

CURRICULUM VITAE

Scott Douglas Mair
Professor, Special Title Series
Department of Orthopaedic Surgery
Division of Sports Medicine
University of Kentucky Medical Center

GENERAL INFORMATION

Office Address: University of Kentucky Division of Sports Medicine
K401 Kentucky Clinic
740 S. Limestone St.
Lexington, KY 40536-0284

Phone: (859) 218-3064
(859) 257-8696 (fax)

Born: March 3, 1965, Rochester, Minnesota

Specialty Board: 2000 American Board of Orthopaedic Surgery
2010 American Board of Orthopaedic Surgery, recertified
2010 American Board of Orthopaedic Surgery, Sports Medicine Subspecialty

Licensure: 1998 Kentucky

EDUCATION

1983 – 1987 B.S., Stanford University, Stanford, California

1987 – 1991 M.D., Duke University School of Medicine, Durham, North Carolina

1991 - 1992 Intern, General and Thoracic Surgery
Duke University Medical Center, Durham, North Carolina

1992 - 1993 Junior Assistant Resident, General and Thoracic Surgery
Duke University Medical Center, Durham, North Carolina

1993 - 1997 Resident, Orthopaedic Surgery, Division of Orthopaedic Surgery
Duke University Medical Center, Durham, North Carolina

1997 - 1998 Sports Medicine and Shoulder Fellow, Steadman-Hawkins Clinic, Vail,

Colorado

PROFESSIONAL EXPERIENCES

1983 -1986 Data Analyst, Department of Medical Biostatistics, Mayo Clinic,
Rochester, Minnesota, June-September

ACADEMIC APPOINTMENTS

1998- 2004 Assistant Professor, Department of Surgery, Section of Sports Medicine
University of Kentucky College of Medicine, Lexington, KY

2004- 2012 Associate Professor, Chief of Shoulder Service, Department of Orthopaedic
Surgery, Division of Sports Medicine, University of Kentucky College of
Medicine, Lexington, KY

2012- present Professor, Chief of Shoulder Service, Department of Orthopaedic Surgery,
Division of Sports Medicine, University of Kentucky College of
Medicine, Lexington, KY

2006 – present Associate Membership in the Graduate Faculty for the Rehabilitation
Sciences and Athletic Training Program, University of Kentucky,
Lexington, KY

HOSPITAL OR CLINICAL APPOINTMENTS

1998 - present University of Kentucky Medical Center, Lexington, KY

1998 – present Lexington VA Medical Center, Lexington, KY

1998 – 2006 Highlands Regional Medical Center, Prestonsburg, KY

2003 – 2012 St. Claire Medical Center, Morehead, KY

2004 – 2008 Georgetown Community Hospital, Georgetown, KY

2008 – 2010 Harrison Memorial Hospital, Cynthiana, KY

TEACHING ACTIVITY

1994-1996 Orthopaedic Basic Skills Course, Duke University
Durham, North Carolina, July
Examination of the Hip, Knee, and Ankle

- 1995 Graduate Teaching Fellow of Human Anatomy, Division of Orthopaedics and Department of Anatomy/Anthropology, Duke University, Spring semester
Anatomy of the Back and Extremities
- 1995 Teaching Assistant, Duke University undergraduate course
Durham, North Carolina, Spring semester
Anatomy of the Extremities
- 1996 Orthopaedic Basic Skills Course, Duke University,
Durham, North Carolina, July
Examination of the Lumbar Spine
- 1998-present Resident/fellow training in clinic and operating room - daily
Resident/fellow conferences – weekly

ADVISING ACTIVITY

GRADUATE STUDENT

Tracy Spiegelman, PhD candidate 2006-2008

MEDICAL STUDENTS

David Ritchie 2009-12
Chase Kluemper 2011-14

ADMINISTRATIVE ACTIVITY AND UNIVERSITY SERVICE

1998-2003 UK Orthopaedic Basic Science Committee, Director of Anatomy
1999-present University of Kentucky Sports Medicine Fellowship Program, Education Director
2000-present Physician Advisory Committee for the Advanced Surgery Center
2001 UK MRISC Six-year Review Committee
2001-2004 UK Orthopaedic Clinic Improvement Committee
2005-2006 UK Billing and Guidelines Compliance Committee
2006-present Executive Council, UK Department of Orthopaedic Surgery and Sports Medicine
2006-2011 Chairman, University of Kentucky Orthopaedic Research Committee
2008-present Medical Director, University of Kentucky sports medicine clinic
2009-present Fellowship Director, University of Kentucky sports medicine fellowship
2009-present UK College of Medicine Appointment, Promotion, and Tenure Committee
2011 UK Department of Surgery Six-year Review Committee
2019 UK CCTS Pilot Funding Grant Review Committee

SPECIAL ASSIGNMENTS

TEAM COVERAGE

1993-1994 Resident Team Physician Coverage, Varsity Sports, North Carolina Central University

1994-1995 Coordinator of Resident Team Physician Coverage, Varsity Sports, North Carolina Central University

1995-1996 Coordinator of Resident Team Physician Coverage, Varsity Sports, Duke University

1997-1998 Assistant Team Physician, Eagle Valley High School, Gypsum, Colorado

1998 Training Camp Physician, Denver Broncos Football Club, Greeley, Colorado

1998-present Team Physician, University of Kentucky

1998-2001 Team Physician, Kentucky Thoroughblades professional hockey club

1998-present Team Physician, Kentucky State University

1998-1999 Training Camp Physician, San Jose Sharks Hockey Club, September

2001-2002 Team Physician, Georgetown College

2002-2003 Team Physician, Lexington Men-O-War professional hockey club

2003-2014 Team Physician, Morehead State University

2009-2010 Team Physician, Bluegrass Stallions professional basketball team

2016-present Team Physician, Georgetown College

2017 Team Physician, USA Basketball U-19 team, Cairo, Egypt

AWARDS AND HONORS

1983-87 Undergraduate: Phi Beta Kappa
Graduation with distinction
Highest Departmental Honors (Biological Sciences)

1987-91 Medical School: Graduation in top 20% of class

1995 American Orthopaedic Association - Zimmer Resident Travel Award
Presented at the American Orthopaedic Association, 108th Annual Meeting, in White Sulphur Springs, West Virginia, June 1995.

3M Award for Orthopaedic Research
Mair SD, Montella BJ, Garrett WE Jr.: Chondral and Meniscal Injuries in the ACL-Deficient Knee - A Comparison of Early and Late Reconstruction.
Presented at the American Orthopaedic Society for Sports Medicine,

21st Annual Meeting, in Toronto, Canada, July 1995.

International Olympic Committee Medical Commission Chairman's Award
Speer KP, **Mair SD**: Posterior Labral Injuries in Contact Athletes.
Presented at the Third International Olympic Committee World Congress
on Sports Sciences, in Atlanta, Georgia, September 1995.

1997 Chief Resident Research Award
Presented at J. Leonard Goldner Day, Duke University Division of Orthopaedic
Surgery, in Durham, North Carolina, May 1997.

American Journal of Sports Medicine – Jack Hughston Award for
Best Paper of 1996

Mair SD, Seaber AV, Glisson RR, Garrett WE, Jr.: The Role of Fatigue in
Susceptibility to Acute Muscle Strain Injury.

Presented at the American Orthopaedic Society for Sports Medicine,
23rd Annual Meeting, in Sun Valley, Idaho, June 1997.

1999 American Academy of Orthopaedic Surgery – Committee on Electronic
Media Education Award for Best Instructional Video
Mair SD, Oates K, Viola RW, Hawkins RJ: Scapulothoracic Arthrodesis.
Presented at the American Academy of Orthopaedic Surgeons,
66th Annual Meeting, in Anaheim, California, February 1999.

American Orthopaedic Society for Sports Medicine –
Aircast Award for Clinical Science

Mair SD, Schlegel TF, Gill TJ, Hawkins RJ, Steadman JR:

Incidence and Location of Bone Bruises After Acute Posterior Cruciate
Ligament Injury.

Presented at the American Orthopaedic Society for Sports Medicine
25th Annual Meeting, in Traverse City, Michigan, June 1999.

