

Curriculum Vitae

Brian J. Chilelli, MD

Email: brianchilelli@gmail.com

Phone: 843-364-9948

Education

BS, College of Charleston, Biochemistry
Charleston, SC Aug 2000 - May 2004

MD, Medical University of South Carolina
Charleston, SC Aug 2004 - May 2008

Post Graduate Education and Training

Northwestern University, Feinberg School of Medicine
Chicago, IL July 2008 - July 2013
Residency in Orthopaedic Surgery

Brigham and Women's Hospital, Harvard Medical School
Boston, MA Aug 2013 - July 2014
Fellowship in Sports Medicine

Medical Licensures

State of Illinois Medical License Active

State of Ohio Medical License. Active

State of Massachusetts License Inactive

Board Certification

Board Certified in Orthopaedic Surgery

Position/Title

Orthopaedic Surgeon, Northwestern Medicine Regional Medical Group Warrenville, IL	2014 – 2020
Orthopaedic Surgeon, Cincinnati Sports Medicine and Orthopaedic Center, Mercy Health Cincinnati, OH	2021 - present

Hospital Appointments

Brigham and Women's Hospital, Harvard Medical School Boston, MA Associate Orthopaedic Surgeon, Sports Medicine Fellow	2013 - 2014
Northwestern Medicine Central Dupage Hospital Winfield, IL Orthopaedic Surgeon, Northwestern Medicine Regional Medical Group Orthopaedics	2014 - 2020
Northwestern Medicine Delnor Hospital Geneva, IL Orthopaedic Surgeon, Northwestern Medicine Regional Medical Group Orthopaedics`	2014 - 2020
Northwestern Medicine Hip and Knee Joint Preservation Center Co-director	2019 – 2020
Northwestern Medicine Orthopaedic Surgery Value Analysis Committee	2019 – 2020
Cincinnati Sports Medicine and Orthopaedic Center, Mercy Health, Sports Medicine Fellowship Faculty	2021 - present
Mercy Health Fairfield Hospital Fairfield, OH Orthopaedic surgeon, Cincinnati Sports Medicine and Orthopaedic Center - Mercy Health	2021 – present
Mercy Health West Hospital Cincinnati, OH Orthopaedic surgeon, Cincinnati Sports Medicine and Orthopaedic Center - Mercy Health	2021 – present

Mercy Health Orthobiologics Committee Surgical Division Chair	2021 - Present
Mercy Health Orthopaedics Research Committee	2021 - Present
Director Knee Preservation Center Cincinnati Sports Medicine and Orthopaedic Center - Mercy Health	2021 - Present

Societies and Memberships

American Academy of Orthopaedic Surgeons	2008 - Present
American Orthopaedic Society for Sports Medicine	2014 –Present
Arthroscopy Association of North America	2014 –Present
International Cartilage Repair Society	2014 - Present

Honors, Awards, Accomplishments

NCAA Division I athlete, College of Charleston Men's soccer team	
Phi Kappa Phi Honors Society	2003
Golden Key Honors Society	2003
College of Charleston Honors Program	2000-2004
OREF/ORS Resident Research Symposium Northwestern University representative	2013
Transformational Leader Award, Northwestern Medicine.	2019
Top Doctors, IL Top Docs	2020
Castle Connolly Top Doctors	2023

Team Coverage Experience

CPS (Chicago Public School) Sideline Physician Attend football games and provide on-site medical assistance	2009 - 2012
NHL hockey Chicago Blackhawks Hockey On site physician for scrimmages and physical examinations	2011 - 2013
NCAA Big Ten Wrestling On site physician for NCAA Midlands wrestling tournament	2012
NCAA Big Ten Basketball On site physician for NCAA Big Ten basketball tournament	2013
NBA Combine Physicals Assist in physical evaluation of NBA draft prospects	2013
MLS (Major League Soccer) New England Revolution, Assistant team physician	2013 - 2014
NCAA, Northern Illinois University Team physician for Division I FBS football and athletics	2018 – 2020
NCAA, Miami University of Ohio Team physician for Division I FBS football and athletics	2021 - present

