

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 Residency in Orthopaedic Surgery	July 2008 - July 2013
Brigham and Women's Hospital, Harvard Medical School Boston, MA Fellowship in Sports Medicine	Aug 2013 - July 2014

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 Orthopaedics 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

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

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 of Ohio University
Team physician for Division I FBS football and athletics

2021 - present

Clinical Interests

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

Publications

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**, Makowic 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.

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.