2005 Who's Who in Medical Sciences Education, Academic Keys.

2007-present Best Doctors in America

AWARD NOMINATIONS

1999 Charles Neer Award, American Shoulder and Elbow Surgeons
Mair SD, Kuhn JE, Gill TJ, Hawkins RJ: Treatment and Outcome After Rotator
Cuff Repair Complicated by Infection.
Presented at the American Shoulder and Elbow Surgeons, 15th Open
Meeting, Anaheim, California, February 1999.

2001 Rusty Hip Award, Kentucky Orthopaedic Society

Robbe RL, **Mair SD**, Uhl TL, Muldoon KA: Correlation of Proximal Humerus Physeal Changes and Symptoms in Skeletally Immature Throwers. Presented at the Kentucky Orthopaedic Society, Annual Meeting, White Sulphur Springs, West Virginia, August 2001.

PROFESSIONAL ACTIVITY AND PUBLIC SERVICE

PROFESSIONAL MEMBERSHIPS

1997	Piedmont Orthopedic Society
1998	Hawkins Shoulder Society
1999	Kentucky Orthopaedic Society
1999	American Orthopaedic Society for Sports Medicine
1999 - 2008	Kentucky Medical Association
2001 - 2004	American College of Sports Medicine
2001	Southern Orthopaedic Association
2002	American Academy of Orthopaedic Surgeons
2003	Arthroscopy Association of North America
2006	American Shoulder and Elbow Surgeons
2011	American Orthopaedic Association

POSITIONS HELD IN PROFESSIONAL SOCIETIES

2003 - 2009	Council of Delegates, American Orthopaedic Society for Sports Medicine
2006-present	Council of Delegates, Southern Orthopaedic Association
2007-09, 16	Southern Orthopaedic Association, Nominating Committee
2008-2012	Kentucky Orthopaedic Society, Board of Directors, Member-at-Large
2009-2012	American Orthopaedic Society for Sports Medicine, Meeting Program Committee
2012-2015	American Shoulder and Elbow Surgeons, Research Committee
2011-2013	American Shoulder and Elbow Surgeons, Social Media Development Committee
2012	OREF/ASES Rockwood Clinical Research Grant Selection Committee
2013-present	Southern Orthopaedic Association/SEC Physician's Meeting, Program Chair
2013-2017	Southern Orthopaedic Association, Annual Meeting Program Committee
2016	Southern Orthopaedic Association, Annual Meeting Program Chair
2016-present	American Shoulder and Elbow Surgeons, Exchange Fellowship Committee
2016-2017	American Shoulder and Elbow Surgeons, Annual Program Committee
2017-present	Southern Orthopaedic Association, Board Member

EDITORIAL CONSULTANT / REVIEWER

1998-present	American Journal of Sports Medicine
2004-present	Journal of Bone and Joint Surgery
2006-present	Journal of Sports Rehabilitation
2007-present	Journal of Shoulder and Elbow Surgery
2012-present	Journal of Orthopaedic Trauma
2013-present	Clinical Journal of Sports Medicine

2015-present The Physician and Sports Medicine
2015-present Current Orthopaedic Practice
2015-present Orthopaedic Journal of Sports Medicine
2016-present Journal of Bone and Joint Surgery Case Connector

SPEAKING ENGAGEMENTS

INVITED LECTURESHIPS

Local

Steadman-Hawkins Visiting European Physicians Arthroscopy Course,
Vail, Colorado, August 1997
Graft choices in ACL surgery
Laboratory instructor

EBI Instructional Course – High Tibial Osteotomy
Vail, Colorado, August 1997
Laboratory instructor

Steadman-Hawkins Visiting Asian Physicians Arthroscopy Course,
Vail, Colorado, September 1997
Graft choices in ACL surgery
Laboratory instructor

Surgical Dynamics Arthroscopic Techniques Course,
Vail, Colorado, June 1998
Laboratory instructor

EBI Instructional Course – High Tibial Osteotomy and Tibial Plateau Fractures
Vail, Colorado, July 1998
Laboratory instructor

Family Medicine 30th Annual Review Course,
Lexington Kentucky, February 1999
Common Shoulder Problems in the Elderly

Kentucky Academy of Family Physicians,
Lexington Kentucky, March 1999
Shoulder Dysfunction in the Elderly

Family Medicine 30th Annual Review Course,
Lexington Kentucky, May 1999
Common Shoulder Problems in the Elderly

1st Annual University of Kentucky Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 1999

Rotator Cuff Problems in the Throwing Athlete
The Throwing Athlete- Instability
Common Overuse Injury of the Upper Extremity

University of Kentucky Advanced Student Athletic Trainer Camp,
Lexington, Kentucky, July 1999
Evaluation of Shoulder Injuries

Family Medicine 30th Annual Review Course,
Lexington, Kentucky, November 1999
Common Shoulder Problems in the Elderly

2nd Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 19-20, 2000
Shoulder Instability and Labral Injuries-Arthroscopic Techniques

Kentucky Sports Medicine, 13th Annual Fall Sports Medicine Symposium
Lexington, Kentucky, November, 2000
Cervical Spine Injury in High School Football Players

UK Baseball Coaches Symposium
Lexington, Kentucky, February 2001
Prevention of Shoulder Injury in the Young Throwing Athlete

3rd Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 2001
Little League Study Outcomes

Bluegrass Orthopaedic Society
Lexington, Kentucky, November 5, 2001
Arthroscopic and Open Bankart Repair

Kentucky Sports Medicine, 14th Annual Fall Sports Medicine Symposium
Lexington, Kentucky, November 17, 2001
Injuries and Adaptations in the Skeletally Immature Shoulder

4th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 17-18, 2002
Shoulder Instability in Athletes

Kentucky Sports Medicine
15th Annual Fall Sports Medicine Symposium
Lexington, Kentucky, October 5, 2002
Basketball Injuries

5th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 16-17, 2003

Program director, moderator and speaker
Shoulder Physical Examination & Diagnosis of Injuries

6th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 14-15, 2004
Treatment of Acromioclavicular Sprains in Athletes

7th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 19-20, 2005
Treatment of Shoulder Multi-Directional Instability

8th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 12-13, 2006
Evaluation and Treatment of Posterior Shoulder Instability
Moderator

9th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 2007
Common Shoulder Injuries in Overhead Throwers

10th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 16 – 17, 2008
Shoulder Dislocations – What to do When
Symposium Co-Director

11th Annual UK Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 15-16, 2009
Symposium Co-director
Management of Partial Rotator Cuff Tears

12th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 14-15, 2010
Symposium Director
Shoulder Labral Injuries – Not all Managed the Same

13th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 20, 2011
Symposium Director
Management of the In-Season Shoulder Dislocation

Current Concepts in Orthopaedic Surgery 2011
Lexington, Kentucky, October 29, 2011
Current Management of SLAP Lesions and the Biceps Tendon

Youth Baseball Coaches/Parents Workshop
Lexington, Kentucky, February 25, 2012
Prevention of Shoulder Injuries in Youth Baseball Throwers

14th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, June 8, 2012
Symposium Director
Acromioclavicular Joint Injuries in Athletes
Return to Play Shoulder Panel

15th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 17, 2013
Symposium Director
Youth Baseball Injury Prevention

16th Annual Wildcat Sports Medicine Symposium
Lexington, Kentucky, May 16, 2014
Shoulder Dislocation, Injury to Return to Play

UK Orthopaedic Surgery Alumni Conference
Lexington, Kentucky, October 25, 2014
Update on Rotator Cuff Repair in 2014

UK Family Medicine Review/Contemporary Pediatrics Conference
Lexington, Kentucky, November 6, 2017
Shoulder for the Primary Care Provider

UK Family Medicine Review/Contemporary Pediatrics Conference
Lexington, Kentucky, May 14, 2018
Shoulder for the Primary Care Provider

State

University of Louisville Grand Rounds
Louisville, Kentucky, September 10, 2002
Shoulder Adaptations in Little Leaguers
Arthroscopic Bankart Repair

Kentucky Orthopaedic Society annual meeting
Louisville, Kentucky, September 26, 2007
Correct Concepts in Arthroscopic Rotator Cuff Repair