Clinical Interests

Sports medicine, arthroscopy (shoulder and knee), cartilage restoration, lower extremity osteotomies, meniscus repair, patellar instability, meniscus allograft transplantation, ligamentous knee reconstruction, partial knee arthroplasty

Publications

Swift B, Zhang T, **Chilelli BJ**. A novel cartilage restoration technique utilizing BMAC, autologous cartilage, allograft cartilage, and collagen scaffold. *Arthroscopy Techniques* (Submitted). 2023

Chilelli BJ, Thakkar A, Zhang T, Bhatia S, Bare A, Gomoll AH. Trends in Cartilage Repair Surgery: 2010 – 2020. *Cartilage* (Submitted). 2023

Zhang T, Akhter F, Almasri M, **Chilelli BJ**. All arthroscopic aatrix-associated autologous chondrocyte implantation for a Femoral Trochlea Cartilage Defect. *Arthroscopy Techniques* (Accepted). 2023

Chilelli BJ, Das V, Bhatia S, Patel RM. Surgical trends and reported complications of medial patellofemoral ligament reconstruction among board eligible orthopaedic surgeons: analysis of data Over a 15-year period. *Arthroscopy, Sports Medicine, and Rehabilitation* (Accepted). 2023

Chilelli BJ, Gomoll AH. (2023) Adapting Cartilage Restoration to the Patellofemoral Compartment In: In Seth L. Sherman, Jorge Chahla and Scott A. Rodeo (Eds.), *Knee Arthroscopy and Knee Preservation Surgery*. New York City, NY: Springer.

Flanigan D, Carey J, **Chilelli B**, Gersoff W, Jones D, Lee C, Toth A, Cramer C, Zaporozhan V, Sherman S. Consensus on rehabilitation guidelines among orthopaedic surgeons in the United States following use of third generation articular cartilage repair (MACI) for treatment of knee cartilage lesions. *Cartilage*. 2020 Oct

Chilelli BJ, Gomoll AH. (2020). Articular Cartilage. In Mark D. Miller (Ed), *Orthopaedic Knowledge Update 6: Sports Medicine*. Rosemont, IL: American Academy of Orthopaedic Surgeons.

Chilelli BJ, Gomoll AH. (2020) Osteonecrosis of the Knee In: In Jorge A. Chahla and Robert F. Laprade (Eds.), *Evidence-Based Management of Complex Knee Injuries*. Philadelphia, PA: Elsevier.

Chilelli BJ, Gomoll AH. (2019) Chondral Defects of the Knee: Diagnosis and Management. In: Yanke AB, ed. *Joint Preservation of the Knee: A Clinical Casebook*. Verlag Berlin Heidelberg: Springer.

Chilelli BJ, Cole BJ, Farr J, Lattermann C, Gomoll AH. The four most common types of knee cartilage damage encountered in practice: how and why orthopaedic surgeons manage them. *Instr Course Lect*. 2017;66:507-530.

Chilelli BJ, Gomoll AH, Farr J. (2016). Articular Cartilage Repair with Bioscaffolds. In W. Norman Scott (Ed), *Insall and Scott Surgery of the Knee 6th Edition*. London, England. Churchill Livingstone.

Chilelli BJ, Gomoll AH. (2016). Articular Cartilage. In Mark D. Miller (Ed), *Orthopaedic Knowledge Update 5: Sports Medicine*. Rosemont, IL: American Academy of Orthopaedic Surgeons.

Chilelli BJ, Matthews GL, Minas T, Gomoll AH. (2015). Articular Cartilage and Subchondral Bone Pathology. In Brian J. Cole and Joshua D. Harris (Eds.), *Biological Knee Reconstruction: A Surgeon's Guide*. Thorofare, NJ: SLACK Inc.

Chilelli BJ, Mastrocola MR, Gomoll AH. Autologous Chondrocyte Implantation: Surgical Technique and Outcomes. *Operative Techniques in Orthopaedics* 2014 Dec;24(4):246-52

Chilelli BJ, Patel RM, Kalainov DM, Peng J, Zhang LQ. Flexor pollicis longus dysfunction after volar plate fixation of distal radius fractures. *J Hand Surg Am.* 2013 Sep;38(9):1691- 7.

