

Stephanie Watson Mayer, MD

Education and Surgical Training:

Texas Christian University

- Bachelor of Science, Biology, Cum Laude

Univ. of Texas Health Science Center San Antonio School of Medicine

- Doctor of Medicine

Duke University Medical Center

- Orthopaedic Surgery Residency

Children's Hospital Colorado

- Pediatric Orthopaedic Surgery Fellowship

Hospital for Special Surgery

- Sports Medicine and Shoulder Surgery Fellowship

Leadership, Committees, and Teams:

Fort Worth ISD Mentor Program

4 year Varsity Letter Winner, Texas Christian University Volleyball

- Team Captain 2002

President, Orthopaedic Interest Group, Univ. of Texas HSC at San Antonio

American Medical Womens Association, Medical Student Mentor

Course Instructor, Anatomy of the Lower Extremities, Duke University

Duke Orthopaedic Journal

- Founding and Chief Editor 2010-2011
- Chief Editor 2011-2012
- Section Editor 2012-2013

Feagin Medical Leadership Scholar

American Orthopaedic Association Emerging Leaders Program

Resident and Fellow Education Committee Children's Hospital Colorado 2014 - 2018

Education and Social Media Committee, ROCK Study Group 2017 – present

Industry Relations Committee, Pediatric Orthopaedic Society of North America 2016 - 2018

Membership Committee, Pediatric Research in Sports Medicine 2018-2019

Fellowship Education Committee, American Orthopedic Society for Sports Medicine 2018 – present

Marketing and Web Development Committee University of Colorado 2019- present

Quality Safety Value Initiative for Sports Medicine Surgery Committee, Pediatric Orthopaedic Society of North America, 2019 – present

Current Hospital Appointments:

Associate Professor of Orthopaedic Surgery, University of Colorado

Associate Professor of Orthopaedic Surgery, Children's Hospital Colorado

Director, Hip Preservation Program, Children's Hospital Colorado

Licensure and Board Certification:

2017-Current Board Certified, American Board of Orthopaedic Surgery

2015-Current DEA license

2015-Current CO Medical License

Professional Society Membership:

Alpha Omega Alpha
American Academy of Orthopaedic Surgeons
Arthroscopy Association of North America
Piedmont Orthopaedic Society
Pediatric Orthopaedic Society of North America
Southern Orthopaedic Association
American Orthopaedic Society for Sports Medicine
Pediatric Research in Sports Medicine Society
International Society for Hip Arthroscopy
Research in Osteochondritis of the Knee Study Group

Team Coverage

Duke University Volleyball
Duke University Football
Duke University Mens and Womens Basketball
Duke University Womens Soccer
Duke University Womens Lacrosse
North Carolina Central University Football
North Carolina Central University Mens and Womens Basketball
New York Liberty
New York Knicks
ADAMS-12 Public School Sports Medicine Physician
3D Lacrosse, Rush Soccer, Storm Soccer Club Sports Medicine Physician
University of Denver
Colorado Avalanche Professional Hockey Club
Medical Director, Gold Crown Athletics

Scientific Presentations:

- 10/10 Understanding Hip Impingement: Where Does the Femoral Neck Contact the Acetabulum? North Carolina Orthopaedic Association, Asheville, NC
- 11/10 Understanding Hip Impingement: Where Does the Femoral Neck Contact the Acetabulum? OREF / ORS Atlantic Coast Resident Research Symposium, Durham, NC
- 9/11 The influence of thumb rotation on the clinical examination of ulnar collateral ligament injuries of the metacarpophalangeal joint – A biomechanical study in a cadaver model. E-Poster: American Society for Surgery of the Hand, Las Vegas, NV
- 10/11 The influence of thumb rotation on the clinical examination of ulnar collateral ligament injuries of the metacarpophalangeal joint – A biomechanical study in a cadaver model. North Carolina Orthopaedic Association, Kiawah Island, SC
- 5/12 The influence of thumb rotation on the clinical examination of ulnar collateral ligament injuries of the metacarpophalangeal joint – A biomechanical study in a cadaver model