Visiting Professor, Resident Research Day
University of Louisville
Louisville, Kentucky, June 10, 2011
Judge for resident research presentations
Arthroscopic Management of Partial Thickness Rotator Cuff Tears

Kentucky Orthopaedic Society annual meeting
Lexington, Kentucky, September 24, 2016

Revision ACL Surgery

National

Science and Applications of Electrothermal Arthroscopy,
Kansas City, Missouri, May 1998
Laboratory instructor

Southeast Athletic Trainers' Association
Atlanta, Georgia, March 2001
Shoulder Evaluation and Assessment
New Techniques in Labral and Rotator Cuff Surgery

Mayo Clinic Shoulder and Elbow Conference
Rochester, Minnesota, August 8, 2002
Arthroscopic Bankart Repair

Southern Orthopaedic Association - SEC Sports Medicine Symposium
New Orleans, Louisiana, March 13-15, 2003
Program committee, moderator and speaker
Shoulder Instability / Labral Tears

“The Masters Experience”, Shoulder Arthroscopy with Mini Open Course
Orthopaedic Learning Center
Rosemont, Illinois, July 25-27, 2003
Associate Master Instructor

“The Masters Experience”, Advanced Arthroscopic Shoulder Reconstruction
Orthopaedic Learning Center
Rosemont, Illinois, October 24-26, 2003
Associate Master Instructor

Kentucky / Tennessee Orthopaedic Society annual meeting
Hot Springs, Virginia, August 20, 2004
Shoulder Symposium
Shoulder Instability

Emory University, Visiting Professor
Atlanta, GA, December 5-6, 2005
Shoulder Adaptations in Young Throwers
Percutaneous Reduction and Pinning of Valgus Impacted Proximal Humerus Fractures

Southern Orthopaedic Association / SEC Physicians Meeting
Atlanta, Georgia, March 2007
Posterior Shoulder Instability

Southern Orthopaedic Association / SEC Physicians Meeting
Atlanta, Georgia, March 14-15, 2008
Hip-Proximal Tendon Avulsions: What to Do?
Acute Ankle Sprain: Eval – Return to Play Pearls
Arthroscopic Management of Bony/Soft Tissue Ankle Impingement

Mississippi Sports Medicine Center, Visiting Professor
Jackson, Mississippi, January 26, 2009
Complications of Labral Repairs

Southern Orthopaedic Association / SEC Physicians Meeting
Tampa, Florida, March 12-14, 2009
Program Committee Vice-Chair
Surgical Management of Large Hill-Sachs Defects
Treatment of Posterior Shoulder Instability

SPTS-AOSSM Pre-Conference Program
Keystone, Colorado, July 8, 2009
The Spectrum of Care for Posterior Glenohumeral Instability – Surgeon’s Perspective

AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability
Chicago, Illinois, July 24-25, 2009
Arthroscopic Knot Tying
Panel Case Presentations: Subscapularis Tears and Arthroscopic Capsular Releases
Lab Instructor

Southern Orthopaedic Association Annual Meeting
Fajardo, Puerto Rico, June 17-19, 2010
Proximal Humerus Fracture Management
Young Patients with Medial Compartment Arthritis - Moderator

AAOS/ASES Arthroscopic Management of Rotator Cuff Disease and Instability
Chicago, Illinois, July 23-24, 2010
Aspects of Arthroscopic Knot Tying, Technique Tips
Arthroscopic Biceps Tenodesis vs. Tenotomy
Video Demonstration: Double Row Rotator Cuff Repair
Lab Instructor

The Wider Scope of Arthroscopy, Smith and Nephew and DJO Fellowship Program
Andover, Massachusetts, Sept 12-14, 2010
Post-Operative Shoulder Considerations
Lab Instructor

Wellington Sports Medicine 17th Annual Sports Medicine Symposium
Cincinnati, Ohio, March 3-5, 2011
Posterior Shoulder Instability
Shoulder Labral Injuries: Not all Managed the Same

Southern Orthopaedic Association / SEC Physicians Meeting
Atlanta, Georgia, March 10-12, 2011
Program Committee Vice-Chair
Partial Thickness Rotator Cuff Tears
Shoulder Case Presentations, Moderator – What Would You Do?

SPTS-AOSSM Pre-Conference Program
San Diego, California, July 6, 2011
Management of Partial Rotator Cuff Tears

AAOS Annual Meeting, AOSSM Specialty Day
San Francisco, California, February 11, 2012
Moderator – Shoulder Instability Session

Southern Orthopaedic Association / SEC Physicians Meeting
New Orleans, Louisiana, March 8-10, 2012
Program Committee Vice-Chair
Moderator: Shoulder and Elbow
Posterior Shoulder Instability
Complications of SLAP Repair

SPTS-AOSSM Pre-Conference Program
Baltimore, Maryland, July 11, 2012
In Season Management of Shoulder Dislocations

American Orthopaedic Society for Sports Medicine Annual Meeting
Baltimore Maryland, July 15, 2012
Current Concepts: MRI in Sports Medicine, What do We Really Need to Influence Treatment
Decisions – Shoulder

Southern Orthopaedic Association Annual Meeting
White Sulphur Springs, West Virginia, July 19-21, 2012
Moderator: Sports Medicine / Shoulder
Controversies in Sports Medicine: Arthroscopic Rotator Cuff Repair

Masters Experience in Shoulder Arthroscopy / Arthroscopy Association of North America
Chicago, Illinois, September 7-9, 2012
Associate Master Instructor, Lab Instructor

Southern Orthopaedic Association / SEC Physicians Meeting
Nashville, Tennessee, March 14-16, 2013
Program Committee Chairman
Management of Partial-Thickness Rotator Cuff Tears
Case Presentations: Shoulder

Virginia Orthopaedic Society Annual Meeting

Washington, DC, May 4, 2013
Keynote Speaker
Arthroscopic Rotator Cuff Repair, Partial to Massive Tears

SPTS-AOSSM Pre-Conference Program
Seattle, Washington, July 9, 2014
AC Joint Revisited: Injury Management in Season and Beyond

The Wider Scope of Arthroscopy, Smith and Nephew Fellowship Program
Andover, Massachusetts, Sept 7-9, 2014
Tips and Tricks to Repair PASTA Lesions
Lab Instructor

Southern Orthopaedic Association / SEC Physicians Meeting
Nashville, Tennessee, March 12-14, 2015
Program Committee Chairman, Moderator
Case Presentations: Shoulder

University of Cincinnati Trauma 101 Fracture Care Course
Cincinnati, Ohio, May 28-30, 2015
Posterior Labral Tears: Techniques and Tips
Rotator Cuff Repair Debate: Single Row Fixation is Best

SPTS-AOSSM Pre-Conference Program
Orlando, Florida, July 8, 2015
End Game: Treatment of Massive Rotator Cuff Tears

University of California-Los Angeles Sports Medicine Conference
Los Angeles, California, December 2, 2015
Posterior Shoulder Instability

Southern Orthopaedic Association / Annual Meeting
Naples, Florida, July 28-30, 2016
Program Chairman
Symposium: Throwing Shoulder – Throwing in Children and Adolescents

Southern Orthopaedic Association / SEC Physicians Meeting
Nashville, Tennessee, March 9-11, 2017
Program Committee Chairman, Moderator
Case Presentations: Shoulder

University of Cincinnati Trauma 101 Fracture Course
Clearwater, Florida, May 10-12, 2018
Pros and Cons of Single vs. Double Row Rotator Cuff Repair
Management of Bone Loss in Anterior Shoulder Instability
MCL – When and How to Repair

Southern Orthopaedic Association / SEC Physicians Meeting
Birmingham, Alabama, May 24-26, 2018
Program Committee Chairman, Moderator
Case Presentations: Shoulder

SPTS-AOSSM Pre-Conference Program
San Diego, California, July 4, 2018
Age Related Changes Seen in Throwers: Little League to College

University of Cincinnati Trauma 101 Fracture Course
Clearwater, Florida, April 26-28, 2019
Biologics in Sports Medicine
Posterior Shoulder Instability
Injury Prevention in the Youth Throwing Shoulder

Southern Orthopaedic Association / SEC Physicians Meeting
Birmingham, Alabama, May 23-25, 2019
Program Committee Chairman, Moderator
Case Presentations: Shoulder