Patel RM, **Chilelli BJ**, Ivy AD, Kalainov DM. Hand surface landmarks and measurements in the treatment of trigger thumb. *J Hand Surg Am.* 2013 Jun;38(6):1166-71.

Chilelli BJ (2015). Metastatic Disease. In Jamal Bouganem and Ritesh R. Shah (Eds.) *Pocket Orthopaedics*. Wolters Kluwer.

Alpaugh K, **Chilelli B**, Xu S, Martin S. Primary Open or Endoscopic Abductor Tendon Repair in the Hip: A Systematic Review of the Literature. *Arthroscopy.* 2014

Patel RM, Kalainov DM , **Chilelli BJ**, Makoweic RL. Comparison of two radiographic stress views in assessing for scapholunate instability. *Hand.* 2014

Presentations / Speaking Invitations

Chilelli BJ, Patel RM, Kalainov DM. Dysfunction of the Flexor Pollicis Longus after Volar Plate Fixation of Distal Radius Fractures. Podium presentation, American Association for Hand Surgery (AAHS), Naples, FL , January 9-15, 2013.

Chilelli BJ, Patel RM, Kalainov DM. Dysfunction of the Flexor Pollicis Longus after Volar Plate Fixation of Distal Radius Fractures. Podium presentation, American Academy of Orthopaedic Surgeons (AAOS), Chicago,IL , March 19-23, 2013.

Chilelli BJ, Patel RM, Kalainov DM. Dysfunction of the Flexor Pollicis Longus after Volar Plate Fixation of Distal Radius Fractures. Podium presentation, OREF/ORS Resident Research Symposium, Chicago,IL , May 17, 2013.

Chilelli BJ. Hip Labral Injuries in Athletes. Podium presentation, Sports Medicine Continuing Education Conference, Central Dupage Hospital: Winfield, IL , June 21, 2014.

Chilelli BJ. Assessment and Treatment Options for Articular Cartilage Lesions of the Knee. Podium presentation, Current Trends in Sports Medicine Workshop, Aurora University, IL , Feb 7, 2015.

Chilelli BJ. Assessment and Treatment Options for Articular Cartilage Lesions of the Knee. Podium presentation, ATI Physical Therapy, Naperville, IL , Feb 11, 2016.

Chilelli BJ. Case presentations. Panel member, American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration: The Modern Frontier. Rosemont, IL. March 31-April 2, 2016.

Chilelli BJ. Articular Cartilage Injuries of the Knee. Podium presentation, Multi-Specialty Orthopaedic Workshop, Be Fit Physical Therapy, Downers Grove, IL , May 7, 2016.

Chilelli BJ. Articular Cartilage Injuries of the Knee. Podium presentation, Sports Medicine Continuing Education Conference, Central Dupage Hospital: Winfield, IL , June, 2016.

Chilelli BJ. An Algorithm and Approach to Cartilage Failure: Revision Strategies - Tips and Tricks. Podium presentation, Orthopaedic Summit Evolving Techniques (OSET), Las Vegas, NV, December 6, 2017

Chilelli BJ. Meniscus. Moderator, Orthopaedic Summit Evolving Techniques (OSET), Las Vegas, NV, December 6, 2017

Chilelli BJ. Case presentations. Panel member, Orthopaedic Summit Evolving Techniques (OSET), Las Vegas, NV, December 7, 2017

Chilelli BJ. Case Studies and Q & A from the faculty. Panel member, American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration: Current, Emerging, and Advanced Techniques. Rosemont, IL. February 7-9, 2019.

Chilelli BJ. Cartilage Restoration of the Knee. Podium presentation, ATI Physical Therapy, Naperville, IL , June 5, 2019.

Chilelli BJ, Bhatia S, Ellman M, Laprade R. Rehabilitation following meniscus root repair. Presentation, American Academy of Orthopaedic Surgeons (AAOS) webinar. June 17, 2019.

Chilelli BJ. Preservation of the Knee. Podium presentation, Orthopaedic Surgery Symposium: Hip and Knee Preservation, Central Dupage Hospital: Winfield, IL , October 5, 2019.

Chilelli BJ. Orthobiologics. Podium presentation, Orthopaedic Surgery Symposium: Hip and Knee Preservation, Central Dupage Hospital: Winfield, IL , October 5, 2019.