- and correlation to the results of a survey of the ASSH. Piedmont Orthopedic Society, Key Largo, FL
- 7/12 Comparison of Non-Contoured and Pre-Contoured Plates for First Metatarsophalangeal Joint Arthrodesis. Southern Orthopaedic Association, White Sulphur Springs, VA
 - 3/13 Can We Justify the Use of Pre-Contoured Plates for First Metatarsophalangeal Joint Arthrodesis? American Academy of Orthopaedic Surgeons, Chicago, IL
 - 3/13 Can We Justify the Use of Pre-Contoured Plates for First Metatarsophalangeal Joint Arthrodesis? American Orthopaedic Foot and Ankle Society Specialty Day, Chicago, IL
 - 5/14 Circular External Fixation for Correction of Deformity In Blount Disease. Pediatric Orthopaedic Society of North America, Hollywood, CA
 - 7/14 Comparison Of Clinical Testing And Functional Movement Testing In Patients Following Anterior Cruciate Ligament Reconstruction: Improving Return To Sport Guidelines. Southern Orthopaedic Association, Beaver Creek, CO
 - 7/14 Circular External Fixation for Correction of Deformity In Blount Disease. Southern Orthopaedic Association, Beaver Creek, CO
 - 3/15 Intra-articular Injury Patterns Following Traumatic Posterior Hip Dislocation in Pediatric Patients. Poster Presentation: American Academy of Orthopaedic Surgeons, Las Vegas, NV
 - 4/15 Intra-articular Injury Patterns Following Traumatic Posterior Hip Dislocation in Pediatric Patients. Poster Presentation: Pediatric Orthopaedic Society of North America, Atlanta GA
 - 4/15 Cam Deformity is Associated with Sports Related Traumatic Posterior Hip Dislocation. Poster Presentation: Pediatric Orthopaedic Society of North America, Atlanta GA
 - 4/15 Patient Characteristics and Functional Outcomes of Combined Arthroscopic Labral Re-Fixation and Periacetabular Osteotomy for Symptomatic Acetabular Dysplasia. Pediatric Orthopaedic Society of North America, Atlanta, GA
 - 9/15 Patient Characteristics and Functional Outcomes of Combined Arthroscopic Labral Re-Fixation and Periacetabular Osteotomy for Symptomatic Acetabular Dysplasia. International Society for Hip Arthroscopy, Cambridge, UK
 - 9/15 Psoas Tunnel Perforation During Hip Arthroscopy: A Previously Unreported Complication. International Society for Hip Arthroscopy, Cambridge, UK
 - 9/15 Evaluation of Demographics, Hip Morphology, Intra-articular Injury Patterns and Outcomes in Competitive Lacrosse Players Undergoing Hip Arthroscopy for Femoroacetabular Impingement. Poster Presentation: International Society for Hip Arthroscopy, Cambridge, UK

- 9/15 Etiology of Hip Injuries in Major League Baseball. Poster Presentation: International Society for Hip Arthroscopy, Cambridge, UK
- 1/16 Hip Arthroscopy with Femoral Osteochondroplasty in Adolescents: Clinical and Radiographic Outcomes and the Incidence of Cam Recurrence. Pediatric Research In Sports Medicine, San Diego, CA
- 1/16 Femoroacetabular Impingement Morphology is Associated with Posterior Hip Instability in Children and Adolescents. Poster Presentation: Pediatric Research In Sports Medicine, San Diego, CA
- 3/16 Mayer SW, Krazewski A, Kontaxis A, Warren R. The Effect of Capsular Plication on the Translation and Rotation of the Glenohumeral Joint. Poster Presentation: Orthopedic Research Society, Orlando FL
- 4/16 Mayer SW, Mayo MM, Kestel L, Carry P, Novais, EN. Return to Sports Following Surgical Hip Dislocation for Femoroacetabular Impingement. Pediatric Orthopaedic Society of North America, Indianapolis, IN
- 4/16 Mayer SW, Fields K, Tetreault D, Wentzel CS, Coleman S, Kelly BT. Evaluation of Demographics, Hip Morphology, Intra-articular Injury Patterns and Outcomes in Competitive Lacrosse Players Undergoing Hip Arthroscopy. Poster Presentation: Arthroscopy Association of North America, Boston, MA
- 4/16 Mayer SW, Krazewski A, Kontaxis A, Warren R. The Effect of Capsular Plication on the Translation and Rotation of the Glenohumeral Joint. Poster Presentation: Arthroscopy Association of North America, Boston, MA
- 4/16 Mayer SW, Fields K, Wagner N, Wentzel CS, Potter H, Burge A, Kelly BT, Lyman S. Quantitative MRI Evaluation of Articular Cartilage Using T2 Mapping Following Hip Arthroscopy for Femoroacetabular Impingement. Poster Presentation: Arthroscopy Association of North America, Boston, MA
- 7/16 Mayer SW, Fields K, Wagner N, Wentzel CS, Potter H, Burge A, Kelly BT, Lyman S. Quantitative MRI Evaluation of Articular Cartilage Using T2 Mapping Following Hip Arthroscopy for Femoroacetabular Impingement. Poster Presentation: American Orthopaedic Association for Sports Medicine, Colorado Springs, CO
- 1/17 Mayer SW, Skelton A, Carry P. Comparison Of Side To Side Hip Morphology In Patients With Unilateral Symptomatic Femoroacetabular Impingement. Poster Presentation: Pediatric Research in Sports Medicine, Dallas, TX
- 3/17 Mayer SW, Kestel L, Skelton A, Carry P. Comparison of Morphologic Characteristics Between Symptomatic and Asymptomatic Hips with Femoroacetabular Impingement. American Academy of Orthopaedic Surgeons, San Diego, CA
- 5/17 Mayer SW, Kestel L, Skelton A, Carry P. Side-to-Side Differences in Femoral Torsion are Increased in Patients with Unilateral as Compared to Bilateral Symptomatic FAI.