Southern Orthopaedic Association Annual Meeting
Amelia Island, Florida, July 18-20, 2019
Rotator Cuff Repair: Mobilization, Fixation, Augmentation
Shoulder Symposium Moderator
Rapid Fire Presentations Moderator

International

Mexican Orthopaedic Society, Committee on Shoulder and Elbow Surgery
Villahermosa, Mexico, October 1998
Open versus arthroscopic rotator cuff repair
Long-term Results of Bankart Repair
SLAP Injuries
Internal Impingement
Complications of Shoulder Surgery
Biceps Tenodesis

5th Turkish Sports Traumatology, Arthroscopy and Knee Surgery Congress
Istanbul, Turkey, October 23-27, 2000
Ankle Sprains
First Time Shoulder Dislocations

American Orthopaedic Society for Sports Medicine annual meeting
Quebec City, Canada, June 24, 2004
Instructional Course – Surgical Implants and Devices, Consumer Reports
Shoulder and Knee

Southern Orthopaedic Association annual meeting
Paradise Island Bahamas, July 20, 2006
SLAP Repairs – Technical Concerns and Complications
Moderator – Upper Extremity

Institute for Western Surgery, Visiting Professor
Shanghai, China, August 31, 2011
Shoulder Anatomy, Evaluation, and Common Problems
Rotator Cuff Tears
Shoulder Instability

Guangdong Hospital of Traditional Chinese Medicine, Visiting Professor
Guangzhou, China, September 5, 2011
Rotator Cuff Tears
Double Row Rotator Cuff Repair

AOSSM/SPTS Pre-Conference Workshop
Toronto, Canada, July 19, 2017
Cuff Fixation: Options and Implications for Rehab

PODIUM PRESENTATIONS

State

Mair SD, Mason JB, Garrett WE, Jr.: A technique for elevation of depressed tibial plateau fractures. Presented at the North Carolina Orthopaedic Association meeting, in Asheville, North Carolina October 1994.

Mair SD, Speer KP: Posterior Labral Injury in Contact Athletes. Presented at the North Carolina Orthopaedic Association Annual Meeting, in Winston-Salem, North Carolina, September 1995.

Mair SD, Speer KP: Diagnosis and Treatment of Posterior Labral Injury in Contact Athletes. Presented at the 15th Annual Oscar Miller Day, Athletes' Shoulder and Elbow Symposium, in Charlotte, North Carolina October 1995.

National

Lins RE, Barnes BC, **Mair SD**, Callaghan JJ, McCollum DE: Evaluation of uncemented total hip arthroplasty in patients with avascular necrosis of the femoral head. Presented at the American Orthopaedic Association 24th Annual Residents' Conference, in Kansas City, Missouri, March 1991.

Mair SD, Seaber AV, Glisson RR, Garrett WE, Jr.: The role of fatigue in susceptibility to muscle

strain injuries. Presented at the Orthopaedic Research Society, 37th Annual Meeting, in Anaheim, California, March 1991.

Mair SD, Seaber AV, Glisson RR, Chow GH, Garrett WE, Jr.: The biomechanical effects of fatigue on muscle-tendon units pulled to failure. Presented at the American College of Sports Medicine, 38th Annual Meeting in Orlando, Florida, May 1991.

Mair SD, Seaber AV, Glisson RR, Garrett WE, Jr.: The effect of fatigue on acute muscle strain injuries. Presented at the American Orthopaedic Society for Sports Medicine, 17th Annual Meeting, in Orlando, Florida, July 1991.

Mair SD, Dalton JD, Jr.: Histologic, contractile, and biomechanical properties of muscle following strain injury within the physiologic range. Presented at the Orthopaedic Research Society, 38th Annual Meeting in Washington, D.C., February 1992.

Lins RE, Barnes BC, **Mair SD**, McCollum DE: Uncemented total hip arthroplasty for avascular necrosis. Presented at the American Academy of Orthopaedic Surgeons, 60th Annual Meeting, in San Francisco, California, February 1993.

Mair SD, Seaber AV, Garrett WE, Jr.: Characteristics of muscle strain injuries without complete rupture. Presented at the American Orthopaedic Society for Sports Medicine, 20th Annual Meeting in Palm Desert, California, June 1994.

Mair SD, Bassett FH, III: Results of surgical treatment of chronic medial epicondylitis. Presented at the American Orthopaedic Association 28th Annual Residents' Conference, in Pittsburgh, Pennsylvania, March 1995.

Mair SD, Montella BJ, Garrett WE, Jr.: Timing of anterior cruciate ligament reconstruction. Effects on meniscal and articular cartilage injury. Presented at the Third International Olympic Committee World Congress on Sports Sciences, in Atlanta, Georgia, September 1995.

Speer KP, **Mair SD**: Posterior Labral Injuries in Contact Athletes. Presented at the Third International Olympic Committee World Congress on Sports Sciences, in Atlanta, Georgia, September 1995.

Aluisio FV, **Mair SD**, Hall RJ: Plantar Fibromatosis - Treatment of Primary and Recurrent Lesions and Factors Associated with Recurrence. Presented at the American Orthopaedic Foot and Ankle Society Specialty Day, in Atlanta, Georgia, February 1996.

Mair SD, Feagin JA, Jr.: Diagnosis and Injection of Lateral Epicondylitis, A Precise Technique. Presented at the North Carolina Orthopaedic Association Annual Meeting, in Myrtle Beach, South Carolina, October 1996.

Mair SD, Speer KP: Posterior Labral Injury in Contact Athletes. Presented at the American Academy of Orthopaedic Surgeons, 64th Annual Meeting, in San Francisco, California, February 1997.

Mair SD, Speer KP: Posterior Labral Injury in Contact Athletes. Presented at the American Orthopaedic Association 30th Annual Residents' Conference, in New York, New York, March 1997.

Mair SD, Seaber AV, Glisson RR, Garrett WE, Jr.: The Role of Fatigue in Susceptibility to Acute Muscle Strain Injury. Presented at the American Orthopaedic Society for Sports Medicine, 23rd Annual Meeting in Sun Valley, Idaho, June 1997.

Mair SD, Speer KP: Posterior Labral Injury in Contact Athletes. Presented at the American Orthopaedic Society for Sports Medicine, 23rd Annual Meeting, in Sun Valley, Idaho, June 1997.

Mair SD: Reliability of the Impingement Test in Prediction of Outcome After Arthroscopic Subacromial Decompression. Presented at the Steadman-Hawkins Annual Fellows' Meeting in Vail, Colorado, December 1998.

Gill TJ, **Mair SD**, Werner S, Hawkins RJ: Injury Prevention in the Throwing Athlete, a Biomechanical Study. Presented at the American Academy of Orthopaedic Surgeons, 66th Annual Meeting, in Anaheim, California, February 1999.

Mair SD, Kuhn JE, Gill TJ, Hawkins RJ: Treatment and Outcome After Rotator Cuff Repair Complicated by Infection. Presented at the American Shoulder and Elbow Surgeons, 15th Open Meeting, in Anaheim, California, February 1999.

Mair SD, Viola RW, Gill TJ, Hawkins RJ: A Validation of the Impingement Test in Predicting Outcome after Arthroscopic Subacromial Decompression. Presented at the American Shoulder and Elbow Surgeons, 15th Open Meeting, in Anaheim, California, February 1999.

Bealle D, Brand J, **Mair SD**, Johnson DL: The Effect of a Geographic Lateral Bone Bruise on the Inflammatory State of the Knee after Acute ACL Rupture. Presented at the American Academy of Orthopaedic Surgeons, 66th Annual Meeting in Anaheim, California, February 1999.

Mair SD, Schlegel TF, Gill TJ, Hawkins RJ, Steadman JR: Incidence and Location of Bone Bruises after Acute Posterior Cruciate Ligament Injury. Presented at the American Orthopaedic Society for Sports Medicine, 25th Annual Meeting, in Traverse City, Michigan, June 1999.