Chilelli BJ. Preservation of the Knee. Podium presentation, Illinois Chiropractic Society Convention, Marriott Hotel: Naperville IL , October 12, 2019.

Chilelli BJ. Orthobiologics. Podium presentation, Advanced Knee Ligament, Meniscus and Articular Cartilage, Arthroscopy Association of North America (AANA), Rosemont, IL. November 1-3, 2019.

Chilelli BJ. Patella Instability, Maltracking and Pain: A Case-Based Presentation. Panel member, Advanced Knee Ligament, Meniscus and Articular Cartilage, Arthroscopy Association of North America (AANA), Rosemont, IL. November 1-3, 2019.

Chilelli BJ, Sherman SL. Matrix-assisted autologous chondrocyte implantation: Introduction and surgical technique. Moderator, Advanced Knee Ligament, Meniscus and Articular Cartilage, Arthroscopy Association of North America (AANA), Rosemont, IL. November 1-3, 2019.

Chilelli BJ, Gomoll AH, Bonner KF, Sherman SL. Introduction to chondral defects and marrow stimulation technique. Presentation and Moderator, American Academy of Orthopaedic Surgeons (AAOS). Articular cartilage injuries of the knee: evaluation and management. May 21, 2020.

Chilelli BJ. Lateral Extra-Articular Procedures: When or Ever Should They be Used with an ACLR. Presentation, Advanced Knee and Shoulder Course, Arthroscopy Association of North America (AANA), Rosemont, IL. November 14-15, 2020.

Chilelli BJ. Keeping the Knees in the Game: Knee Preservation, Virtual Webinar Presentation, Miami University of Ohio Department of Kinesiology, Nutrition, and Health. March 10, 2021.

Chilelli BJ. Treating Articular Cartilage Defects of the Knee with MACI, Virtual Vericel Webinar Presentation, Cincinnati, OH. April 21, 2021.

Chilelli BJ. Meniscus Root Tears: Clinical Experience and Techniques. Virtual Hilton Head 2021 Advances in Sports Medicine Course. May, 2021.

Chilelli BJ. 2021 Update on Knee Articular Cartilage Restoration Techniques. Virtual Hilton Head 2021 Advances in Sports Medicine Course. May, 2021.

Chilelli BJ, Noyes FR, Heckmann T. Meniscus Repair and Transplantation Case Presentations Moderator. Virtual Hilton Head 2021 Advances in Sports Medicine Course. May, 2021.

Chilelli BJ. 2021 Update on ACL Graft Selection and Surgical Techniques in the Athlete. Virtual Hilton Head 2021 Advances in Sports Medicine Course. May, 2021.

Chilelli BJ, Noyes FR, Parikh S, Heckmann T, Davies G, Paine R. Modern Concepts in Treating ACL Injuries. Case Presentations Panel Member. Virtual Hilton Head 2021 Advances in Sports Medicine Course. May, 2021.

Chilelli BJ, Noyes FR, Scaglione NA, Lattermann C. Introduction to Meniscal Injuries and Meniscal Root Tears. Presentation and Moderator, American Academy of Orthopaedic Surgeons (AAOS). Meniscal Injuries of the knee: Evaluation and Management. July 20, 2021.

Chilelli BJ, The Tight Knee: How I Get in Without Damaging Critical Structures. American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration Surgical Skills Course. Rosemont, IL. October 7 - 9, 2021.

Chilelli BJ, Zazlav KR. Matrix-assisted autologous chondrocyte implantation: Introduction and surgical technique. Surgical Demonstration, American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration Surgical Skills Course. Rosemont, IL. October 7 - 9, 2021.

Chilelli BJ. Patella Instability, Maltracking and Pain: A Case-Based Presentation. Panel member, American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration Surgical Skills Course. Rosemont, IL. October 7 - 9, 2021.

Chilelli BJ. Articular Cartilage, Meniscal Repair or Resection: Management and Decision-Making. Panel member, American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration Surgical Skills Course. Rosemont, IL. October 7 - 9, 2021.

Chilelli BJ, Caldwell P, Sherman SL, Frank R. Evaluation and Preoperative planning. Arthroscopy Association of North America (AANA) Fellowship Education Webinar Series, Cartilage Restoration. March 29, 2022.