Poster Presentation, Pediatric Orthopaedic Society of North America/European Pediatric Orthopaedic Society Combined Meeting, Barcelona, Spain.

- 5/17 Mayer SW, Axibal D, Ketterman B, Skelton A, Carry P, Miller N. No Difference in Time to Full ROM, Union or Incidence of Complications in a Matched Cohort of Operative versus Non-Operatively Treated Displaced Medial Epicondyle Fractures. Pediatric Orthopaedic Society of North America/European Pediatric Orthopaedic Society Combined Meeting, Barcelona, Spain.
- 5/17 Albright JC, Lepon AK, Pennuto A, Meyers R, Carry P, Mayer SW. Anterior Cruciate Ligament Reconstruction in Pediatric and Adolescent Patients: Quadriceps Tendon Patellar Bone Autograft versus Hamstring Tendon Autograft. Poster Presentation, Pediatric Orthopaedic Society of North America/European Pediatric Orthopaedic Society Combined Meeting, Barcelona, Spain.
- 6/17 Albright JC, Lepon AK, Pennuto A, Meyers R, Carry P, Mayer SW. Anterior Cruciate Ligament Reconstruction in Pediatric and Adolescent Patients: Quadriceps Tendon Patellar Bone Autograft versus Hamstring Tendon Autograft. Poster Presentation, International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine.
- 10/17 Mayer SW, Axibal D, Skelton A, Yen YM, Carry P. Association Between Pelvic Avulsion Fractures and Femoroacetabular Impingement Morphology in Adolescents. International Society for Hip Arthroscopy. Santiago, Chile.
- 10/17 Mayer SW, Skelton A, Yen YM, Carry P, Baldini T, O'Donnell C. The Effect of Femoral Torsion on Loading Characteristics of the Hip Joint: A Cadaveric Study. International Society for Hip Arthroscopy. Santiago, Chile.
- 10/17 Mayer SW, Skelton A, Carry P, Fadell M. Comparison of MRI Sequences for Evaluation of Labral and Cartilage Pathology in the Hip. Poster Presentation. International Society for Hip Arthroscopy. Santiago, Chile.
- 10/17 Mayer, SW, Burge A, Potter H, Kelly BT. Poster Presentation, Interobserver Reliability of Classification Systems During Hip Arthroscopy. International Society for Hip Arthroscopy. Santiago, Chile.
- 1/18 Mayer SW, Axibal DA, Skelton, A, Carry P. Association Between Pelvic Avulsion Fractures and Femoroacetabular Impingement Morphology in Adolescents. Poster Presentation. Pediatric Research in Sports Medicine Annual Meeting.
- 1/18 Mayer SW, Axibal DA, Skelton, A, Carry P. No Difference in Outcomes in Operatively and Non-operatively Treated Medial Epicondyle Fractures in Adolescent Athletes. Poster Presentation. Pediatric Research in Sports Medicine Annual Meeting.

