?" *Arthroscopy Journal Podcast*. Nov. 14, 2019.
24. **Nuelle CW**, Tanaka M. "Radiographic Landmarks for the Anterior Attachment of the Medial Patellofemoral Ligament Complex." *Arthroscopy Journal Podcast*. Oct. 16, 2019.
25. **Nuelle CW**, Gomoll A. "Open Meniscal Allograft Transplantation with Transosseous Suture Fixation of the Meniscal Body Significantly Decreases Meniscal Extrusion Rate Compared with Arthroscopic Technique." *Arthroscopy Journal Podcast*. Sept. 2, 2019.
26. **Nuelle CW**, Farr J. "The Role of Bone Marrow Aspirate Concentrate for the Treatment of Chondral Lesions of the Knee, as systematic review and critical analysis of animal studies." *Arthroscopy Journal Podcast*. Aug 2, 2019.
27. **Nuelle CW**, Alaia M. "The Utility of Oral Nonsteroidal Anti-Inflammatory Drugs Compared With Standard Opioids Following Arthroscopic Meniscectomy: A Prospective Observational Study." *Arthroscopy Journal Podcast*. July 1, 2019.
28. **Nuelle CW**, McIntyre L. "Cost Effectiveness Analysis of Needle Arthroscopy Versus Magnetic Resonance Imaging in the Diagnosis and Treatment of Meniscal Tears of the Knee." *Arthroscopy Journal Podcast*. June 14, 2019.
29. **Nuelle CW**, Chahla J. "Single-Bundle and Double-Bundle Posterior Cruciate Ligament Reconstructions: A Systematic Review and Meta-analysis of 441 Patients at a Minimum 2 Years' Follow-up." *Arthroscopy Journal Podcast*. June 3, 2019.
30. **Nuelle CW**, Owens B. "Medical Malpractice Litigation Following Arthroscopic Surgery." *Arthroscopy Journal Podcast*. May 27, 2019.
31. **Nuelle CW**, Camp C. "Factors that increase the risk of infection after elbow arthroscopy: Analysis of patient demographics, medical comorbidities, and steroid injection in 2,704 medicare patients." *Arthroscopy Journal Podcast*. April 19, 2019.
32. **Nuelle CW**, Hewett TW. "Change in anterior cruciate ligament graft choice and outcomes over time." *Arthroscopy Journal Podcast*. March 15, 2019.
33. **Nuelle CW**, Smith PS. "Independent suture tape reinforcement of small and standard diameter grafts for anterior cruciate ligament reconstruction: a biomechanical full construct model." *Arthroscopy Journal Podcast*. February 1, 2019.
34. **Nuelle CW**, Cole BS. "Can competitive athletes return to high-level play after osteochondral allograft transplantation of the knee?" *Arthroscopy Journal Podcast*. January 18, 2019.

SCIENTIFIC MEETINGS, CONFERENCES AND COURSES ATTENDED

International Sports Medicine Fellows (ISMF) Course-Faculty moderator.	May 2021
AANA Advanced Arthroscopic Knee & Shoulder Solutions Course-Faculty instructor. Chicago, IL	April 2021
Texas Orthopaedic Association (TOA) Annual Meeting-Faculty. San Antonio, TX	Feb 2020
Society of Military Orthopaedic Surgeons (SOMOS) Annual Meeting-Faculty. Palm Beach, FL	Dec 2019
AANA Arthroscopic Shoulder Solutions Course-Faculty instructor. Chicago, IL	Oct 2019
AANA Patellofemoral Joint Preservation Course-Faculty instructor. Chicago, IL	Sept 2019
38th Annual Arthroscopy Association of North America (AANA) Spring Meeting. Orlando, FL	May 2019
AOSSM Football Sports Medicine: Youth to the NFL. Nashville, TN	March 2019
AAOS Articular Cartilage Restoration Course-Faculty Instructor. Chicago, IL	Feb 2019
Texas Orthopaedic Association (TOA) Annual Meeting. Houston, TX	Feb 2019
Mid-America Orthopaedic Association (MAOA) Annual Meeting. San Antonio, TX	April 2018
Stryker Mako Robotic Arthroplasty Course. Ft. Lauderdale, FL	March 2018
22nd Annual Notre Dame Orthopaedic Society Meeting. Notre Dame, IN	Oct 2017
36th Annual Arthroscopy Association of North America (AANA) Spring Meeting. Denver, CO	May 2017
Mid-America Orthopaedic Association (MAOA) Annual Meeting. Amelia Island, FL	April 2017
American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting. Orlando, FL	March 2016
Orthopaedic Research Society (ORS) Annual Meeting. Orlando, FL	March 2016
20th Annual Notre Dame Orthopaedic Society Meeting. Notre Dame, IN	Sept 2015
American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting. Orlando, FL	July 2015
34th Annual Arthroscopy Association of North America (AANA) Spring Meeting. Los Angeles, CA	April 2015
Advanced Arthroscopy Fellows Course, Arthrex. Naples, FL	April 2015
10th Annual Advances in Orthopaedic Sports Medicine and Trauma. Naples, FL	Feb 2015
Fellows Advanced Shoulder Arthroplasty Course, Tornier. Las Vegas, NV	Nov 2014
33rd Annual Arthroscopy Association of North America (AANA) Spring Meeting. Hollywood, FL.	May 2014
9th Annual Advances in Orthopaedic Sports Medicine and Trauma. Naples, FL	Feb 2014
Football Friday Nights Symposium, Arthrex. St. Louis, MO.	Oct 2013
Advanced Shoulder Course, Arthrex. Kansas City, KS.	July 2013
William F. Enneking Musculoskeletal Pathology Seminar. University of Florida.	April 2013
Orthotics Review Course for Physicians and Healthcare Professionals. University of Missouri.	June 2012
AO Basic Principles and Techniques of Operative Fracture Management. Ft. Lauderdale, Florida.	Oct 2010
Stryker Orthopaedic Surgical Training Program. Las Vegas, NV.	May 2010