Chilelli BJ, Patel RM, Flanigan D. Why Stages Treatment for Cartilage Pathology. Vericel MACI: Work or ART program virtual event. Work of ARthroscopy. April 19, 2022.

Chilelli BJ. ACL Graft Choices for the Young Athlete. Podium presentation. Arthroscopy Association of North America (AANA) Annual Meeting, San Francisco, CA. May 19 2022.

Chilelli BJ. Meniscal Repair Techniques. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 28-31, 2022.

Chilelli BJ. MCL Injuries: Diagnosis and Treatment. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 28-31, 2022.

Chilelli BJ. Cartilage Restoration Techniques. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 28-31, 2022.

Chilelli BJ. Noyes FR, Heckmann TP, Davies GJ, Paine RM, Jasontek J. Knee Club: Presentation of Interesting and Complex Knee Cases. Panel Member. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 28-31, 2022.

Chilelli BJ, Noyes FR, Scaglione NA, Bonner KF. Presentation and Moderator, American Academy of Orthopaedic Surgeons (AAOS) webinar. Complex Revision ACL Cases I Encounter Too Frequently. July 20, 2022.

Chilelli BJ, Hevesi M. Matrix-assisted autologous chondrocyte implantation: Introduction and surgical technique. Surgical Demonstration. Arthroscopy Association of North America (AANA), Advanced Knee Course. Rosemont, IL. September 9-10, 2022.

Chilelli BJ, Nuelle CW, Meininger AK. Matrix-assisted autologous chondrocyte implantation: Introduction and surgical technique. Surgical Demonstration, American Academy of Orthopaedic Surgeons (AAOS)Advanced Techniques in Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More Course. Rosemont, IL. October 13-15, 2022.

Chilelli BJ. Biologic Augmentation of White-Red Meniscal Repairs: Current Options and What is the Evidence? Podium presentation. American Academy of Orthopaedic Surgeons (AAOS)Advanced Techniques in Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More Course. Rosemont, IL. October 13-15, 2022.

Chilelli BJ. Revision ACL-Considerations to Maximize Successful Outcomes. Podium presentation. American Academy of Orthopaedic Surgeons (AAOS)Advanced Techniques in Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More Course. Rosemont, IL. October 13-15, 2022.

Chilelli BJ. Orthobiologics Injections in the Knee (BMAC, Amniotic, Fat): What's Appropriate Based on the Evidence? Podium presentation. American Academy of Orthopaedic Surgeons (AAOS)Advanced Techniques in Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More Course. Rosemont, IL. October 13-15, 2022.

Chilelli BJ. Meniscal Repair Techniques. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Role of Orthobiologics in Muscle and Tendon Injuries: Effectiveness and Contraindications. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. ACL Revision: Indications and Surgical Technique. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Lateral Extra-Articular Procedures: Indications and Techniques. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Cartilage Restoration Techniques: What Really Works in 2023. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Orthobiologics for Treatment of Osteoarthritis: What is the Evidence. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Meniscal Repair Techniques. Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Chilelli BJ. Evolving Technique Video Update: How I Do My Extra-Articular LET Lateral Augmentation. Podium presentation, Orthopaedic Summit Evolving Techniques (OSET), Boston, MA. September 20, 2023.

Chilelli BJ. Osteoarticular Autograft Transfer (OATS): Why Mess With What's Best? Podium presentation, Orthopaedic Summit Evolving Techniques (OSET), Boston, MA. September 21, 2023.

Chilelli BJ. It's Cartilage, Will It Heal - Let's Fight It Out, What To Choose. Panel member, Orthopaedic Summit Evolving Techniques (OSET), Boston, MA. September 21, 2023.

Online video presentations

Chilelli BJ. Presentor. "Meniscal Repair Techniques".

<https://www.vumedi.com/video/meniscal-repair-techniques/>

Chilelli BJ. Presentor. "MCL Injuries: Diagnosis and Treatment".