- 4/18 Mayer SW, Skelton, A, Carry P, Baldini T, O'Donnell C. The Effect of Femoral Version on Acetabular Loading Characteristics: A Biomechanical Study. Arthroscopy Association of North America Annual Meeting. Chicago, IL.
- 4/18 Mayer SW, Axibal DA, Skelton, A, Carry P. No Difference in Outcomes in Operatively and Non-operatively Treated Medial Epicondyle Fractures in Adolescent Athletes. Poster Presentation. Arthroscopy Association of North America Annual Meeting. Chicago, IL.
- 5/18 Mayer SW, Axibal DA, Skelton, A, Carry P. No Difference in Outcomes in Operatively and Non-operatively Treated Medial Epicondyle Fractures in Adolescent Athletes. Pediatric Orthopaedic Society of North America Annual Meeting. Austin, TX.
- 10/19 Powell J, Fauser T, Freeman T, Dunn R, Axibal D, Mayer SW. Incidence of Signs of Femoroacetabular Impingement in Adolescents with Developmental Dysplasia of the Hip. ePoster Presentation, International Society for Hip Arthroscopy Annual Meeting. Madrid, Spain.
- 10/19 Fauser T, Powell J, Baldini T, Burnim K, Skelton AM, Erickson M, Mayer S, O'Donnell CM. Utilization of a transverse screw construct in periacetabular osteotomy: does this impact initial fragment stability and version control? ePoster Presentation, International Society for Hip Arthroscopy Annual Meeting. Madrid, Spain.
- 1/20 Powell J, Fauser T, Freeman T, Dunn R, Axibal D, Mayer SW. Incidence of Signs of Femoroacetabular Impingement in Adolescents with Developmental Dysplasia of the Hip. ePoster Presentation, Pediatric Research in Sports Medicine. Phoenix, AZ.
- 1/20 Powell J, Gibly R, Faulk W, Carry P, Mayer SW, O'Donnell CM. Can EOS imaging substitute traditional AP pelvis radiographs? A Comparative study. Podium Presentation, Pediatric Research in Sports Medicine. Phoenix, AZ.
- 3/20 Powell J, Fauser T, Freeman T, Dunn R, Axibal D, Mayer SW. Incidence of Signs of Femoroacetabular Impingement in Adolescents with Developmental Dysplasia of the Hip. Poster Presentation, American Academy of Orthopaedic Surgeons. Orlando, FL. Meeting cancelled due to COVID-19 concerns.
- 4/20 Powell J, Fauser T, Freeman T, Dunn R, Axibal D, Mayer SW. The Incidence of Concomitant Signs of Femoroacetabular Impingement in Patients with Acetabular Dysplasia. Podium Presentation, Annual Orthopedic Day Conference 2020. Aurora, CO. Meeting cancelled due to COVID-19 concerns.

ROCK Study Group (All Members of the ROCK Study Group). Descriptive Epidemiology of Osteochondritis Dissecans of the knee from the Research in

OsteoChondritis Dissecans of the Knee (ROCK) Prospective Cohort. Podium presentation at Sports Subspecialty Day May 2021

MEMO Study Group (All Members of MEMO Study Group). AP, Axial, and External Oblique Views Reliably Measure Medial Epicondyle Displacement Using Corresponding Point Methodology but the Measurements Only Moderate Correlate with True Displacement as Measured by CT Scan. Podium presentation at Pediatric Orthopaedic Society of North America 2021. May 2021

Hovater W, Howell DR, Mayer SW. Activity Specific Differences in Patients Returning to Sport Following Primary Hip Arthroscopy. Podium Presentation, Pediatric Orthopaedic Society of North America Subspecialty Day. Dallas, TX. May 2021

Mayer SW. Biologics in Elbow Injuries. Podium presentation at Pediatric Orthopaedic Society of North America 2021. May 2021.