Schlegel TF, **Mair SD**, Gill TJ, Hawkins RJ, Turner S: The Rate of Tendon Healing into a Bone Trough, a Biomechanical Comparison. Presented at the American Orthopaedic Society for Sports Medicine, 25th Annual Meeting, in Traverse City, Michigan, June 1999.

Caborn DNM, Hester P, **Mair SD**, Johnson DL: Optimisation of a soft tissue as a graft source for ligament reconstruction. Presented at the Arthroscopy Association of North America Annual Meeting, in Miami, Florida, April 2000.

Gill TJ, Reschly E, **Mair SD**, Hawkins RJ: Biceps Tenodesis Versus Release for the Treatment of Pathology of the Biceps Brachii. Presented at the American Shoulder and Elbow Surgeons, 2nd Biennial Shoulder and Elbow Meeting, in Miami Beach, Florida May 2000.

Mair SD, Schlegel TF, Gill TJ, Hawkins RJ: Triceps Tendon Ruptures in Professional Football Players. Presented at the American Shoulder and Elbow Surgeons, 2nd Biennial Shoulder and Elbow Meeting, in Miami Beach, Florida May 2000.

Mair, SD, Caborn DNM, Johnson DL: Treatment of Tibial Spine Fractures with T-Fix. Presented at the Steadman-Hawkins Annual Meeting, in Vail, Colorado, December 2000.

Mair SD: Radiographic Changes in Young Throwers. Presented at the Hawkins Society Meeting, in Hilton Head, South Carolina, May 2001.

Robbe RL, **Mair SD**, Uhl TJ, Muldoon KA: Proximal Humeral Physeal Changes in Skeletally Immature Throwing Athletes. Presented at the 8th Annual Residents and Fellows Arthroscopy Conference, in Useppa Island, Florida, May 2001.

Johnson J, Michelotti J, Wright J, **Mair SD**, Hawkins RJ: Long Head of Biceps Brachii Tendon Tenodesis Comparing Three Fixation Methods: A Biomechanical Study. Presented at the American Orthopaedic Society for Sports Medicine, 27th Annual Meeting, in Keystone, Colorado, June 2001.

Mair SD, Uhl TL, Robbe RL, Muldoon KA: Correlation of Proximal Humerus Physeal Changes with Symptoms in Skeletally Immature Throwers. Presented at the American Orthopaedic Society for Sports Medicine, 27th Annual Meeting, in Keystone, Colorado, June 2001.

Carver TJ, Uhl TL, Mattacola CG, Nitz AJ, Mair SD: Examination of Electromyographic Activity of Shoulder Girdle Compression. Presented at the National Athletic Trainers' Association Annual Meeting, Los Angeles, California, June 2001.

Robbe RL, **Mair SD**, Uhl TL, Muldoon, KA: Correlation of Proximal Humerus Physeal Changes with Symptoms in Skeletally Immature Throwers. Presented at the Kentucky Orthopaedic Society, Annual Meeting, in White Sulphur Springs, West Virginia, August 2001.

Uhl TL, **Mair SD**, Nitz AJ, Mattacola CG, McCrory J: Muscle Activity Comparison of Four Common Shoulder Exercises in Unstable and Stable Shoulders. Presented at the American Society of Shoulder and Elbow Therapists, Annual Meeting, in Seattle, Washington, September 2002.

Sciascia AD, Uhl TL, Mattacola CG, McCrory JL, Nitz AJ, **Mair SD**. Muscle Activity Comparison of Four Common Shoulder Exercises in Stable and Unstable Shoulders. National Athletic Trainers' Association 54th annual meeting, St. Louis, Missouri, June 2003.

Bolgia LA, Uhl TL, Mattacola CG, Malone TR, **Mair SD**. The Effect of a Simulated Knee Effusion of Quadriceps Function: Implications for Rehabilitation. Southeastern Athletic Trainers 29th Annual Meeting, Atlanta, Georgia, March 2004.

Kuschinsky N, Uhl TL, Sciascia A, **Mair S**, Nitz A, Mattacola C. Muscle Activity Comparison of Four Common Shoulder Exercises in Unstable and Stable Shoulders. First International Congress of Shoulder Therapists, Washington D.C., May 2004.

Uhl TL, Mair SD, Robbe R, Brindle K. Shoulder Strength and Flexibility of Youth Baseball Players. American Society of Shoulder and Elbow Therapists 14th annual meeting, New York, New York, October 2004.

Mair SD: Shoulder Adaptations in Young Throwers. Piedmont Orthopaedic Society Annual Meeting, Sea Island, Georgia, May 2005.

Hurt, JH, **Mair SD**, Complications Associated with the Port of Wilmington. American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, Illinois, March 2006.

Mair SD, Hurt JH. Rotator Cuff Tears as a Complication of Portal Placement. Arthroscopy Association of North America Annual Meeting, Hollywood, Florida, May 2006.

Graves PD, Kindy D, **Mair SD**, Uhl TL. An Acute Mid-foot Injury in a Female Collegiate Volleyball Athlete. National Athletic Trainers' Association 58th Annual Meeting, Anaheim, California, June 2007.

Spigelman TH, Uhl TL, Mullineaux D, Cunningham TJ, Mair SD, Shapiro R. Effect of Ability on Freestyle Swimbench Stroke Characteristics. North American Congress of Biomechanics, Ann Arbor, Michigan, August 2008.

Uhl, TL, **Mair SD**, Nitz AJ, Muir T, Melton C, Junkin D. Muscle Activation Levels during Early Post-Surgical Rehabilitation Exercises. American Society of Shoulder and Elbow Therapists 17th Annual Conference, New York, New York, October 2009.

Ritchie JD, Shaver JC, Anderson RB, **Mair SD**. Excision of Symptomatic Nonunions of Proximal Fifth Metatarsal Avulsion Fractures in Elite Athletes. American Orthopaedic Society for Sports Medicine Annual Meeting, Providence, Rhode Island, July 2010.

International

Mair SD, Montella BJ, Garrett WE, Jr.: Incidence of meniscal and articular cartilage injuries in patients having early and late anterior cruciate ligament reconstruction. Presented at the Southern Orthopaedic Association, 12th Annual Meeting, in Quebec City, Canada, July 1995.

Mair SD, Speer KP: Diagnosis and treatment of posterior labral injuries in athletes playing contact sports. Presented at the Southern Orthopaedic Association, 12th Annual Meeting, in Quebec City, Canada, July 1995.

Mair SD, Makii A, Kriss V, Uhl T. A Six Year Longitudinal Study of Youth Baseball Players. American Orthopaedic Society for Sports Medicine Annual Meeting, Calgary, Canada, July 2007.

Spigelman TH, Cunningham TJ, **Mair SD**, Shapiro R, Uhl TL, Mullineaux DR. Motor Control Strategies in Elite Swimmers' Freestyle Stroke During Dryland Swimming. XXII Congress of

the International Society of Biomechanics, Sports, Dublin, Ireland, August 2009.

Uhl TL, Love SD, Garcia GG, **Mair SD**. Case Study of Recurrent Olcranon Fracture in a Collegiate Baseball Pitcher. International Congress of Shoulder and Elbow Therapists, Edinburgh, Scotland, September 2010.

POSTER PRESENTATIONS

National

Bassett FH III, **Mair SD**: Surgical Treatment of Chronic Medial Epicondylitis. Presented at the American Orthopaedic Association, 108th Annual Meeting, in White Sulphur Springs, West Virginia, June 1995.

Mair SD, Seaber AV, Glisson RR, Garrett WE Jr.: The Role of Fatigue in Susceptibility to Acute Muscle Strain Injury. Presented at the American Orthopaedic Association, 108th Annual Meeting, in White Sulphur Springs, West Virginia, June 1995.

Gill TJ, McIrvin E, **Mair SD**, Hawkins RJ: Tendodesis Versus Release in the Treatment of Pathology of the Long Head of the Biceps Brachii. Presented at the American Academy of Orthopaedic Surgeons, 67th Annual Meeting, in Orlando, Florida, March 2000.

Gill TJ, **Mair SD**, Murray T, Werner S, Hawkins RJ: Injury Prevention in the Throwing Athlete: A Biomechanical Study. Presented at the American Academy of Orthopaedic Surgeons, 67th Annual Meeting, in Orlando, Florida, March 2000.