<https://www.vumedi.com/video/mcl-injuries-diagnosis-and-treatment/>

Chilelli BJ. Presentor. "Orthobiologics: Orthobiologic Management of Degenerative Joint Disease of the Knee". <https://www.vumedi.com/video/orthobiologics-orthobiologic-management-of-degenerative-joint-disease-of-the-knee/>

Chilelli BJ. Presentor. "Cartilage Restoration Techniques: A 2022 Update".

<https://www.vumedi.com/video/cartilage-restoration-techniques-a-2022-update/>

Chilelli BJ. Presentor. "Meniscus Root Tears: Clinical Experience and Techniques". VuMedi. 2022 January 3. <https://www.vumedi.com/video/meniscus-root-tears-clinical-experience-and-techniques-2/>

Chilelli BJ. Presentor. "2021 Update on ACL Graft Selection and Surgical Techniques in the Athlete". <https://www.vumedi.com/video/2021-update-on-acl-graft-selection-and-surgical-techniques-in-the-athlete-3/>

Chilelli BJ. Presentor. "2021 Update on Knee Articular Cartilage Restoration Techniques". <https://www.vumedi.com/video/2021-update-on-knee-articular-cartilage-restoration-techniques-2/>

National Faculty Appointments/Invitations

Articular Cartilage Disease and Meniscal Deficiency: Instructional Course Lecture. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting. Las Vegas, NV. March 24, 2015.

Articular Cartilage Disease and Meniscal Deficiency: Instructional Course Lecture. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting. Orlando, FL. March 4, 2016.

American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration: The Modern Frontier. Rosemont, IL. March 31-April 2, 2016.

Orthopaedic Summit Course. Evolving Techniques (OSET). Las Vegas, NV. December 6-9, 2017.

Arthroscopy Association of North America (AANA), Knee and Shoulder - Design your own course (APEX), Rosemont, IL. November 9-11, 2018.

American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration: Current, Emerging, and Advanced Techniques. Rosemont, IL. February 7-9, 2019.

American Academy of Orthopaedic Surgeons (AAOS) webinar. Meniscus root tears. June 17, 2019.

Arthroscopy Association of North America (AANA), Advanced Knee Ligament, Meniscus and Articular Cartilage, Rosemont, IL. November 1-3, 2019.

American Academy of Orthopaedic Surgeons (AAOS) webinar. Articular cartilage injuries of the knee: evaluation and management. May 21, 2020.

Arthroscopy Association of North America (AANA), Advanced Knee and Shoulder Course (APEX), Rosemont, IL. November 14-15, 2020.

Arthroscopy Association of North America (AANA), Advanced Knee and Shoulder Course (APEX), Rosemont, IL. April 24-25, 2021.

Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Virtual. May, 2021.

Arthroscopy Association of North America (AANA), Comprehensive Advanced Knee Arthroscopy, Rosemont, IL. June 12 - 13, 2021.

American Academy of Orthopaedic Surgeons (AAOS) webinar. Meniscal Injuries of the knee: Evaluation and Management. July 20, 2021.

American Academy of Orthopaedic Surgeons (AAOS) Articular Cartilage Restoration Surgical Skills Course. Rosemont, IL. October 7 - 9, 2021.

Arthroscopy Association of North America (AANA) Fellowship Education Webinar Series, Cartilage Restoration. March 29, 2022.

Vericel MACI: Work or ART program virtual event. Work of ARthroscopy. April 19, 2022.

Arthroscopy Association of North America (AANA) Annual Meeting, San Francisco, CA. May 18-21 2022.

Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 28-31, 2022.

American Academy of Orthopaedic Surgeons (AAOS) webinar. Complex Revision ACL Cases I Encounter Too Frequently. July 20, 2022.

Arthroscopy Association of North America (AANA), Advanced Knee Course. Rosemont, IL. September 9-10, 2022.

American Academy of Orthopaedic Surgeons (AAOS) Advanced Techniques in Knee: Cartilage, Ligaments, Osteotomy, Meniscus, and More Course. Rosemont, IL. October 13-15, 2022.

Cincinnati Sports Medicine and Orthopaedic Center: Advances on the Knee, Shoulder, Hip, and Sports Medicine Course. Hilton Head, SC. May 27-30, 2023.

Orthopaedic Summit Course. Evolving Techniques (OSET). Boston, MA. September 20-23, 2023.