St. Louis Hip Preservation Course (cancelled due to COVID) 1/2022

PRiSM AOSSM Sports Medicine in the Adolescent Athlete 4/2022

Moderator, Hip Preservation Scientific Session, ISHA 12/2021

Hip Arthroscopy in Adolescents, ICL, ISHA 12/2021

Moderator Scientific Session: Extra Articular Hip Pathology, AANA 5/2022

Medial Epicondyle Fractures in the Pediatric and Adolescent Population – A Multicenter Prospective Analysis of Patient Demographics and Current Treatment Patterns. POSNA 5/2022

Incidence of Intraarticular Shoulder Pathology After Shoulder Dislocation in Adolescents. AANA 2022

Clinical and Surgical ATCs in the Orthopedic Practice. ATCs in the Clinical Practice Society National Meeting. 2/2022

Surgical Treatment of Radial Meniscus Tears, A Necessary Intervention. PRiSM AOSSM Sports Medicine in the Adolescent Athlete Course 4/2022, Chicago, IL

Surgical Reduction and Fixation of Ischial Tuberosity Fractures. PRiSM AOSSM Sports Medicine in the Adolescent Athlete Course 4/2022, Chicago, IL

AOSSM, July 2022, ICL Hip Arthroscopy Challenges

ISHA, October 2022, ICL Revision Labral Surgery

PRiSM, January 2023, ICL Posterior and Lateral Hip Pain

PRiSM, January 2023, PEDIATRIC MENISCUS REPAIR: SAFETY PROFILE BASED ON > 2000 ARTHROSCOPIC MENISCUS REPAIRS

Nutrition and Well Being. Where are We and Where are We Still Learning. ISHA Cape Town, Oct 5 2023

Biologics for Joint Repair or Tissue Augmentation. Labrum, Capsule, Cartilage. The Evidence. ISHA Cape Town, Oct 5 2023

Utilizing Pre-Op Resiliency Scores to Predict Post-Operative Outcomes. ISHA Cape Town, Oct 5 2023

Return to Sport after Hip Arthroscopy in Dancers: A Case Series. ISHA Cape Town, Oct 5 2023

Comparison of Methods in Post Operative Hip Arthroscopy Rehabilitation. ISHA Cape Town, Oct 5 2023

Effect of Pelvic Tilt on Success of Non-Operative Management in Femoroacetabular Impingement Syndrome. ISHA Cape Town, Oct 5 2023

Leukocyte Rich Platelet Rich Plasma for Gluteal Tendinopathy: Patient Reported Outcome Measures. ISHA Cape Town, Oct 5 2023

Effects of Leukocyte-Rich Platelet Rich Plasma on Proximal Hamstring Tendinopathy, an Evaluation of Processing Time, Injection Volume and Patient Reported Outcomes. ISHA Cape Town, Oct 5 2023

Effects of Acetabular Advancement on the Traction Force. ISHA Cape Town, Oct 5 2023

Utilizing Pre-Operative Resiliency Scores to Predict Post-Operative Outcomes Following Hip Arthroscopy in Patients with Femoroacetabular Impingement Syndrome; AAOS Las Vegas 2/2024

Are the Loading Forces on the Acetabulum Different at Various Angles of Pelvic Tilt in a Cadaver Model? ISHA Cape Town, Oct 5 2023

A Comparative Study of Complications and Outcomes of Hip Arthroscopy and Periacetabular Osteotomy Performed as Same Day and Different Day. ISHA Cape Town, Oct 5 2023

Associated Presentations:

- 10/14 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A. Porcine acellular dermal matrix xenograft interposition in massive rotator cuff repairs through use of a mini-open approach. 16th Annual Orthopaedic Research & Education Foundation (OREF)/Orthopaedic Research Society (ORS) Southeast Regional Resident Research Symposium, Columbia, SC
- 4/15 Cordasco, FA, Mayer SW, Nawabi D, DeMille P, Chiara T, McCarthy MM, Green DW. All-Epiphyseal Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients. Arthroscopy Association of North America, Los Angeles, CA
- 6/15 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A Massive rotator cuff tears repaired with interposition porcine xenograft. Eastern Orthopaedic Association, Maui, HI
- 7/15 Cordasco, FA, Mayer SW, Nawabi D, DeMille P, Chiara T, McCarthy MM, Green DW. All-Epiphyseal Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients American Orthopaedic Society for Sports Medicine, Orlando FL
- 7/15 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A Massive rotator cuff tears repaired with interposition porcine xenograft. Southern Orthopaedic Association Annual Meeting, Asheville, NC
- 7/15 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A. Massive rotator cuff tears repaired with interposition porcine xenograft. North Carolina Orthopaedic Association, Kiawah, SC
- 3/16 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A. Interposition Porcine Acellular Dermal Matrix Xenograft Successful Alternative in Treatment for Massive Rotator Cuff. American Academy of Orthopaedic Surgeons, Orlando FL
- 3/16 Newman, J, Reay, K, Zgonis, M, Mayer SW, Toth A. Interposition Porcine Acellular Dermal Matrix Xenograft Successful Alternative in Treatment for Massive Rotator Cuff. American Orthopaedic Society for Sports Medicine Specialty Day, Orlando FL
- 9/16 McConkey, M, Garabekyan, T, Mayer SW, Kraeutler, M, Pascual-Garrido, C, Mei-Dan O. Simultaneous Bilateral Hip Arthroscopy in Adolescent Athletes with Symptomatic Femoroacetabular Impingement. International Society for Hip Arthroscopy, San Francisco, CA
- 3/17 Degen RM, Poultsides L, Mayer SW, Li AE, Coleman SH, Ranawat AS, Nawabi DN, Kelly BT. Anteromedial Anchor Insertion on the Acetabular Rim – The “Danger Zone” of Hip Arthroscopy. Poster Presentation. American Academy of Orthopaedic Surgeons, San Diego, CA
- 5/17 McConkey, M, Garabekyan, T, Mayer SW, Kraeutler, M, Pascual-Garrido, C, Mei-Dan O. Simultaneous Bilateral Hip Arthroscopy in Adolescent Athletes with Symptomatic