Gill TJ, **Mair SD**, Hawkins RJ: Biomechanics of the Elbow in Throwing: Relationship to Injury Production and Prevention. Presented at the American Academy of Orthopaedic Surgeons, 67th Annual Meeting, in Orlando, Florida, March 2000.

Mair SD, Schlegel TF, Gill TJ, Hawkins RJ: Triceps Tendon Ruptures in Professional Football Players. Presented at the American Orthopaedic Society for Sports Medicine, Specialty Day, in San Francisco, California, March 2001.

Carver TJ, Uhl TL, Mattacola CG, Nitz AJ, **Mair SD**. Examination of Electromyographic Activity of Shoulder Girdle Musculature while Progressively Increasing Glenohumeral Axial Compression. Presented at the Southeast Athletic Trainers Association Annual Meeting, Atlanta, Georgia, March 2001.

Mair SD, Hester PW, Johnson DL, Caborn DN: A Technique for Fixation of the Displaced Tibial Spine Fracture. Presented at the Arthroscopy Association of North America, in Washington D.C., April 2002.

Sciascia AD, Uhl TL, Mattacola CG, McCrory JL, Nitz AJ, **Mair SD**. Muscle Activity Comparison of Four Common Shoulder Exercises in Unstable and Stable Shoulders. Presented at the Southeast Athletic Trainers Association Annual Meeting, Atlanta, Georgia, March 2003.

Sassmannshausen GM, Johnson DL, **Mair, SD**, Uhl T, Lowe W. Arthroscopic “Medial Drive-Through” Sign: An Indication for Acute Surgical Repair of Grade III Tibial Avulsion of the Medial Meniscotibial Ligament in Collegiate Athletes. Presented at the Arthroscopy Association of North American Annual Meeting, Phoenix, Arizona, April 2003.

Welsh WE, Terhune WG, **Mair SD**. Shoulder Pain and Crepitus Following Injury in a Collegiate Football Player. Presented at the National Athletic Trainers Association annual meeting, St. Louis, Missouri, June 2003.

Terhune WG, Welsh WE, **Mair SD**, Lightfoot RW. Ankle Pain in a Collegiate Football Player. Presented at the National Athletic Trainers Association annual meeting, St. Louis, Missouri, June 2003.

Kuschinsky N, Uhl T, Sciascia A, **Mair S**, Nitz AJ, Matacola CG. Muscle Activity Comparison of 4 Common Shoulder Exercises in Unstable and Stable Shoulders. Presented at the Southeastern Athletic Trainers 29th Annual Meeting, Atlanta, Georgia, March 2004.

McClelland RI, Uhl TL, **Mair S**, Shaffer W. Thoracolumbar Pain in Division I Collegiate Gymnasts. Presented at the Southeastern Athletic Trainers 31st Annual Meeting, Atlanta, Georgia, March 2006.

Makii AB, Uhl TL, **Mair SD**, Kriss VM: Isometric Strength Testing of the Shoulder Rotators In Two Different Positions. Presented at the Southeastern Athletic Trainers 32nd Annual Meeting, Nashville, Tennessee, March 2007.

Spigelman TH, Uhl TL, **Mair SD**, Hill C, Nitz AJ, Cunningham TJ. Kinematics of Dryland Swimming using Two Dryland Benches. Southeastern Athletics Trainers Association 33rd Annual Meeting, Franklin Tennessee, March 2008.

Garcia CG, Uhl TL, **Mair SD**, Yochem EM. Posterior Shoulder Pain in a Collegiate Baseball Catcher. National Athletic Trainers’ Association 59th Annual Meeting, St. Louis, Missouri, June 2008.

Uhl T, Nitz A, **Mair S**, Muir T, Melton C. Comparing Muscle Activity and Range of Motion during Early Post-Surgical Exercises between Non-injured and Superior Labral Repair Patients, American Physical Therapy Association, Las Vegas, Nevada, February 2009.

Mair SD, Uhl T, Muir T, Junkin D, Melton C. Comparing Muscle Activity during Post-Surgical Active Assistive Range of Motion Exercises. Arthroscopy Association of North America annual meeting, San Diego, California, April 2009.

Muir T, Uhl TL, **Mair S**, Nitz AJ, Melton C. Comparison of Electromyographical Analysis Techniques in Indwelling EMG Data of Rotator Cuff Musculature. National Athletic Trainers’ Association 60th Annual Meeting, San Antonio, Texas, June 2009.

Mair SD, Uhl T, Muir T, Junkin D, Melton C. Comparing Muscle Activity during Post-Surgical

Shoulder Range of Motion Exercises. American Orthopaedic Society for Sports Medicine annual meeting, Keystone, Colorado, July 2009.

Waugh A, **Mair S**. MCL Avulsion and ACL Tear in a 14 Year Old Male. Southeast Athletic Trainers' Association annual meeting, Atlanta, Georgia, March 2011.

Deering SJ, **Mair SD**. Arthroscopic Repair of the Biceps Sling in Athletes. Arthroscopy Association of North America annual meeting, San Francisco, California, April 2011.

Odom-Forren, J, Rayens MK, Sloan P, **Mair S**. An mHealth Self-Management Program to Decrease Postoperative Symptom Management: a Feasibility Study. American Society of Perianesthesia Nurses national conference, Indianapolis, Indiana, May 2017.

RESEARCH AND CREATIVE PRODUCTIVITY

PEER REVIEWED PUBLICATIONS

Basford JR, Sheffield GG, **Mair SD**, and Ilstrup DM; Low-energy helium neon laser treatment of thumb osteoarthritis. Archives of Physical Medicine and Rehabilitation, 68: 794-7, 1987.

Lins RE, Barnes BC, Callaghan JJ, **Mair SD**, and McCollum DE: Evaluation of uncemented total hip arthroplasty in patients with avascular necrosis of the femoral head. Clinical Orthopaedics and Related Research, 297: 168-73, 1993.

Mair SD, Coogan AC, Speer KP, and Hall RL: Gout as a source of sesamoid pain. Foot and Ankle International, 16: 613-6, 1995.

Mair SD, Seaber AV, Glisson RR, and Garrett WE, Jr.: The role of fatigue in susceptibility to acute muscle strain injury. American Journal of Sports Medicine, 24 (2): 137-43, 1996.

Aluisio FA, **Mair SD**, and Hall RJ: Plantar fibromatosis - treatment of primary and recurrent lesions and factors associated with recurrence. Foot and Ankle International, 17: 724-7, 1996.

Mair SD, Zarzour RH, Speer KP: Posterior labral injury in contact athletes. American Journal of Sports Medicine, 26 (6): 753-8, 1998.

Mair SD, Hawkins RJ: Open shoulder instability surgery. Complications. Clinics in Sports Medicine, 18 (4): 1-18, 1999.

Viola RW, Steadman JR, **Mair SD**, Briggs KK, Sterett WI: Anterior cruciate ligament injury incidence among male and female professional alpine skiers. American Journal of Sports Medicine, 27 (6): 792-5, 1999.

Gill TJ, McIrvin E, **Mair SD**, Hawkins RJ: Results of biceps tenotomy for treatment of pathology of the long head of the biceps brachii. Journal of Shoulder and Elbow Surgery, 10: 247-9, 2001.

Speer KP, Osbahr DC, Montella BJ, Apple AS, **Mair SD**: Acromial morphotype in the young asymptomatic athletic shoulder. Journal of Shoulder and Elbow Surgery, 10 (5): 434-7, 2001.

Robbe R, **Mair S**, Johnson D, Madaleno J: Thrombosis of the greater saphenous vein in a collegiate football place kicker. Orthopedics, 25 (5): 531-2, 2002.

Gill TJ, McIrvin E, Kocher MS, Homa K, **Mair SD**, Hawkins RJ: The relative importance of acromial morphology and age with respect to rotator cuff pathology. Journal of Shoulder and Elbow Surgery, 11(4): 327-30, 2002.

Uhl T, Carver T, Mattacola C, **Mair S**, Nitz A: Shoulder musculature activation during upper extremity weight-bearing exercise. Journal of Orthopaedic and Sports Physical Therapy, 33 (3): 109-17, 2003.