- Femoroacetabular Impingement. Arthroscopy Association of North America, Denver, CO.
- 7/17 Axibal DP, Skelton AM, Carry P, Mayer SW. Association Between Pelvic Avulsion Fractures and Femoroacetabular Impingement Morphology in Adolescents. Poster Presentation. Western Orthopedic Society Annual Meeting. Maui, HI.
- 7/17 Axibal DP, Skelton AM, Carry P, Mayer SW. No Difference in Outcomes in Operatively and Non-operatively Treated Medial Epicondyle Fractures in Adolescent Athletes. Poster Presentation. Western Orthopedic Society Annual Meeting. Maui, HI.
- 1/18 Mayer SW, Anatomy of the Quadriceps Tendon. Poster Presentation. Pediatric Research in Sports Medicine Annual Meeting.
- 1/18 Mayer SW, Morphology of the Quadriceps Tendon. Poster Presentation. Pediatric Research in Sports Medicine Annual Meeting.
- 1/18 Mayer SW, Proximity of the Neurovascular Structures to Meniscal Repairs. Poster Presentation. Pediatric Research in Sports Medicine Annual Meeting.
- 1/19 Armento A, Howell D, Gagliardi A, Albright JA, Mayer SW. Psychological Factors Associated With Readiness to Return to Sports Following Anterior Cruciate Ligament Reconstruction. Poster Presentation, Pediatric Research in Sports Medicine Annual Meeting. Atlanta, GA.
- 1/19 Gagliardi AG, Carry PM, Mayer S, Traver JL, Albright JC. Sex-Based Differences in the Outcomes of ACL Reconstruction with the Quadriceps Tendon – Patellar Autograft. Pediatric Research in Sports Medicine Annual Meeting; January 17 – 20, 2019; Atlanta, Georgia.
- 1/19 Wilson P, Yen YM, Mayer SW, Fabricant P, Ellis HB. Trochlear and Patellar Facet Morphology in Pediatric Patients: A Cadaveric Study. Pediatric Research in Sports Medicine Annual Meeting. Atlanta, GA
- 3/19 Gagliardi A, Howell D, Mayer SW, Albright JA. Sex-Based Differences in the Outcomes of ACL Reconstruction with the Quadriceps Tendon – Patellar Autograft. Children's Hospital Colorado Research Symposium.
- 3/19 Powell J, Gibly R, Faulk LW, Mayer SW, O'Donnell C. Can EOS Imaging Substitute for Plain Radiographs in the Evaluation of Acetabular Dysplasia. American Academy of Orthopaedic Surgeons. Las Vegas, NV.
- 4/19 Armento A, Howell D, Gagliardi A, Albright JA, Mayer SW. Psychological Factors Associated With Readiness to Return to Sports Following Anterior Cruciate Ligament Reconstruction. Poster Presentation, Pediatric Research in Sports Medicine Annual Meeting. Aurora, CO.

- 4/19 Armento A, Howell D, Gagliardi A, Albright JA, Mayer SW. Psychological Factors Associated With Readiness to Return to Sports Following Anterior Cruciate Ligament Reconstruction. American Medical Society for Sports Medicine Annual Meeting. Houston, TX.
- 5/19 Powell J, Gibly R, Faulk R, Carry P, Mayer SW, O'Donnell CM. Can EOS imaging substitute traditional AP pelvis radiographs? A Comparative study. Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrsio Diversity Lectureship Annual Meeting. Aurora, CO.
- 5/19 Powell J, Baldini T, Fauser T, Mayer SW, O'Donnell CM. Obliquity of the supra-acetabular cut and its effects on maximum lateral correction and initial fragment stability after periacetabular osteotomy: A cadaveric model. Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrsio Diversity Lectureship Annual Meeting. Aurora, CO.
- 5/19 Fauser T, Powell J, Baldini T, Burnim K, Skelton AM, Erickson M, Mayer S, O'Donnell CM. Utilization of a transverse screw construct in periacetabular osteotomy: does this impact initial fragment stability and version control? Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrsio Diversity Lectureship Annual Meeting. Aurora, CO.
- 5/19 Armento A, Skelton A, Gagliardi A, Howell D, Daoud A, Mayer SW. Pre-operative Competition Level and Expectations of Returning to Sport After Anterior Cruciate Ligament (ACL) Reconstruction in Adolescents. Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrsio Diversity Lectureship Annual Meeting. Aurora, CO.
- 5/19 Mayer SW, Fauser TR, Patrick C, O'Donnell CM, Baldini T. The Effect of Femoral Torsion on Acetabular Loading Characteristics: A Biomechanical Study. Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrsio Diversity Lectureship Annual Meeting. Aurora, CO.
- 5/19 Powell J, Freeman T, Fauser T, Dunn R, Axibal D, Mayer SW. Incidence of Signs of Femoroacetabular Impingement in Adolescents with Developmental Dysplasia of the
- 10/19 Armento A, Albright JA, Gagliardi A, Daoud A, Fauser T, Hovater W, Howell D, Mayer SW. Psychological Factors Associated With Readiness to Return to Sports Following Anterior Cruciate Ligament Reconstruction. Podium Presentation, American Academy of Pediatrics Annual Meeting. New Orleans, LA.
- 2/20 Powell J, Fauser T, Freeman T, Dunn R, Hovater W, Axibal D, Selberg CM, Mayer SW. Incidence of Signs of Femoroacetabular Impingement in Adolescents with

Developmental Dysplasia of the Hip. Poster Presentation, Center for Children's Surgery Symposium. Aurora, CO.

- 3/20 Fauser T, Powell J, Baldini T, Burnim K, Skelton AM, Erickson M, Mayer SW, O'Donnell CM. Utilization of a transverse screw construct in periacetabular osteotomy: does this impact initial fragment stability and version control? Poster Presentation, American Academy of Orthopaedic Surgeons. Orlando, FL. Meeting cancelled due to COVID-19 concerns.
- 3/20 Hovater W, Moore L, Skelton A, Fauser T, Howell DR, Mayer SW. Symptomatic Femoroacetabular Impingement Patients Have Lower Functional Outcomes Compared to Patients with Asymptomatic Femoroacetabular Impingement. Rocky Mountain American Society of Biomechanics. Estes Park, CO. Meeting cancelled due to COVID-19 concerns.

Future Presentations:

Future Associated Presentations:

Regional Presentations:

- 11/15 Femoroacetabular Impingement. Children's Hospital Colorado Advanced Care of the Youth Athlete Symposium. Aurora, CO.
- 4/16 Femoroacetabular Impingement. Children's Orthopedic Day. Children's Hospital Colorado. Aurora, CO.
- 11/16 Upper Extremity Casting and Bracing. Children's Hospital Colorado Advanced Care of the Youth Athlete Symposium. Aurora, CO.
- 4/17 The Effect of Femoral Torsion on Femoroacetabular Impingement. Children's Orthopedic Day. Children's Hospital Colorado. Aurora, CO.
- 9/17 Femoroacetabular Impingement, What Is It and How Do We Treat It? University of Colorado Sports Medicine Symposium. Boulder, CO.
- 9/17 Anatomy of the Hip. University of Colorado Sports Medicine Symposium. Boulder, CO.
- 9/18 What's New in Pediatric Upper Extremity Injuries. University of Colorado Sports Medicine Symposium. Boulder, CO.
- 11/18 Chronic Injuries of the Hip in the Youth Athlete. Children's Hospital Colorado Advanced Care of the Youth Athlete Symposium. Aurora, CO.
- 11/18 Physical Examination of the Hip. Children's Hospital Colorado Advanced Care of the Youth Athlete Symposium. Aurora, CO.