Sassmannshausen G, Wilson T, **Mair S**. Operative stabilization of an unstable os acromiale in an adolescent football player. Orthopedics, 26 (5): 509-11, 2003.

Glueck DA, **Mair SD**, Johnson DL: Shoulder instability with the absence of the long head of the biceps tendon. Arthroscopy, 19 (7): 787-9, 2003.

Mair SD, Isbell WM, Schlegel TF, Gill TJ, Hawkins RJ: Triceps tendon ruptures in professional football players. American Journal of Sports Medicine, 32(2): 431-4, 2004.

Mair SD, Viola RW, Gill TJ, Briggs KK, Hawkins RJ: Can the impingement test predict outcome after arthroscopic subacromial decompression? Journal of Shoulder and Elbow Surgery, Mar-Apr; 13(2):150-3, 2004.

Tetik O, Sumida K, Nyland J, **Mair S**, Caborn DN. Humeral head articular surface damage due to bioabsorbable tack placement: a case report. Journal of Shoulder and Elbow Surgery, 13(4): 463-6, 2004.

Mair SD, Uhl TL, Robbe RL, Muldoon KA: Physseal changes and range of motion differences in the dominant shoulders of skeletally immature baseball players. Journal of Shoulder and Elbow Surgery, 13(5): 487-91, 2004.

Mair SD, Schlegel TF, Gill TJ, Hawkins RJ, Steadman JR: Incidence and location of bone bruises after acute posterior cruciate ligament injury. American Journal of Sports Medicine, 32(7): 1681-7, 2004.

Sassmannshausen G, **Mair SD**, Blazar PE: Rupture of a bifurcated distal biceps tendon. Journal of Bone and Joint Surgery - American, 86-A(12): 2737-40, 2004.

Sassmannshausen G, Sukay M, **Mair SD**: Broken or dislodged poly-L-lactic acid bioabsorbable tacks in patients after SLAP lesion surgery. Arthroscopy, 22(6): 615-9, 2006.

Burris M, Johnson D, **Mair SD**: Management of in-season anterior shoulder dislocation in the

amateur athlete. Orthopedics, 30(5): 362-4, 2007.

Cheatham S, **Mair SD**: Arthroscopic technique for the evaluation and treatment of posterior shoulder instability. Orthopedics, 32(3): 194-7, 2009.

Melton C, Mullineaux D, Mattacola CG, **Mair SD**, Uhl TL: Reliability of video motion analysis systems to measure amplitude and velocity of shoulder elevation. Journal of Sports Rehabilitation, 20(4): 393-405, 2011.

Ritchie JD, Shaver JC, Anderson RB, Lawrence SJ, **Mair SD**: Excision of symptomatic nonunions of proximal fifth metatarsal avulsion fractures in elite athletes. American Journal of Sports Medicine, 39(11): 2466-9, 2011.

Stephenson DR, Love S, Garcia GG, **Mair SD**: Recurrence of an olecranon stress fracture in an elite pitcher after percutaneous internal fixation: a case report. American Journal of Sports Medicine, 40(1): 218-21, 2012.

Deering SJ, **Mair SD**, Lattermann C: Treatment options for chronic retracted degenerative rotator cuff tears. Medicine and Sport Science, 57: 153-67, 2012.

Snyder GM, **Mair SD**, Lattermann C: Tendinopathy of the long head of the biceps. Medicine and Sport Science, 57: 76-89, 2012.

Stephenson DR, Hurt JH, **Mair SD**: Rotator cuff injury as a complication of portal placement for superior labrum anterior-posterior repair. Journal of Shoulder and Elbow Surgery, 21(10):1316-21, 2012.

Sciascia A, Kuschinsky N, Nitz AJ, **Mair SD**, Uhl TL: Electromyographical comparison of four common shoulder exercises in unstable and stable shoulders. Rehabilitation Research and Practice, 2012:783824. Epub 2012 Aug 7.

Mair S, Lattermann C, Malone TR: Glenohumeral instability and bone loss in a throwing athlete. International Journal of Sports Physical Therapy, 8(2): 205-11, 2013.

Kluemper CT, Snyder GM, Coats AC, Johnson DL, **Mair SD**: Arthroscopic suture fixation of tibial eminence fractures. Orthopedics, 36(11): e1401-6, 2013.

Malone T, **Mair S**. Management of acute shoulder pain in an adolescent lacrosse athlete: a case report. International Journal of Sports Physical Therapy, 9(3): 383-7, 2014.

Lembach M, **Mair S**, Johnson DL. Surgical pearls and pitfalls for effective and reproducible arthroscopic rotator cuff repair. Orthopedics, 37(7): 472-6, 2014.

Felder J, **Mair S**. Acromioclavicular joint injuries. Current Orthopaedic Practice, 1(2): 133-18, 2015.

Felder JJ, Elliott MP, **Mair SD**. Complications associated with arthroscopic labral repair implants: a case series. Orthopedics, 38(7): 439-43, 2015.

Varacallo M, **Mair SD**. Comprehensive shoulder evaluation strategies. StatPearls, 2019.

Varacallo M, Mair SD. Superior Labrum Anterior Posterior (SLAP) Lesions. StatPearls, 2019.

Varacallo M, **Mair SD**. Anterior shoulder instability. StatPearls, 2019.

Varacallo M, **Mair SD**. Biceps tendon dislocation and instability. StatPearls, 2019.

Varacallo M, **Mair SD**. Proximal biceps tendinitis and tendinopathy. StatPearls, 2019.

Varacallo M, **Mair SD**. Rotator cuff tendinitis. StatPearls, 2019.

Varacallo M, **Mair SD**. Rotator cuff syndrome. StatPearls, 2019.

NON-PEER REVIEWED PUBLICATIONS

Gill TJ, Werner S, Murray T, **Mair SD**, Hawkins RJ: Pitching remains a prescription for injury. Biomechanics, 75-82, August 1999.

Steadman JR, **Mair SD**: Anterior cruciate ligament reconstruction with bone-patellar tendon-bone autograft. Two incision technique. Operative Techniques in Orthopaedics, 9 (4): 273-80, 1999.

Kuhn JE, **Mair SD**, Hawkins RJ: Management of infection after open rotator cuff repair. Sports Medicine and Arthroscopy Review, 7: 220-4,1999.

Sassmannshausen G, **Mair SD**: Musculotendinous injuries about the athletically active middle aged knee. Sports Medicine and Arthroscopy Review, 11(2):107-111, 2003.

BOOKS

Johnson, DL and **Mair, SD**. Clinical Sports Medicine, Elsevier, Philadelphia, PA, 2006.

BOOK CHAPTERS

Mair SD, Brautigan B, Caborn DNM: Shoulder Instability and Labral Injuries: Surgical Indications and Techniques. In Orthopaedics, ed. Fitzgerald R, Kaufer H, and Malkani A, pages 590 – 603, 2002.

Borden P, **Mair SD**, Bobik V, Johnson DL: Articular Cartilage Injuries of the Knee. In Orthopaedics, ed. Fitzgerald R, Kaufer H, and Malkani A, pages 655 – 662, 2002.

Mair SD (Contributing Editor): Anatomy: Shoulder and Arm, Elbow and Forearm. In Musculoskeletal Medicine, ed. Bernstein J, pages 73 – 81, 2003.

Mair SD, Johnson DL: Bone-tendon-bone autograft ACL reconstruction is the most effective surgical option for restoring anterior knee stability following ACL injury. In Controversies in Knee Surgery, ed. Williams, RJ and Johnson, DP, pages 57- 66, November 2004.

Bolgia LA, Malone TR, **Mair SD**: Patellar and Quadriceps Tendon Rupture and Treatment. In Postsurgical Orthopedic Sports Rehabilitation Knee & Shoulder, ed. Robert C. Manske, pages 479-487, 2006.

Mair SD: Shoulder – Posterior Instability. In Clinical Sports Medicine, ed. Johnson DL and Mair SD, pages 201-7, 2006.

Mair SD, Royalty MB: Muscle Injuries. In Orthopaedic Knowledge Update, Sports Medicine 4, ed. W. Benjamin Kibler, pages 111-8, 2009.

Mair SD: Rotator Cuff Tears. In Miller's Essential Orthopaedics, ed. Miller M, Hart J, MacKnight J, pages 165-7, 2009.

Mair SD: Acromioclavicular Joint Injuries. In Miller's Essential Orthopaedics, ed. Miller M, Hart J, MacKnight J, pages 175-7, 2009.

ABSTRACTS

Mair SD, Seaber AV, Glisson RR, Garrett WE, Jr.: The role of fatigue in susceptibility to muscle strain injuries. Transactions of the Orthopaedic Research Society, 16: 42, 1991.

Mair SD, Seaber AV, Glisson RR, Chow GH, Garrett WE, Jr.: The biomechanical effects of fatigue on muscle-tendon units pulled to failure. Medicine and Science in Sports and Exercise, 23 (4): S-92, 1991.

Mair SD, Dalton JD, Jr.: Histologic, contractile, and biomechanical properties of muscle following strain injury within the physiologic range. Transactions of the Orthopaedic Research Society, 17: 257, 1992.

Lins RE, Barnes BC, **Mair SD**, McCollum DE: Uncemented total hip arthroplasty for avascular necrosis. Orthopaedic Transactions, 17 (4): 1086, 1993-94.

Mair SD, Bassett FH, III: Results of surgical treatment of chronic medial epicondylitis. Orthopaedic Transactions, 19 (3): 707, 1995-96.

Mair SD, Speer KP: Posterior labral detachment in contact athletes. Orthopaedic Transactions, 21 (4): 1133, 1997-98.

Aluisio FV, **Mair SD**, Hall RJ: Plantar fibromatosis - Treatment of primary and recurrent lesions and factors associated with recurrence. Orthopaedic Transactions, 21 (4): 1168, 1997-98.

Mair SD, Viola RW, Gill TJ, Hawkins RJ: A validation of the impingement test in predicting outcome after arthroscopic subacromial decompression. Journal of Shoulder and Elbow Surgery, 9 (5): 454, 2000.

Mair SD, Kuhn JE, Gill TJ, Hawkins RJ: Treatment and outcome after rotator cuff repair complicated by infection. Journal of Shoulder and Elbow Surgery, 9 (5): 455, 2000.

Carver TJ, Uhl TL, Mattacola CG, Nitz AJ, **Mair SD**: Examination of electromyographic activity of shoulder girdle musculature while progressively increasing glenohumeral axial compression. Journal of Athletic Training, 36 (2): S-41, 2001.

Sciascia AD, Uhl TL, Mattacola CG, McCrory JL, Nitz AJ, **Mair SD**: Muscle activity comparison of four common shoulder exercises in unstable and stable shoulders. Journal of Athletic Training, 38 (2): S-9, 2003.

Kuschinsky N, Uhl T, Sciascia A, **Mair S**, Nitz A, Mattacola C, Muscle activity comparison of four common shoulder exercises in unstable and stable shoulders. Journal of Shoulder and Elbow Surgery, 13(5):E1-2, 2004.

Uhl T, **Mair S**, Robbe R, Brindle K. Shoulder strength and flexibility of youth baseball players. Journal of Shoulder and Elbow Surgery, 13(5):E4, 2004.

McClelland RI, Uhl TL, **Mair SD**, Shaffer W. Thoracolumbar Pain in a Division I Collegiate Gymnast, Journal of Athletic Training 41(2):S77, 2006.

Mair S, Hurt J. Rotator cuff tears as a complication of portal placement. Arthroscopy 22 (6): e23, 2006.

Graves PD, Kindy D, **Mair S**, Uhl TL. An Acute mid-foot injury in a female collegiate volleyball athlete. Journal of Athletic Training 42(2):S45, 2007.

Uhl TL, Nitz AJ, **Mair SD**, Muir T, Melton C. Comparing muscle activity and range of motion during early postsurgical exercises between noninjured and superior labral repair patients. Journal of Orthopaedic & Sports Physical Therapy 39(1): A79, 2009.

Muir T, Uhl TL, **Mair S**, Nitz AJ, Melton C. Comparison of electromyographical analysis techniques in indwelling EMG data of rotator cuff musculature. Journal of Athletic Training 44(3):S78, 2009.

Uhl TL, Muir TM, **Mair SD**. Comparison of upper trapezius/serratus anterior ratios during post-surgical active assistive range of motion exercises. Journal of Orthopaedic and Sports Physical Therapy, 39(11):A13, 2009

VIDEO PRESENTATIONS

American Academy of Orthopaedic Surgery – Committee on Electronic Media Education Award for Best Instructional Video

Mair SD, Oates K, Viola RW, Hawkins RJ: Scapulothoracic Arthrodesis. Presented at the American Academy of Orthopaedic Surgeons, 66th Annual Meeting, in Anaheim, California, February 1999.

American Academy of Orthopaedic Surgery
Laudicina L, Schlegel T, **Mair S**, Hawkins R:
Triceps Tendon Ruptures in Professional Football Players.
Presented at the American Academy of Orthopaedic Surgeons, 74th Annual Meeting, in Chicago,
Illinois, March 2006.

GRANT AND CONTRACT ACTIVITY

University of Kentucky Medical Center grant, primary investigator: Investigation of humeral physal radiographic changes in the immature throwing athlete. June 2000 - June 2001, (Funded \$13,845).

Wyeth-Ayerst Global Pharmaceutical, co-investigator: A randomized, single-blinded, comparison of the efficacy and safety of Synvisc (Hyland G-F 20) and Aristospan (Triaminicolone Hexacetone) in patients with osteoarthritis of the knee. December 2000 – March 2002, (Funded \$20,000).

Omeros Medical Systems Inc, primary investigator: Double-blind, vehicle-controlled, single-center study evaluating the safety and efficacy of OMS-103HP in inhibiting pain and inflammation in patients undergoing partial meniscectomy with or without ipsilateral partial-thickness chondroplasty. February 2001 – June 2001, (Funded \$18,919).

Southeast Athletic Trainers Association Research and Education Committee grant, co-investigator: Effect of a simulated knee effusion on quadriceps performance. March 2003 – 2004, (Funded \$750).

Merck & Co.Inc., primary investigator: The analgesic effect of perioperative Rofecoxib use in patients undergoing arthroscopic shoulder labrum repair in an ambulatory setting. July 2003 – November 2004, (Funded \$5,200).

University of Kentucky Orthopaedic Department internal grant, co-investigator: Comparing Muscle Activity During Post-Surgical Active Assistive Range of Motion Exercises. January 2007 – January 2009, (Funded \$7,479).

OTHER

MEDIA PRESENTATIONS

Lexington Herald Leader article, Slopes Can Hit Back, Snow Skiing Can Be Great Exercise, But Overdoing it can Lead to Injuries, December 21, 1999
TV Interview, Youth Baseball Study, August 22, 2000
Lexington Herald Leader article, Doctors Study Young Arms, August 26, 2000
TV Interview, Olympic Swimming, September 12, 2000
TV Interview, Patient Status, January 4, 2001

Contributing Editor, UK Sports Med-Notes, February 2001
Associated Press article, Jockey Sellers Begins Rehab After Knee Surgery, January 2001
Lexington Herald Leader article, Barbour Undergoes Surgery on Hand, December 2002
Lexington Herald Leader article, UK's Momentum Shifted After Daniels Descended, March 2003
TV Interview, Scholastic Ball Report, January 17, 2004
Lexington Herald Leader article, Sprained Hand Tendon Might Keep Fitch Out, February 2004
Lexington Herald Leader article, Injured Fitch Should Be Back Vs. Arkansas, February 2004
TV Interview, Scholastic Ball Report, November 12, 2005
Lexington Herald Leader, Where Kentucky Blue Meets Chicago Green, March 2007
Lexington Herald Leader article, Youth Baseball's Benefits Carry a Sober Warning, September 2007
CBS Radio Interview, Youth Baseball Study, October 3, 2007
New York Times invited article, Arms and the Boy, October 20, 2007
TV Interview, Scholastic Ball Report, AC Separations, October 25, 2008
TV Interview, UK basketball Big Blue Madness, October 16, 2009
TV Interview, Focus On Fitness, Fayette County Schools, April 27, 2011