- 4/19 Armento A, Howell D, Gagliardi A, Albright JA, Mayer SW. Psychological Factors Associated With Readiness to Return to Sports Following Anterior Cruciate Ligament Reconstruction Children's Orthopedic Day. Children's Hospital Colorado. Aurora, CO.

Griffith R, Korf J, Freeman TR, McGee J, Hovater W, Fadell M, Mayer SW. The Correlation Between Height and the Natural Progression of the Anterior Cruciate Ligament in the Pediatric Population. Poster Presentation, CU Orthopedic Research Symposium & Dr. D'Ambrosia Diversity Lectureship Annual Meeting. Aurora, CO. Nov2020

Griffith R, Korf J, Freeman TR, McGee J, Hovater W, Fadell M, Mayer SW. The Correlation Between Height and the Natural Progression of the Anterior Cruciate Ligament in the Pediatric Population. ePoster Presentation, Center for Children's Surgery Symposium. Aurora, CO. Feb2021

PRiSM, January 2023, PEDIATRIC MENISCUS REPAIR: SAFETY PROFILE BASED ON > 2000 ARTHROSCOPIC MENISCUS REPAIRS

The Adolescent Athletes Hip. How to Approach and Manage. CU Sports Symposium. Sept 15, 2023

Instructional Course Lectures:

- 1/17 Osteochondritis Dissecans. Pediatric Research in Sports Medicine Annual Meeting, Dallas TX.
- 5/17 Hip Pain in the Pediatric and Adolescent Athlete. Arthroscopy Association of North America. Denver, CO.
- 10/17 Surgical Treatment of Dancers. American Academy of Physical Medicine and Rehabilitation. Denver, CO.
- 1/18 Mayer SW. Quadriceps tendon ACL Reconstruction. Pediatric Research in Sports Medicine Annual Meeting. Fort Lauderdale, FL.
- 4/18 Hip Pain in the Adolescent Athlete. Arthroscopy Association of North America Annual Meeting. Chicago, IL.
- 5/18 Tibial Spine Fractures. Pediatric Orthopaedic Society of North America Annual Meeting. Austin, TX.
- 5/18 Medial Epicondyle Fractures. Pediatric Orthopaedic Society of North America Annual Meeting. Austin, TX.
- 11/18 Surgical Treatment of Musculoskeletal Pathology in Dancers. City of Arts Dance Medicine Conference. Wake Forest, NC.

- 1/19 Management of Complex Shoulder Injuries. Pediatric Research in Sports Medicine Annual Meeting. Atlanta, GA.
- 3/19 Management of Pediatric Fractures. American Academy of Orthopedic Surgeons Annual Meeting, Las Vegas, NV.

CU Sports Medicine Symposium Sept 2022, Shoulder Instability in the Youth Athlete

Future Instructional Course Lectures:

Scientific Publications:

Published:

Adams SB Jr, Mayer SW, Hamming MG, Zura RD. Femoral neck fracture in association with low-energy pelvic ring fractures in an elderly patient. *Am J Emerg Med.* 2010 Jul;28(6):746. e1-3.

Mayer SW, Hug K, Hansen B, Bolognesi MP. Total Knee Arthroplasty in Osteopetrosis Using Patient Specific Instrumentation. *J Arthroplasty.* 2012 Sep;27(8):1580. e1-4.

Mayer SW, Wellman SS, Bolognesi MP, Attarian DE. Late Liner Dissociation of a Pinnacle Acetabular Cup: Case Report and Review of the Literature. *Orthopedics.* 2012 Apr;35(4):e561-5.

Mayer SW, Mayer BK, Lark RK, Aldridge JM, Urbaniak JR, Fitch RD. Osteonecrosis of the Femoral Head in Childhood Malignancy. *J Child Orthop.* 2013;7(2):111-116.

Wittstein, JR. Mayer SW, Mayer B, Krenzel B, Deshpande C, Zura R. Distal Femoral Locking Plates and the Posterolateral Corner. *J Knee Surgery.* 2013;26:441-4.

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